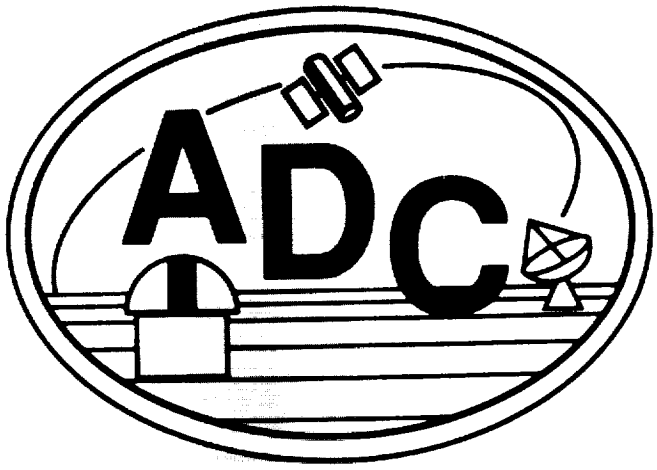
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Cape Photographic Durchmusterung

Volume III



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Unclas

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Errata

The series of NASA Reference Publications numbered RP 1297 through 1300 has been printed without the final page of tabular information in each volume. The series consists of the following titles:

Document	Title	Volume	Pg. missing
RP 1297	*Bonner Durchmusterung*	Volume I	p. 457
		Volume II	p. 447
RP 1298	*Bonner Durchmusterung (Southern Durchmusterung)*	Volume III	p. 375
RP 1299	*Cordoba Durchmusterung*	Volume I	p. 446
		Volume II	p. 415
		Volume III	p. 424
		Volume IV	p. 423
RP 1300	*Cape Photographic Durchmusterung*	Volume I	p. 424
		Volume II	p. 440
		Volume III	p. 401

Please insert these pages in all copies of the series. We regret any inconvenience this has caused.

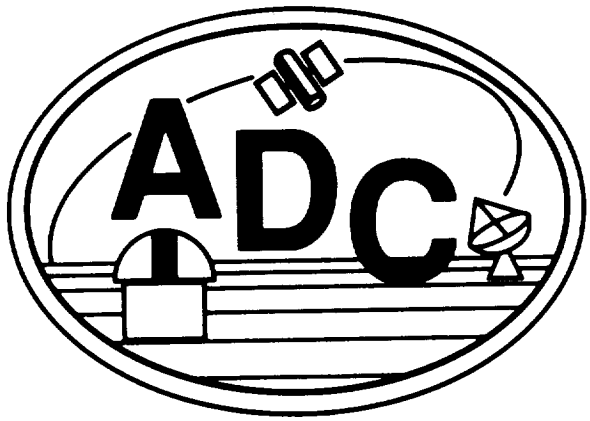
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Cape Photographic Durchmusterung

Volume III

Compiled by
Astronomical Data Center,
National Space Science Data Center
Goddard Space Flight Center
Greenbelt, Maryland



NASA
National Aeronautics and Space Administration
Office of Management
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Cape Photographic Durchmusterung Volume III

1 Introduction

The *Cape Photographic Durchmusterung* (CPD, Gill and Kapteyn 1895-1900) is a photographic survey of southern stars in the declination range -18 deg to -90 degrees. The original goal of the work was to carry out a southern survey similar to those of the *Bonner Durchmusterung* (BD, Argelander 1859-1862, see also Küstner 1903 and Schönfeld (1886)) and the *Cordoba Durchmusterung* (CD, Thome 1892-1932) but using photographic plates which would provide a permanent record of the sky at the epoch of observation. The summary of the positional uncertainties quoted in the third volume of the published catalog gives $\pm$ 0.28 sec (R.A.), $\pm$ 0.044 arcmin (Dec.) for zones -18 to -57 degrees, $\pm$ 0.157 sec + 0.0764/cos(δ) sec (R.A.), $\pm$ 0.056 arcmin (Dec.) for zones -58 to -85 degrees, and $\pm$ 0.157 sec + 0.0353/cos(δ) sec (R.A.), $\pm$ 0.0127 arcmin (Dec.) for the polar plate where, as explained in the introduction to the third volume, many positions were derived from rectangular coordinates (these are positions reported to 0.1 sec (R.A.) and 0.001 arcmin (Dec.) in the -86 to -89 degree zones in the catalog). The probable error of a photographic magnitude, as determined by combining results for different magnitudes and weighting proportionately according to the numbers of stars in each class of magnitude, is given as $\pm$ 0.055 mag. From an analysis of the faint magnitude limits on the plates discussed in the third volume introduction, the catalog as a whole can be considered complete to photographic magnitude 9.2, but it is stated that it will be found practically complete, in or near the Milky Way, to magnitude 9.5. The total number of stars in the zones -19 to -89 degrees and the total sky area covered result in a mean density of 32.66 stars per square degree, as compared with 15.19 for Argelander's BD, 18.21 for Schönfeld's SD, and 56.00 for the CD zones -22 through -41 degrees.

2 Source Reference

Gill, D. and Kapteyn, J. C. 1895-1900, Cape Photographic Durchmusterung, Ann. Cape Obs. 3 (1895, Part I: zones -18 to -37 degrees); 4 (1897, Part II: zones -38 to -52 degrees); 5 (1900, Part III: zones -53 to -89 degrees).

3 Preparation of the Machine-readable Catalog

The data in the machine-readable *Cape Photographic Durchmusterung* were keypunched directly from the published catalogs. The northern zones (-18 to -32 degrees and -35 degrees) were punched at Case Western Reserve University under the direction of B. N. Rappaport, who initiated the work and used the data as part of a project on the production of star charts by computer. However, only zones -18 through -26 degrees and -28 degrees had been verified and checked thoroughly, and some zones had not been completed. Mr. Rappaport was contacted and volunteered to continue the project and to oversee the punching and verifying of the remaining

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zones and those not verified and checked at Case. These zones were processed by a commercial firm with funding provided by the National Space Science Data Center, but all systematic checking of the completed zones was carried out by Mr. Rappaport on a volunteer basis. The zones were rechecked for counts and errata corrections and the data reformatted by Dr. Wayne H. Warren Jr. The individual zones were then concatenated from disk data sets to magnetic tape file in CPD number order from north to south.

4 The Catalog

As in the printed catalog, the positions are for the 1875 equinox and are given to 0.1^s in right ascension and $0.1'$ in declination for the equinox 1875. Each page is headed by two entries giving the DM number and right ascension for the first and last entries on the page, respectively. Data are present for all stars in the catalog except two which have been deleted in the corrigenda; these have been flagged by a "D" following the number of each respective record, but the records and data have been left in the machine version in order not to change the star counts and numerical sequencing.

All corrections made to the original catalog by incorporation of the errata are presented in Section 5, where it is noted when stars have become disordered in right ascension following the changes. No other corrections or changes have been incorporated into the original data, e.g., from more modern positions and magnitudes or comparison with other catalogs. Users should note that, due to corrections inserted from the errata, the CPD stars are not strictly in right ascension order within each zone.

5 Changes Made to the Catalog

CD	Number	Field	From	To	
-53	8923	RAs	38.5	39.5	
-56	620	MAG	9.2	9.6	
-56	1429	MAG	9.2	8.6	
-60	1	CPD	1	1a	Star count incorrect in published version, p.289.
-60	47	CPD	47	46a	Changes suggested in errata, Vol. III, so
-60	92	CPD	92	91a	as not to change numbers in whole zone.
-60	137	CPD	137	136a	
-61	2560	MAG	9.8	8.2	
-64	987	RAs	10.8	0.8	
-65	4113	RAm	57	5	

CD Number	Field	From	To	
-67 2715	MAG	19.0	10.0	
-67 3620				Delete data; does not exist. "D" after CPD number.
-71 36	RAm	0	1	
-72 2076				Delete data; does not exist. "D" after CPD number.
-73 1696	RAm	55	54	Puts out of order with 1694-5.
-78 848b				Insert: 9.7 14 2 2.5, -78 51.7.

6 Acknowledgments

This project owes its completion to the extensive work and striving for perfection of Barry Rappaport, who supervised the punching of all data, ran numerous machine and manual checks on completed zones, and prepared the preliminary tape of the finished catalog. The quality work of the keypunchers at Case Western Reserve University and Syntronix, Sherman Oaks, California is also greatly appreciated. The encouragement and support of the NSSDC Director, James I. Vette, made the completion of this project possible. Wayne H. Warren Jr. organized the preparation of the machine-readable version of the catalog from which this edition was derived, checked and reformatted the data, and wrote the document on which this introduction is based. Nancy G. Roman prepared the hard-copy version of the catalog.

7 References

Argelander, F. W. A. 1859-1862, *Bonner Sternverzeichniss*, erste bis dritte Sektion, *Astronomischen Beobachtungen auf der Sternwarte der Königlichen Rhein.*, Friedrich-Wilhelms-Universität zu Bonn, Bände **3-5**.

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Küstner, F. 1903, Bonner Durchmusterung des Nordlichen Himmels, zweite berichtigte Auflage, Bonn Universitats Sternwarte (Bonn: A. Marcus und E. Weber's Verlag).

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Thome, J. M. 1892-1932, Cordoba Durchmusterung, Resultados del Observatorio Nacional Argentino 16 (1892, Part I: -22 to -32 degrees), 17 (1894, Part II: -32 to -42 degrees), 18 (1900, Part III: -42 to -52 degrees), 21 (Part I) (1914, Part IV, -52 to -62 degrees), 21 (Part II) (1932, Part V: -62 to -90 degrees).

-53 1 0h00m

-53 360 1h44m

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2	9.0	00005.8	-5337.8	92	10.2	02246.2	-5337.9	182	9.7	04250.1	-5314.0
3	9.4	00013.7	-5302.5	93	10.2	02249.2	-5318.6	183	10.0	04317.6	-5341.7
4	10.6	00028.3	-5341.2	94	8.6	02251.2	-5345.0	184	9.4	04333.1	-5307.5
5	9.6	00047.3	-5331.1	95	9.8	02310.9	-5300.5	185	9.2	04454.1	-5335.4
6	11.0	00048.3	-5351.6	96	9.2	02314.7	-5336.0	186	10.2	04507.1	-5337.9
7	10.0	00101.8	-5313.2	97	10.0	02321.2	-5341.5	187	9.0	04512.4	-5302.0
8	10.2	00223.8	-5328.6	98	9.6	02330.2	-5308.9	188	10.2	04529.9	-5338.2
9	8.0	00225.7	-5301.4	99	9.9	02331.2	-5341.0	189	10.2	04549.4	-5320.2
10	11.0	00241.3	-5311.4	100	10.0	02408.2	-5336.6	190	9.8	04614.9	-5318.7
11	9.4	00242.3	-5343.8	101	10.2	02409.2	-5323.5	191	9.4	04626.9	-5314.2
12	10.6	00259.8	-5315.7	102	9.6	02429.2	-5341.7	192	10.2	04627.4	-5306.0
13	11.0	00313.3	-5358.5	103	10.2	02445.2	-5321.7	193	10.0	04635.9	-5340.0
14	10.0	00329.8	-5340.6	104	10.0	02531.7	-5304.4	194	10.2	04637.4	-5309.9
15	11.0	00348.8	-5349.9	105	6.7	02540.2	-5348.5	195	9.4	04657.9	-5330.3
16	11.0	00356.8	-5303.0	106	9.6	02541.5	-5335.1	196	10.2	04703.2	-5351.3
17	9.8	00402.3	-5355.9	107	9.9	02542.5	-5318.2	197	9.4	04728.5	-5306.0
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79	9.6	01920.2	-5328.7	169	9.9	03847.9	-5301.3	259	10.4	10257.5	-5340.8
80	9.7	01934.1	-5326.2	170	10.2	03850.1	-5311.8	260	10.0	10317.5	-5313.2
81	10.2	01950.7	-5335.5	171	10.2	03910.1	-5334.3	261	10.4	10339.5	-5333.6
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85	10.2	02130.7	-5333.4	175	9.6	04105.6	-5325.3	265	9.5	10422.0	-5301.8
86	9.8	02130.7	-5317.7	176	9.6	04116.5	-5303.0	266	10.0	10423.0	-5326.4
87	9.0	02136.2	-5317.8	177	9.4	04127.6	-5344.4	267	10.2	10434.5	-5342.4
88	7.5	02201.7	-5338.7	178	9.9	04135.1	-5351.1	268	9.2	10445.3	-5359.5
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307	10.2	11518.5	-5324.4								
308	8.2	11540.5	-5307.8								
309	9.4	11540.5	-5347.1								
310	9.3	11623.7	-5356.5								
311	10.4	11643.5	-5327.8								
312	9.6	11648.1	-5357.7								
313	9.2	11720.5	-5317.7								
314	10.4	11724.5	-5300.1								
315	9.4	11725.0	-5309.8								
316	10.0	11750.5	-5320.5								
317	10.4	11804.5	-5332.3								
318	10.4	11820.0	-5301.1								
319	9.5	11847.5	-5317.7								
320	9.0	11900.5	-5309.9								
321	9.2	11901.5	-5342.0								
322	10.4	11924.5	-5358.1								
323	9.4	11937.0	-5327.9								
324	9.3	12006.5	-5352.7								
325	10.4	12030.3	-5359.6								
326	10.4	12036.5	-5350.6								
327	9.2	12044.9	-5346.7								
328	9.1	12302.9	-5317.1								
329	9.8	12304.9	-5346.9								
330	10.0	12334.9	-5332.7								
331	8.8	12428.4	-5307.8								
332	8.0	12429.4	-5300.7								
333	10.0	12430.9	-5334.7								
334	8.8	12433.4	-5308.6								
335	9.2	12440.4	-5326.9								
336	7.7	12517.4	-5308.3								
337	8.9	12645.9	-5333.8								
338	10.0	12738.4	-5308.8								
339	10.0	12739.9	-5352.7								
340	8.4	12751.0	-5315.5								
341	10.0	12833.0	-5359.6								
342	8.2	13047.0	-5350.3								
343	9.4	13050.5	-5315.0								
344	9.2	13124.0	-5351.7								
345	9.6	13303.5	-5335.5								
346	10.0	13308.0	-5323.0								
347	10.0	13358.0	-5321.3								
348	10.0	13406.0	-5342.7								
349	10.0	13459.0	-5339.5								
350	8.4	13642.5	-5333.7								
351	9.2	14000.3	-5357.9								
352	10.0	14010.0	-5341.9								
353	10.0	14050.0	-5320.0								
354	10.0	14110.0	-5317.4								
355	10.0	14238.0	-5337.9								
356	10.0	14259.0	-5348.7								
357	9.0	14354.5	-5304.7								
358	10.0	14410.0	-5356.7								
359	9.2	14420.0	-5355.9								
360	9.0	14424.0	-5337.9								

-53 361 1h44m

-53 720 4h30m

361	9.1	14440.0	-5331.9	451	9.0	23132.2	-5325.2	541	9.2	31010.2	-5347.5	631	10.2	35312.5	-5326.4
362	10.0	14510.0	-5333.5	452	8.7	23156.7	-5335.4	542	11.0	31033.2	-5312.9	632	10.2	35313.5	-5328.3
363	9.4	14529.0	-5323.7	453	10.2	23222.2	-5303.8	543	11.0	31117.4	-5328.6	633	9.0	35352.0	-5336.1
364	9.6	14529.2	-5300.2	454	9.2	23258.7	-5340.4	544	10.6	31117.7	-5327.0	634	8.2	35358.5	-5306.5
365	10.0	14618.0	-5313.3	455	9.8	23303.2	-5306.0	545	10.6	31124.7	-5325.6	635	9.7	35430.5	-5353.1
366	9.6	14700.0	-5333.6	456	10.3	23311.7	-5337.4	546	11.0	31208.7	-5350.1	636	10.0	35502.0	-5346.6
367	10.0	14718.5	-5304.2	457	6.3	23318.2	-5305.3	547	8.9	31310.2	-5323.0	637	10.2	35525.5	-5314.6
368	10.0	14730.0	-5314.4	458	8.9	23323.2	-5325.0	548	9.2	31427.7	-5318.7	638	9.8	35554.5	-5323.1
369	8.0	14820.0	-5318.5	459	9.2	23343.8	-5302.5	549	9.2	31516.2	-5312.1	639	10.2	35613.1	-5310.7
370	8.3	14851.9	-5351.9	460	9.0	23400.2	-5331.7	550	10.8	31547.2	-5357.4	640	10.2	35701.6	-5303.9
371	9.6	14853.9	-5355.9	461	10.0	23431.7	-5346.6	551	10.3	31723.2	-5332.7	641	9.2	35717.1	-5353.1
372	9.1	15021.9	-5326.2	462	7.5	23440.7	-5329.6	552	8.9	31728.7	-5330.5	642	10.0	35733.6	-5355.1
373	10.0	15059.9	-5336.9	463	9.6	23501.3	-5336.4	553	9.6	31740.2	-5323.6	643	9.2	35758.6	-5329.9
374	9.4	15108.4	-5327.2	464	8.6	23502.2	-5341.2	554	9.8	31740.2	-5352.8	644	10.0	35759.6	-5308.5
375	9.6	15156.0	-5319.6	465	7.0	23503.7	-5328.5	555	8.4	31748.7	-5318.4	645	9.6	35808.1	-5331.7
376	9.2	15226.3	-5315.0	466	9.4	23532.7	-5348.2	556	10.0	31749.2	-5344.0	646	9.0	35847.2	-5353.5
377	10.0	15254.0	-5352.9	467	8.4	23628.5	-5320.7	557	9.6	31802.7	-5343.9	647	8.8	35904.7	-5358.0
378	9.8	15324.7	-5314.0	468	8.4	23727.8	-5351.2	558	9.4	31813.2	-5319.2	648	9.9	35949.9	-5347.4
379	9.8	15510.2	-5346.8	469	10.2	23745.3	-5331.8	559	9.4	31850.2	-5321.9	649	7.1	40029.9	-5316.4
380	9.0	15541.7	-5339.4	470	8.8	23845.3	-5330.1	560	9.4	31925.2	-5352.7	650	9.9	40244.9	-5358.7
381	9.8	15614.7	-5339.8	471	10.2	23902.3	-5354.6	561	10.6	31936.2	-5352.2	651	9.6	40309.9	-5350.1
382	9.0	15639.7	-5313.0	472	8.5	23936.3	-5323.1	562	10.2	31938.7	-5306.9	652	8.4	40330.4	-5318.9
383	9.0	15715.8	-5320.6	473	9.0	23949.3	-5328.5	563	10.6	32005.2	-5300.1	653	9.4	40418.9	-5320.9
384	9.6	15718.7	-5326.2	474	10.3	24005.8	-5343.0	564	9.6	32020.7	-5352.5	654	9.9	40450.4	-5322.5
385	10.0	15719.7	-5311.0	475	6.8	24009.8	-5306.0	565	11.0	32100.2	-5322.5	655	8.9	40519.4	-5310.0
386	9.8	15727.2	-5338.1	476	9.4	24019.8	-5306.9	566	9.6	32301.7	-5336.3	656	9.2	40632.4	-5315.7
387	8.1	15800.7	-5308.2	477	8.2	24029.8	-5318.9	567	9.6	32333.2	-5359.9	657	8.8	40645.4	-5309.5
388	8.8	15807.7	-5333.9	478	8.7	24114.8	-5314.4	568	9.4	32438.2	-5332.7	658	9.9	40716.4	-5308.5
389	7.1	15827.2	-5338.3	479	9.8	24135.3	-5353.2	569	11.0	32520.2	-5321.1	659	9.9	40721.4	-5314.2
390	10.0	15905.7	-5340.7	480	9.0	24359.8	-5337.0	570	9.6	32543.7	-5355.9	660	9.4	40724.9	-5308.7
391	9.0	20048.7	-5328.8	481	9.2	24529.8	-5305.8	571	10.3	32603.7	-5343.9	661	8.9	40728.9	-5354.7
392	10.0	20209.7	-5332.8	482	8.9	24545.8	-5316.6	572	11.0	32607.3	-5301.9	662	9.8	40742.9	-5355.1
393	10.0	20209.8	-5337.8	483	9.2	24651.8	-5330.6	573	9.4	32721.4	-5313.5	663	9.6	40800.4	-5344.1
394	8.2	20249.7	-5347.6	484	9.2	24701.8	-5342.9	574	9.6	32731.1	-5346.1	664	7.6	40855.4	-5344.0
395	9.4	20407.7	-5350.2	485	9.8	24710.8	-5331.1	575	10.2	32818.6	-5330.7	665	9.4	40953.9	-5329.9
396	9.9	20449.2	-5313.5	486	9.8	24713.8	-5325.8	576	10.0	32829.3	-5335.6	666	9.9	41017.9	-5309.2
397	9.0	20454.7	-5323.6	487	8.0	24714.8	-5333.1	577	10.0	32900.8	-5342.7	667	9.7	41041.4	-5345.3
398	9.2	20454.7	-5346.5	488	9.4	24717.0	-5301.1	578	9.4	32923.3	-5337.7	668	9.2	41045.4	-5319.8
399	9.0	20504.2	-5319.9	489	8.4	24748.8	-5304.4	579	9.6	32950.5	-5349.8	669	9.6	41054.4	-5338.1
400	8.1	20511.7	-5352.1	490	9.8	24829.3	-5344.8	580	10.0	33027.5	-5336.8	670	9.2	41200.4	-5319.2
401	9.5	20549.2	-5353.4	491	8.2	24836.8	-5323.6	581	9.4	33038.5	-5345.9	671	8.3	41223.9	-5354.9
402	9.5	20607.2	-5308.3	492	8.8	24841.3	-5335.7	582	9.0	33116.5	-5356.2	672	8.2	41244.4	-5337.9
403	9.8	20624.7	-5359.0	493	9.6	24847.3	-5304.7	583	9.9	33121.7	-5302.0	673	9.9	41249.7	-5359.3
404	9.6	20633.7	-5339.3	494	10.3	24915.3	-5354.6	584	10.2	33207.5	-5357.4	674	9.2	41403.4	-5318.5
405	9.9	20714.7	-5334.3	495	9.4	24929.3	-5305.2	585	7.8	33219.5	-5337.2	675	9.2	41404.4	-5320.5
406	9.5	20729.7	-5331.5	496	9.6	24943.2	-5302.8	586	9.2	33237.2	-5358.8	676	8.6	41416.4	-5349.7
407	9.5	20739.7	-5332.2	497	10.3	24956.8	-5357.8	587	7.8	33302.5	-5311.4	677	9.4	41420.9	-5354.0
408	9.9	20747.7	-5311.4	498	10.2	25112.3	-5358.8	588	8.1	33340.5	-5329.2	678	7.5	41510.4	-5312.5
409	8.4	20814.2	-5304.3	499	9.8	25154.3	-5336.4	589	9.6	33356.0	-5354.5	679	6.7	41534.9	-5309.9
410	9.2	20822.5	-5356.6	500	9.8	25249.3	-5339.8	590	9.0	33506.0	-5329.2	680	9.6	41540.4	-5328.3
411	9.4	20830.7	-5358.4	501	9.4	25323.8	-5353.9	591	9.2	33510.5	-5302.6	681	9.2	41540.4	-5345.7
412	9.8	20852.7	-5315.3	502	9.6	25344.8	-5338.1	592	8.8	33604.5	-5354.1	682	9.7	41540.4	-5345.9
413	9.8	20944.7	-5338.9	503	10.3	25427.8	-5307.6	593	10.2	33605.5	-5346.3	683	8.6	41550.4	-5350.9
414	9.6	20954.2	-5319.8	504	10.2	25443.9	-5337.6	594	7.4	33622.0	-5318.9	684	9.6	41554.4	-5333.9
415	9.4	21040.4	-5303.0	505	10.2	25700.6	-5317.4	595	10.0	33648.5	-5307.9	685	8.2	41558.4	-5314.7
416	9.5	21129.7	-5336.3	506	10.0	25710.5	-5313.3	596	8.2	33651.0	-5307.9	686	8.9	41652.9	-5315.3
417	7.2	21141.7	-5328.1	507	10.8	25736.5	-5339.5	597	8.0	33710.5	-5305.9	687	9.7	41731.9	-5341.7
418	8.4	21147.2	-5358.4	508	10.4	25810.0	-5310.0	598	10.0	33737.5	-5354.0	688	9.2	41757.9	-5314.5
419	10.0	21149.7	-5336.7	509	10.0	25814.5	-5348.9	599	9.6	33738.5	-5328.9	689	9.0	42001.4	-5349.5
420	9.5	21234.7	-5343.9	510	10.0	25837.0	-5339.0	600	10.2	33748.5	-5343.3	690	9.9	42018.5	-5336.3
421	9.9	21441.2	-5341.9	511	10.2	25842.0	-5324.3	601	9.4	33755.0	-5338.4	691	9.2	42038.5	-5318.9
422	8.7	21458.7	-5346.3	512	10.8	25850.5	-5338.8	602	9.4	33840.5	-5302.2	692	9.9	42040.5	-5327.4
423	7.7	21638.7	-5332.1	513	10.8	25933.0	-5348.0	603	9.4	33915.0	-5340.3	693	9.7	42131.5	-5356.0
424	9.0	21643.2	-5315.9	514	8.4	30101.0	-5319.0	604	9.4	34040.5	-5354.6	694	9.9	42139.0	-5339.0
425	9.6	21753.2	-5321.1	515	8.6	30102.8	-5302.8	605	8.8	34123.0	-5337.4	695	9.8	42157.5	-5323.8
426	10.0	21810.7	-5310.9	516	10.8	30108.0	-5351.8	606	9.1	34132.0	-5320.5	696	9.8	42211.5	-5331.8
427	10.0	21813.2	-5340.1	517	10.0	30120.5	-5314.3	607	9.8	34230.2	-5358.3	697	9.4	42211.5	-5321.1
428	9.2	21837.7	-5331.6	518	9.8	30140.0	-5319.7	608	10.2	34310.0	-5332.1	698	7.2	42229.5	-5323.7
429	9.9	21842.7	-5338.3	519	9.6	30149.5	-5320.4	609	9.6	34358.0	-5322.1	699	9.9	42251.0	-5347.1
430	9.4	21856.7	-5310.0	520	9.6	30232.0	-5348.2	610	9.6	34450.5	-5359.5	700	9.9	42301.0	-5355.0
431	8.0	21949.2	-5322.7	521	10.0	30235.0	-5333.8	611	8.1	34531.0	-5335.9	701	9.9	42306.0	-5301.9
432	9.9	22049.2	-5320.4	522	8.4	30239.0	-5304.0	612	9.4	34533.0	-5307.5	702	9.6	42319.3	-5301.0
433	8.6	22049.2	-5330.9	523	10.6	30240.3	-5300.6	613	9.2	34539.0	-5318.9	703	9.7	42320.0	-5336.9
434	8.0	22139.7	-5331.6	524	10.0	30244.5	-5348.0	614	7.6	34609.0	-5337.3	704	9.9	42330.0	-5357.9
435	9.1	22202.7	-5350.8	525	10.6	30330.5	-5336.3	615	9.7	34651.5	-5348.3	705	9.4	42340.0	-5338.8
436	10.0	22219.7	-5329.0	526	10.0	30342.5	-5322.0	616	9.1	34654.0	-5317.9	706	8.0	42344.5	-5359.2
437	8.6	22219.9	-5352.8	527	11.0	30347.0	-5313.6	617	9.2	34704.3	-5301.5	707	9.6	42424.5	-5335.0
438	10.0	22224.7	-5319.0	528	10.0	30411.0	-5318.4	618	10.2	34717.5	-5320.1	708	7.8	42427.5	-5341.0
439	9.9	22247.2	-5320.4	529	9.6	30515.0	-5322.6	619	9.8	34751.0	-5331.3	709	9.7	42629.5	-5330.2
440	9.1	22307.9	-5349.4	530	10.8	30536.0	-5349.2	620	9.4	34801.5	-5359.7	710	9.9	42634.5	-5304.9
441	10.3	22427.1	-5336.0	531	9.8	30632.5	-5355.7	621	8.8	34837.0	-5317.5	711	7.8	42650.5	-5315.2
442	8.9	22440.0	-5302.4	532	10.8	30636.5	-5331.6	622	9.8	34838.5	-5332.1	712	9.2	42702.0	-5343.6
443	10.3	22715.2	-5306.9	533	11.0	30644.5	-5334.4	623	10.2	34916.0	-5321.1	713	9.2	42714.5	-5318.7
444	10.3	22838.3	-5359.9	534	9.6	30646.0	-5313.6	624	9.9	34935.0	-5326.9	714	8.6	42721.0	-5343.5
445	10.3	22920.2	-5302.9	535	10.0	30725.5	-5313.0	625	9.2	34937.0	-5316.8	715	9.7	42751.5	-5317.2
446	10.0	23030.2	-5339.5	536	10.3	30741.5	-5321.8	626	9.4	34948.5	-5337.4	716	9.2	42908.3	-5357.9
447	10.3	23041.2	-5303.3	537	10.2	30751.7	-5319.2	627	9.4	35040.5	-5328.9	717	9.9	43028.5	-5313.9
448	9.2	23050.2	-5340.8	538	8.7	30755.7	-5321.3	628	6.5	35117.5	-5303.4	718	9.7	43030.0	-5351.0
449	10.0	23120.2	-5327.5	539	10.0	30915.2	-5312.3	629	8.5	35149.5	-5332.2	719	9.6	43036.5	-5326.9
450	10.0	23130.2	-5322.1	540	8.4	31001.7	-5308.1	630	9.0	35309.0	-5318.0	720	9.2	43053.0	-5319.3

-53 721 4h30m

721	9.9	43059.7	-5358.6
722	9.9	43135.0	-5313.2
723	9.4	43146.5	-5339.0
724	9.8	43153.6	-5300.3
725	9.4	43212.0	-5340.2
726	9.8	43237.0	-5342.7
727	8.8	43237.0	-5303.7
728	9.6	43237.0	-5306.9
729	8.4	43242.9	-5347.8
730	9.7	43243.3	-5329.1
731	9.2	43259.8	-5354.0
732	9.1	43305.8	-5330.1
733	9.4	43356.3	-5353.7
734	9.3	43426.3	-5348.2
735	9.6	43501.5	-5359.1
736	9.3	43635.4	-5312.4
737	9.0	43658.4	-5323.9
738	9.0	43715.4	-5311.8
739	9.2	43736.9	-5317.1
740	9.4	43748.9	-5301.7
741	9.2	43804.4	-5351.6
742	9.7	43916.1	-5350.3
743	9.1	43944.9	-5337.3
744	9.4	44009.9	-5354.1
745	9.7	44017.9	-5354.1
746	9.7	44025.9	-5329.9
747	9.6	44028.9	-5316.3
748	9.4	44053.9	-5355.4
749	9.1	44140.4	-5329.3
750	8.8	44244.8	-5339.4
751	9.6	44320.8	-5324.2
752	9.7	44325.3	-5309.0
753	9.2	44412.3	-5350.6
754	9.6	44421.8	-5315.2
755	9.1	44437.8	-5319.9
756	9.4	44454.8	-5311.0
757	9.2	44541.7	-5328.9
758	9.6	44650.7	-5313.0
759	8.4	44708.7	-5329.7
760	6.5	44808.7	-5340.5
761	9.7	44810.3	-5306.3
762	9.2	44817.7	-5305.7
763	8.8	44831.2	-5337.0
764	9.6	44857.7	-5329.1
765	9.3	45010.7	-5339.0
766	9.6	45027.2	-5323.0
767	9.6	45032.2	-5305.0
768	9.0	45042.2	-5351.8
769	9.3	45130.7	-5344.0
770	8.3	45158.7	-5307.0
771	9.7	45337.7	-5306.6
772	8.3	45341.2	-5313.3
773	9.3	45342.7	-5302.3
774	7.8	45401.0	-5302.7
775	9.1	45404.2	-5327.3
776	8.7	45438.7	-5312.3
777	8.7	45457.7	-5335.2
778	9.7	45508.7	-5303.3
779	9.7	45532.7	-5333.0
780	9.2	45645.7	-5353.0
781	9.2	45656.6	-5343.0
782	9.2	45812.1	-5359.0
783	8.7	45819.1	-5311.4
784	9.7	45819.1	-5349.9
785	9.7	45838.0	-5323.5
786	9.6	45904.1	-5315.7
787	9.4	45949.6	-5303.8
788	9.6	50118.6	-5331.8
789	9.1	50128.1	-5316.1
790	9.7	50136.1	-5350.7
791	9.2	50209.6	-5318.7
792	9.2	50239.4	-5326.6
793	9.4	50241.4	-5344.3
794	9.3	50243.4	-5302.2
795	9.6	50311.9	-5332.2
796	9.3	50319.4	-5345.0
797	10.4	50320.4	-5301.7
798	9.6	50400.6	-5337.8
799	9.4	50427.1	-5314.8
800	7.8	50456.6	-5343.3
801	9.7	50512.6	-5302.0
802	10.0	50515.3	-5358.8
803	9.7	50520.4	-5311.6
804	10.0	50520.6	-5325.8
805	9.3	50526.6	-5309.4
806	10.0	50544.1	-5330.4
807	9.8	50548.6	-5337.2
808	9.2	50558.1	-5323.7
809	9.4	50627.1	-5352.1
810	10.0	50707.6	-5343.4
811	8.4	50724.1	-5340.6
812	10.0	50742.0	-5301.0
813	10.0	50849.5	-5357.4
814	10.0	50919.5	-5311.3
815	9.8	50952.5	-5326.8
816	9.4	50959.0	-5353.6
817	8.1	51057.5	-5307.2
818	10.0	51138.5	-5318.8
819	10.0	51208.5	-5315.8
820	8.4	51228.5	-5314.0
821	9.2	51248.5	-5346.7
822	9.4	51301.5	-5304.9
823	10.0	51340.0	-5334.2
824	10.0	51340.0	-5352.8
825	8.8	51349.5	-5327.7
826	8.9	51352.5	-5306.0
827	10.0	51356.8	-5305.1
828	9.6	51433.0	-5316.6
829	9.3	51443.0	-5352.2
830	8.9	51526.0	-5332.5
831	9.8	51527.0	-5325.2
832	9.4	51529.0	-5350.8
833	9.2	51534.5	-5331.7
834	9.8	51544.5	-5334.5
835	9.7	51603.5	-5304.2
836	10.0	51617.0	-5326.4
837	9.7	51622.5	-5309.1
838	9.0	51643.5	-5302.9
839	9.6	51654.5	-5317.3
840	9.4	51712.5	-5334.6
841	9.6	51721.0	-5323.3
842	9.4	51805.0	-5359.7
843	9.6	51819.5	-5353.4
844	9.4	51845.5	-5327.7
845	10.0	51849.0	-5305.0
846	8.1	51853.5	-5326.0
847	9.4	51854.0	-5355.9
848	8.9	51855.5	-5305.3
849	10.0	51904.5	-5307.1
850	9.4	51919.0	-5329.2
851	10.0	51919.0	-5351.7
852	9.0	51940.5	-5351.7
853	9.4	51959.0	-5304.4
854	9.6	52013.5	-5351.4
855	9.2	52019.3	-5352.9
856	9.4	52042.8	-5333.5
857	10.0	52055.6	-5358.1
858	10.0	52102.3	-5342.7
859	7.4	52128.8	-5332.4
860	10.0	52131.8	-5303.1
861	10.0	52137.3	-5304.6
862	9.4	52222.3	-5311.6
863	8.0	52300.3	-5335.5
864	8.0	52310.3	-5341.5
865	9.2	52319.8	-5304.0
866	10.0	52323.8	-5311.7
867	9.4	52342.7	-5301.3
868	10.0	52351.3	-5355.5
869	9.6	52359.8	-5316.8
870	9.4	52409.3	-5350.9
871	9.6	52423.3	-5355.7
872	9.4	52424.3	-5310.4
873	9.7	52443.8	-5309.0
874	10.0	52517.8	-5324.5
875	10.0	52531.3	-5312.6
876	7.7	52544.3	-5359.1
877	9.6	52628.8	-5343.2
878	9.6	52634.8	-5302.0
879	8.2	52702.8	-5321.6
880	10.0	52707.3	-5345.3
881	10.0	52717.8	-5351.2
882	10.0	52719.8	-5334.9
883	9.2	52800.3	-5319.7
884	10.0	52834.8	-5335.0
885	9.6	52900.3	-5329.3
886	8.8	52923.8	-5337.0
887	10.0	52929.8	-5352.8
888	8.7	52934.8	-5353.7
889	10.0	53000.3	-5341.1
890	9.6	53018.3	-5320.4
891	10.0	53019.8	-5318.8
892	9.4	53037.3	-5302.9
893	9.6	53054.8	-5339.5
894	9.4	53233.8	-5354.2
895	9.6	53236.3	-5314.1
896	9.6	53309.8	-5330.3
897	8.9	53321.3	-5305.2
898	10.0	53411.8	-5309.4
899	10.0	53419.7	-5314.5
900	10.0	53426.8	-5352.0
901	8.7	53440.8	-5346.3
902	9.4	53500.5	-5327.2
903	7.4	53501.0	-5336.5
904	9.0	53502.1	-5334.3
905	9.8	53511.3	-5310.8
906	9.8	53543.8	-5302.2
907	9.6	53603.5	-5303.2
908	9.8	53608.8	-5332.7
909	9.8	53647.0	-5310.0
910	10.4	53655.8	-5325.3
911	10.2	53710.3	-5351.7
912	10.4	53710.8	-5355.0
913	9.4	53713.8	-5321.5
914	9.3	53754.3	-5317.3
915	8.2	53800.8	-5308.4
916	7.4	53801.3	-5316.8
917	10.4	53803.3	-5344.2
918	9.9	53829.8	-5347.7
919	10.4	53856.8	-5353.5
920	10.2	53928.8	-5348.6
921	9.6	54001.3	-5307.6
922	9.8	54008.3	-5303.9
923	10.4	54029.3	-5327.8
924	9.0	54101.3	-5344.3
925	9.2	54120.8	-5325.7
926	10.0	54221.8	-5334.5
927	9.6	54225.8	-5313.5
928	9.8	54230.8	-5335.8
929	10.4	54235.3	-5354.7
930	10.2	54241.3	-5331.9
931	10.4	54333.8	-5332.1
932	10.0	54342.8	-5316.7
933	7.0	54346.8	-5315.7
934	9.4	54428.8	-5315.8
935	9.8	54450.8	-5320.5
936	9.3	54455.8	-5345.6
937	9.4	54458.8	-5315.0
938	10.2	54510.8	-5306.5
939	9.9	54513.8	-5356.1
940	8.1	54514.8	-5340.4
941	9.3	54556.3	-5342.7
942	9.4	54613.3	-5318.9
943	8.4	54616.8	-5330.0
944	8.8	54619.8	-5328.3
945	10.4	54639.8	-5348.2
946	10.4	54716.7	-5307.9
947	10.4	54728.2	-5325.1
948	10.2	54729.2	-5332.2
949	10.4	54732.7	-5302.9
950	7.8	54758.7	-5326.9
951	9.4	54759.7	-5321.5
952	10.4	54812.2	-5326.7
953	8.8	54845.2	-5336.9
954	8.1	54851.2	-5341.0
955	9.0	54912.7	-5303.2
956	10.2	54927.7	-5319.4
957	9.6	55004.2	-5319.0
958	10.0	55021.2	-5303.9
959	9.8	55021.7	-5308.6
960	8.8	55132.7	-5314.0
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962	10.4	55148.7	-5331.8
963	9.6	55154.7	-5308.9
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966	10.4	55227.7	-5308.0
967	10.0	55228.2	-5314.1
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973	9.6	55302.2	-5355.6
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980	10.2	55449.7	-5308.6
981	10.2	55501.2	-5344.6
982	9.1	55501.2	-5325.0
983	10.2	55524.2	-5313.0
984	8.8	55527.2	-5332.5
985	10.2	55611.7	-5326.1
986	8.2	55618.7	-5348.5
987	9.6	55657.2	-5318.3
988	10.0	55700.2	-5332.9
989	9.2	55720.2	-5340.9
990	9.0	55732.2	-5355.1

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991	9.6	55816.2	-5347.1
992	8.4	55840.7	-5334.7
993	9.9	55859.2	-5334.3
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1001	9.8	60030.2	-5322.8
1002	8.0	60049.2	-5353.1
1003	9.9	60105.2	-5326.7
1004	9.0	60120.2	-5345.6
1005	10.2	60158.2	-5353.8
1006	8.4	60222.2	-5312.1
1007	10.2	60223.7	-5305.2
1008	9.4	60225.2	-5342.0
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1010	8.6	60254.7	-5348.5
1011	10.0	60256.7	-5339.0
1012	9.0	60300.2	-5307.2
1013	9.9	60320.2	-5342.0
1014	10.0	60321.2	-5304.4
1015	9.6	60329.2	-5325.8
1016	10.0	60339.2	-5337.8
1017	9.1	60340.2	-5304.3
1018	8.8	60417.2	-5333.4
1019	9.1	60442.2	-5348.9
1020	9.1	60527.2	-5312.7
1021	10.4	60530.2	-5355.5
1022	8.2	60534.2	-5315.9
1023	8.8	60535.7	-5335.7
1024	10.4	60555.2	-5340.8
1025	10.0	60602.7	-5347.0
1026	9.0	60613.7	-5350.4
1027	8.8	60625.2	-5355.5
1028	9.2	60631.2	-5303.1
1029	10.4	60650.7	-5329.7
1030	8.6	60654.4	-5351.9
1031	10.2	60700.2	-5327.4
1032	10.4	60707.4	-5309.6
1033	9.9	60810.2	-5338.5
1034	10.4	60818.7	-5348.2
1035	9.4	60819.7	-5312.0
1036	8.4	60836.9	-5322.9
1037	10.0	60907.7	-5307.1
1038	10.0	60940.2	-5311.1
1039	9.4	60955.2	-5329.5
1040	9.8	60958.7	-5313.8
1041	10.0	61021.2	-5302.0
1042	9.4	61050.6	-5314.6
1043	9.2	61112.6	-5334.8
1044	8.6	61134.1	-5320.2
1045	8.6	61149.1	-5302.5
1046	10.0	61216.8	-5300.5
1047	9.3	61238.1	-5342.4
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1049	9.8	61307.1	-5304.0
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1053	9.8	61452.1	-5345.2
1054	10.0	61501.6	-5340.4
1055	7.7	61504.6	-5355.9
1056	7.0	61527.6	-5330.6
1057	7.8	61554.1	-5334.8
1058	9.6	61610.1	-5333.4
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1061	10.0	61737.1	-5310.0
1062	9.6	61808.1	-5340.3
1063	9.4	61820.6	-5351.3
1064	9.3	61841.1	-5304.8
1065	9.6	61850.1	-5333.0
1066	9.6	61915.1	-5336.1
1067	10.0	61916.6	-5326.8
1068	8.0	61925.1	-5354.6
1069	9.4	61936.1	-5315.8
1070	7.2	61939.1	-5316.3
1071	8.4	62050.8	-5321.5
1072	9.4	62058.8	-5300.9
1073	9.4	62113.3	-5336.5
1074	9.4	62120.8	-5314.2
1075	8.8	62138.8	-5330.5
1076	9.4	62149.3	-5342.5
1077	8.8	62207.8	-5313.4
1078	9.4	62224.8	-5313.6
1079	9.6	62300.3	-5324.0
1080	8.8	62302.9	-5302.0

1081	9.4	62314.8	-5318.1	1171	9.8	64805.8	-5336.2	1261	10.0	70724.0	-5335.9
1082	9.4	62329.8	-5310.1	1172	9.6	64905.3	-5325.2	1262	9.8	70729.5	-5313.6
1083	9.4	62333.8	-5325.4	1173	10.0	64930.8	-5331.1	1263	9.5	70741.5	-5355.0
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1085	9.4	62409.8	-5318.8	1175	10.1	64953.8	-5339.5	1265	9.4	70759.5	-5344.6
1086	8.4	62414.8	-5330.3	1176	10.0	65005.3	-5303.6	1266	9.4	70759.5	-5304.3
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1088	8.0	62440.3	-5329.3	1178	10.1	65021.0	-5300.9	1268	10.0	70814.0	-5354.1
1089	9.6	62459.8	-5307.2	1179	10.0	65025.8	-5320.0	1269	9.8	70817.0	-5311.7
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1091	9.8	62604.3	-5302.6	1181	9.5	65033.3	-5317.2	1271	10.1	70838.0	-5321.5
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1094	9.4	62707.3	-5336.7	1184	9.6	65109.7	-5359.7	1274	9.6	70909.0	-5324.1
1095	10.0	62711.0	-5319.1	1185	9.8	65110.7	-5340.1	1275	9.6	70913.0	-5301.4
1096	9.2	62712.3	-5338.7	1186	10.2	65113.7	-5317.3	1276	9.1	70914.0	-5300.3
1097	9.4	62747.3	-5332.1	1187	9.8	65136.7	-5334.9	1277	10.0	70930.0	-5308.1
1098	10.0	62804.8	-5329.3	1188	9.6	65150.2	-5315.8	1278	10.0	70934.5	-5316.7
1099	9.6	62857.3	-5307.4	1189	9.8	65201.2	-5311.7	1279	10.1	71000.5	-5339.0
1100	8.4	62907.2	-5310.4	1190	9.6	65216.7	-5338.3	1280	8.2	71004.5	-5340.7
1101	9.8	62921.2	-5314.2	1191	9.6	65222.7	-5305.2	1281	10.3	71016.0	-5327.7
1102	9.3	62939.2	-5338.5	1192	9.1	65241.7	-5342.1	1282	9.6	71041.0	-5330.7
1103	10.0	62955.2	-5340.2	1193	8.5	65257.7	-5329.9	1283	10.2	71050.0	-5346.5
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1106	10.0	63120.4	-5301.2	1196	9.5	65322.2	-5322.3	1286	10.3	71059.5	-5330.8
1107	10.0	63129.2	-5321.4	1197	10.1	65330.7	-5341.3	1287	9.1	71109.0	-5316.9
1108	10.0	63129.7	-5355.7	1198	10.3	65332.6	-5308.2	1288	9.8	71116.1	-5320.1
1109	10.0	63204.2	-5330.0	1199	9.4	65335.3	-5301.3	1289	9.0	71120.3	-5349.0
1110	8.2	63209.2	-5310.8	1200	9.6	65347.7	-5349.1	1290	9.5	71144.5	-5326.9
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1112	10.0	63231.2	-5327.8	1202	10.3	65400.7	-5314.9	1292	8.4	71158.1	-5313.7
1113	9.1	63231.2	-5317.2	1203	9.8	65434.2	-5346.5	1293	9.4	71158.5	-5334.1
1114	9.4	63232.2	-5356.9	1204	10.1	65444.2	-5349.3	1294	9.6	71211.0	-5335.5
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1116	9.6	63309.2	-5347.8	1206	8.8	65526.7	-5343.9	1296	10.3	71216.7	-5326.8
1117	10.0	63329.2	-5327.2	1207	9.8	65553.9	-5358.7	1297	9.8	71224.5	-5304.2
1118	9.0	63430.2	-5321.8	1208	9.2	65554.7	-5357.5	1298	10.0	71228.5	-5337.7
1119	9.6	63438.2	-5312.0	1209	9.4	65608.7	-5324.0	1299	9.0	71249.7	-5314.4
1120	9.3	63442.7	-5301.8	1210	8.6	65619.7	-5318.2	1300	9.0	71255.2	-5318.3
1121	10.0	63454.2	-5359.9	1211	9.1	65630.7	-5325.2	1301	8.0	71257.2	-5322.7
1122	8.7	63502.7	-5309.3	1212	8.6	65646.2	-5311.3	1302	7.8	71323.2	-5349.2
1123	9.4	63507.7	-5346.3	1213	10.3	65651.2	-5335.1	1303	8.5	71331.7	-5305.9
1124	10.0	63532.7	-5305.6	1214	9.0	65724.7	-5343.7	1304	8.7	71350.7	-5312.8
1125	9.2	63542.7	-5338.6	1215	9.4	65802.7	-5354.7	1305	9.6	71353.2	-5334.5
1126	8.0	63549.7	-5332.5	1216	9.5	65819.7	-5303.2	1306	9.3	71400.7	-5345.3
1127	10.0	63604.2	-5347.1	1217	10.3	65826.2	-5312.8	1307	9.7	71410.7	-5334.6
1128	9.0	63608.2	-5347.1	1218	10.3	65832.0	-5308.1	1308	9.6	71421.7	-5346.0
1129	9.4	63619.2	-5306.1	1219	9.8	65834.5	-5352.1	1309	9.7	71439.7	-5354.4
1130	9.8	63638.7	-5351.1	1220	9.5	65835.0	-5337.6	1310	9.7	71521.7	-5325.3
1131	9.2	63644.7	-5303.4	1221	10.1	65835.5	-5344.0	1311	9.2	71526.7	-5305.5
1132	8.8	63649.2	-5335.7	1222	10.3	65900.0	-5321.7	1312	9.0	71532.1	-5301.5
1133	7.4	63700.2	-5320.1	1223	10.2	65901.0	-5310.1	1313	9.6	71602.7	-5335.5
1134	8.8	63742.1	-5357.2	1224	9.6	65910.5	-5341.5	1314	9.6	71645.7	-5352.7
1135	10.0	63802.6	-5348.2	1225	10.2	65920.5	-5317.2	1315	8.4	71720.4	-5358.7
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1137	9.8	63832.1	-5351.6	1227	8.6	65929.5	-5332.3	1317	9.2	71745.7	-5314.1
1138	9.6	63910.9	-5334.5	1228	10.1	65936.0	-5349.0	1318	9.6	71752.4	-5359.3
1139	9.8	63915.1	-5318.2	1229	9.0	65941.5	-5321.5	1319	8.6	71800.7	-5332.1
1140	9.8	63932.1	-5329.0	1230	10.1	70002.5	-5337.0	1320	9.2	71814.7	-5311.3
1141	9.4	64023.9	-5345.4	1231	10.1	70019.5	-5343.2	1321	8.2	71816.7	-5338.7
1142	9.6	64027.4	-5359.7	1232	9.6	70036.5	-5323.5	1322	9.6	71817.4	-5349.0
1143	9.6	64040.7	-5316.5	1233	10.3	70039.5	-5341.4	1323	8.4	71820.4	-5323.4
1144	10.3	64104.4	-5309.7	1234	10.0	70113.5	-5306.9	1324	9.4	71831.4	-5308.0
1145	9.1	64124.4	-5340.0	1235	9.0	70140.0	-5332.9	1325	9.7	71900.9	-5354.0
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1147	10.2	64143.2	-5353.3	1237	10.2	70208.5	-5350.2	1327	9.6	71945.9	-5315.0
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1149	9.8	64238.7	-5350.8	1239	10.3	70245.5	-5301.6	1329	9.6	71959.4	-5308.8
1150	10.3	64308.7	-5307.0	1240	7.6	70246.5	-5355.8	1330	9.7	72028.9	-5328.7
1151	9.1	64318.8	-5306.0	1241	10.1	70251.5	-5345.0	1331	7.7	72029.4	-5315.8
1152	9.8	64323.8	-5345.0	1242	10.3	70255.0	-5302.7	1332	9.2	72040.9	-5340.0
1153	10.0	64337.8	-5315.5	1243	9.0	70259.5	-5311.0	1333	9.7	72049.4	-5314.2
1154	10.1	64338.3	-5312.4	1244	10.3	70319.5	-5353.7	1334	7.0	72050.4	-5325.6
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1156	9.2	64358.8	-5313.5	1246	8.8	70347.0	-5342.3	1336	9.3	72200.4	-5343.6
1157	10.1	64414.8	-5301.4	1247	9.4	70410.5	-5320.9	1337	9.7	72319.4	-5305.9
1158	8.6	64433.3	-5316.6	1248	9.8	70414.0	-5349.4	1338	9.2	72351.9	-5320.5
1159	9.6	64438.8	-5325.0	1249	10.0	70500.0	-5320.6	1339	9.7	72356.4	-5354.3
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1162	8.0	64545.8	-5345.1	1252	9.6	70531.5	-5325.5	1342	9.0	72505.9	-5314.0
1163	7.5	64559.8	-5352.4	1253	9.6	70543.5	-5344.4	1343	9.3	72508.4	-5345.0
1164	10.3	64605.9	-5331.3	1254	10.3	70600.0	-5335.1	1344	8.8	72515.3	-5302.5
1165	8.8	64607.3	-5336.3	1255	10.2	70601.0	-5309.5	1345	9.4	72521.4	-5345.0
1166	9.8	64633.8	-5342.5	1256	8.6	70602.5	-5342.5	1346	9.3	72614.9	-5302.6
1167	9.6	64701.8	-5341.8	1257	9.4	70607.5	-5339.2	1347	9.4	72622.4	-5328.8
1168	6.3	64708.8	-5328.5	1258	8.3	70632.5	-5320.5	1348	9.6	72632.4	-5353.0
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1170	10.2	64751.8	-5340.0	1260	8.2	70712.0	-5319.3	1350	9.7	72717.4	-5302.0
1351	9.7	72720.4	-5308.6								
1352	9.2	72810.4	-5317.3								
1353	8.6	72835.4	-5336.0								
1354	9.6	72840.4	-5343.4								
1355	9.7	72908.4	-5306.9								
1356	9.6	72911.4	-5345.0								
1357	7.4	72950.0	-5317.1								
1358	9.4	73000.0	-5328.7								
1359	9.6	73032.0	-5324.9								
1360	9.4	73048.0	-5341.5								
1361	9.2	73051.9	-5357.9								
1362	9.2	73101.5	-5353.3								
1363	9.6	73116.0	-5335.1								
1364	9.7	73134.0	-5325.0								
1365	7.5	73134.5	-5347.5								
1366	9.7	73139.0	-5309.3								
1367	8.7	73148.0	-5338.6								
1368	8.4	73150.0	-5340.1								
1369	9.0	73202.5	-5320.1								
1370	9.0	73227.0	-5326.8								
1371	8.6	73230.0	-5333.8								
1372	8.2	73240.0	-5350.9								
1373	9.3	73255.0	-5343.9								
1374	9.0	73315.0	-5334.7								
1375	8.4	73319.5	-5332.4								
1376	9.4	73326.0	-5307.1								
1377	9.4	73329.5	-5351.9								
1378	7.0	73332.0	-5354.5								
1379	9.0	73340.5	-5326.1								
1380	9.6	73340.5	-5317.3								
1381	9.4	73341.0	-5310.0								
1382	9.0	73344.0	-5326.2								
1383	8.2	73405.0	-5347.9								
1384	9.4	73424.5	-5346.9								
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1387	9.2	73500.5	-5314.5								
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1391	8.4	73530.0	-5349.9								
1392	9.2	73532.5	-5334.9								
1393	9.7	73540.5	-5321.2								
1394	8.3	73602.0	-5352.9								
1395	9.7	73602.2	-5337.8								
1396	9.3	73612.2	-5322.4								
1397	9.2	73612.7	-5300.9								
1398	8.9	73643.2	-5314.6								
1399	8.8	73651.2	-5321.0								
1400	8.0	73709.7	-5341.4								
1401	9.2	73719.7	-5315.0								
1402	9.3	73725.2	-5350.0								
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1404	9.7	73739.4	-5322.1								
1405	9.3	73739.7	-5311.8								
1406	8.5	73747.2	-5314.3								
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1410	9.7	73857.7	-5311.4								
1411	9.3	73929.2	-5359.0								
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1415	9.7	74001.2	-5315.8								
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1418	7.5	74033.7	-5356.6								
1419	9.6	74036.5	-5300.4								
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1421	9.4	74051.7	-5317.2								
1422	9.3	74055.7	-5359.0								
1423	9.6	74104.7	-5341.2								
1424	9.0	74110.7	-5345.1								
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1427	9.7	74218.0	-5314.4								
1428	9.4	74338.2	-5356.2								
1429	9.0	74344.5	-5332.5								
1430	8.8	74409.2	-5307.5								
1431	9.2	74417.8	-5318.9								
1432	7.1	74419.8	-5301.4								
1433	8.2	74450.8	-5356.7								
1434	10.0	74531.8	-5337.1								
1435	10.0	74545.8	-5313.7								
1436	10.0	74609.5	-5359.8								
1437	10.2	74618.3	-5300.8								
1438	9.8	74623.3	-5314.9								
1439	10.0	74626.8	-5344.5								
1440	9.2	74627.8	-5342.6								

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1441 9.8	74652.8	-5335.0	
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1451 9.8	74830.8	-5350.3	
1452 10.0	74830.8	-5325.7	
1453 10.2	74831.2	-5302.1	
1454 8.9	74837.5	-5302.3	
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1462 9.8	74941.0	-5313.1	
1463 10.0	74955.0	-5315.5	
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1465 9.5	75023.0	-5320.1	
1466 9.4	75024.5	-5345.5	
1467 9.6	75033.5	-5323.0	
1468 9.8	75050.5	-5306.7	
1469 10.2	75051.0	-5317.5	
1470 10.2	75058.5	-5347.2	
1471 10.2	75104.5	-5341.9	
1472 9.6	75105.5	-5313.9	
1473 9.6	75112.0	-5338.9	
1474 9.6	75114.0	-5335.5	
1475 10.0	75114.5	-5310.1	
1476 9.0	75116.0	-5342.7	
1477 9.4	75142.0	-5357.7	
1478 10.2	75148.5	-5308.2	
1479 9.4	75217.0	-5316.9	
1480 8.4	75219.0	-5317.5	
1481 9.2	75226.5	-5326.7	
1482 8.6	75257.0	-5344.9	
1483 9.8	75258.0	-5338.3	
1484 10.0	75304.0	-5312.5	
1485 9.4	75336.0	-5303.9	
1486 9.2	75337.0	-5346.0	
1487 9.5	75418.0	-5341.7	
1488 10.0	75423.0	-5341.2	
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1490 9.4	75426.5	-5308.2	
1491 10.2	75448.5	-5359.2	
1492 10.0	75504.5	-5324.1	
1493 10.0	75516.0	-5308.0	
1494 9.8	75527.5	-5341.0	
1495 9.4	75532.5	-5342.9	
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1502 9.6	75640.0	-5357.6	
1503 9.4	75642.3	-5302.1	
1504 9.6	75743.5	-5352.7	
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1506 9.8	75749.5	-5328.5	
1507 9.2	75816.0	-5307.4	
1508 9.8	75826.5	-5310.3	
1509 9.2	75833.5	-5341.1	
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1513 10.2	75921.0	-5351.5	
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1515 10.0	75931.0	-5333.6	
1516 8.4	75951.0	-5305.7	
1517 9.5	75951.0	-5329.1	
1518 8.6	80003.5	-5339.5	
1519 10.2	80008.5	-5318.1	
1520 10.2	80019.5	-5317.2	
1521 10.2	80032.0	-5322.0	
1522 8.6	80034.5	-5350.2	
1523 9.4	80046.0	-5312.9	
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1527 10.2	80127.0	-5352.7	
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1531 9.6	80256.0	-5321.3	
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1535 10.2	80317.2	-5340.5	
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1543 9.6	80501.0	-5327.0	
1544 9.6	80504.5	-5310.0	
1545 10.0	80518.5	-5305.4	
1546 10.2	80531.5	-5331.0	
1547 8.6	80621.0	-5310.5	
1548 9.6	80631.5	-5306.2	
1549 10.0	80638.5	-5349.2	
1550 9.6	80642.5	-5318.2	
1551 9.2	80650.0	-5305.4	
1552 10.2	80801.0	-5348.6	
1553 10.0	80806.0	-5321.4	
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1556 9.8	80823.0	-5350.0	
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1566 10.2	80943.8	-5302.1	
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1574 10.2	81059.8	-5300.0	
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1578 10.0	81110.3	-5316.5	
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1588 9.6	81207.8	-5327.8	
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1590 10.2	81210.8	-5353.8	
1591 10.2	81211.8	-5319.0	
1592 7.8	81215.8	-5309.2	
1593 10.0	81231.8	-5323.5	
1594 9.5	81257.3	-5340.5	
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1597 9.8	81321.8	-5308.3	
1598 9.4	81322.3	-5343.3	
1599 9.4	81323.3	-5339.3	
1600 9.4	81323.3	-5335.9	
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1603 9.6	81338.8	-5308.6	
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1605 9.8	81351.8	-5307.7	
1606 10.0	81355.8	-5355.3	
1607 10.2	81414.3	-5339.4	
1608 9.2	81418.3	-5358.5	
1609 10.2	81426.8	-5326.0	
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1612 10.1	81521.1	-5321.6	
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1615 9.6	81544.2	-5301.5	
1616 10.1	81601.1	-5324.8	
1617 9.6	81610.6	-5346.6	
1618 9.4	81629.1	-5312.4	
1619 9.4	81629.9	-5345.0	
1620 9.7	81629.9	-5309.8	

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1621 8.7	81630.6	-5330.3	
1622 9.8	81633.7	-5331.2	
1623 9.8	81636.1	-5334.0	
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1626 9.8	81642.1	-5335.6	
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1628 9.6	81651.6	-5306.5	
1629 10.0	81652.6	-5307.2	
1630 10.0	81656.1	-5322.7	
1631 10.1	81656.6	-5334.1	
1632 10.1	81711.1	-5350.8	
1633 9.7	81713.6	-5320.4	
1634 10.1	81723.6	-5334.9	
1635 10.1	81740.6	-5328.8	
1636 10.1	81749.6	-5308.4	
1637 8.8	81751.1	-5320.8	
1638 9.8	81752.6	-5302.6	
1639 10.1	81753.1	-5302.0	
1640 10.1	81754.1	-5327.3	
1641 10.1	81806.1	-5315.2	
1642 9.6	81809.6	-5322.4	
1643 10.1	81810.6	-5355.8	
1644 10.1	81812.1	-5300.3	
1645 10.1	81841.6	-5351.5	
1646 9.6	81859.5	-5357.0	
1647 8.8	81905.6	-5327.4	
1648 9.1	81920.6	-5323.0	
1649 8.9	81932.1	-5304.8	
1650 10.0	81932.6	-5352.9	
1651 10.0	81944.1	-5322.4	
1652 10.0	81950.1	-5342.9	
1653 10.0	82020.1	-5302.4	
1654 10.1	82020.6	-5359.9	
1655 10.0	82038.1	-5342.8	
1656 9.4	82040.1	-5325.7	
1657 9.6	82048.6	-5331.8	
1658 8.7	82050.1	-5347.9	
1659 8.5	82055.6	-5307.0	
1660 9.8	82100.6	-5337.0	
1661 9.6	82107.6	-5303.9	
1662 9.6	82108.6	-5320.3	
1663 9.8	82109.1	-5310.6	
1664 7.6	82111.6	-5319.7	
1665 10.1	82121.1	-5329.9	
1666 9.8	82121.1	-5315.7	
1667 10.0	82129.6	-5302.9	
1668 9.8	82132.1	-5328.4	
1669 9.7	82132.1	-5353.3	
1670 9.6	82133.1	-5345.0	
1671 9.8	8215..0	-5359.6	
1672 9.6	8220..6	-5326.5	
1673 9.7	82220.1	-5352.9	
1674 10.0	82240.1	-5319.9	
1675 10.1	82255.1	-5336.3	
1676 10.0	82256.6	-5314.1	
1677 9.1	82300.6	-5310.7	
1678 9.2	82300.6	-5330.9	
1679 10.0	82303.1	-5303.9	
1680 9.2	82305.6	-5334.7	
1681 9.2	82319.6	-5336.7	
1682 10.1	82325.1	-5339.3	
1683 9.2	82332.6	-5349.3	
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1685 9.2	82357.9	-5302.9	
1686 8.1	82400.1	-5338.3	
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1689 9.7	82417.1	-5329.9	
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1696 10.1	82448.6	-5349.9	
1697 9.8	82451.1	-5319.7	
1698 9.8	82454.6	-5347.1	
1699 9.4	82500.6	-5347.3	
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1701 10.0	82502.1	-5307.5	
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1703 10.1	82512.1	-5309.1	
1704 10.0	82514.1	-5351.9	
1705 9.6	82531.6	-5350.7	
1706 9.4	82600.6	-5319.7	
1707 7.0	82610.6	-5347.6	
1708 9.2	82622.6	-5351.7	
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1710 10.1	82641.6	-5327.1	
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1712 10.1	82654.1	-5335.3	
1713 10.0	82654.1	-5329.0	
1714 9.6	82655.1	-5359.5	
1715 10.0	82719.1	-5325.3	
1716 10.1	82719.1	-5301.3	
1717 9.7	82720.6	-5355.5	
1718 9.8	82722.4	-5358.3	
1719 10.0	82727.1	-5304.7	
1720 9.6	82732.1	-5318.1	
1721 8.4	82746.1	-5340.2	
1722 9.4	82750.6	-5324.9	
1723 9.0	82752.1	-5309.7	
1724 9.6	82755.6	-5341.6	
1725 10.0	82759.1	-5311.9	
1726 9.8	82800.6	-5323.9	
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1730 9.8	82821.6	-5321.7	
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1732 9.6	82827.6	-5316.7	
1733 10.1	82842.6	-5303.7	
1734 9.6	82851.6	-5322.7	
1735 8.7	82907.6	-5341.9	
1736 10.0	82910.1	-5336.1	
1737 9.4	82914.2	-5328.9	
1738 10.1	82920.1	-5348.9	
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1740 9.8	82935.1	-5343.2	
1741 9.6	82940.6	-5332.9	
1742 10.1	82950.6	-5309.3	
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1744 9.4	83009.1	-5345.9	
1745 9.6	83011.1	-5340.1	
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1748 9.8	83031.6	-5345.3	
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1750 9.4	83044.1	-5335.5	
1751 10.1	83055.6	-5324.5	
1752 9.6	83111.1	-5344.3	
1753 9.4	83113.1	-5349.2	
1754 9.4	83115.6	-5323.3	
1755 8.9	83115.6	-5303.3	
1756 9.4	83129.4	-5300.1	
1757 9.4	83140.6	-5337.5	
1758 9.6	83142.6	-5326.3	
1759 10.0	83145.1	-5317.1	
1760 7.2	83146.6	-5346.5	
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1762 9.7	83151.1	-5309.3	
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1766 10.1	83220.1	-5345.6	
1767 9.4	83220.1	-5353.1	
1768 10.0	83221.6	-5341.3	
1769 9.6	83222.1	-5306.3	
1770 8.9	83231.6	-5310.9	
1771 10.1	83235.6	-5306.7	
1772 9.4	83238.6	-5325.9	
1773 8.8	83240.4	-5302.7	
1774 10.1	83252.6	-5306.3	
1775 9.4	83259.6	-5335.0	
1776 9.6	83311.1	-5353.9	
1777 9.3	83312.9	-5323.1	
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1780 8.4	83401.4	-5309.5	
1781 9.6	83402.4	-5338.5	
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1785 10.1	83422.4	-5319.5	
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1787 9.4	83439.4	-5325.5	
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1789 7.8	83454.9	-5317.0	
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1791 10.1	83502.7	-5356.1	
1792 10.1	83511.4	-5339.9	
1793 8.8	83517.9	-5304.9	
1794 10.1	83528.7	-5325.1	
1795 9.4	83549.9	-5321.7	
1796 5.7	83552.7	-5300.0	
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1798 10.1	83604.4	-5319.5	
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1800 9.8	83606.9	-5317.0	

-53 1801 8h36m

-53 2160 9h04m

1801	10.1	83628.4	-5310.3	1891	9.4	84347.8	-5334.4	1981	9.6	85049.8	-5336.9	2071	9.6	85916.8	-5335.4
1802	10.1	83630.4	-5355.4	1892	9.3	84349.8	-5342.6	1982	9.1	85100.3	-5333.9	2072	7.1	85920.3	-5303.4
1803	9.4	83633.4	-5341.2	1893	9.8	84353.8	-5315.3	1983	9.2	85107.8	-5318.5	2073	9.6	85924.5	-5337.9
1804	7.4	83633.9	-5324.5	1894	9.2	84359.0	-5300.5	1984	9.6	85111.3	-5327.7	2074	9.1	85940.3	-5355.1
1805	9.6	83635.9	-5311.6	1895	9.4	84404.3	-5356.0	1985	9.6	85112.8	-5332.6	2075	9.2	85956.3	-5339.7
1806	10.0	83637.7	-5324.6	1896	10.1	84404.8	-5329.6	1986	9.6	85115.8	-5345.9	2076	9.6	85959.3	-5318.2
1807	9.3	83642.4	-5313.5	1897	10.1	84405.3	-5301.0	1987	9.6	85119.8	-5343.0	2077	9.3	90002.5	-5302.0
1808	9.0	83645.4	-5300.0	1898	8.9	84409.8	-5317.6	1988	9.4	85124.8	-5305.6	2078	9.0	90002.8	-5334.7
1809	9.0	83649.4	-5341.5	1899	8.9	84410.8	-5306.4	1989	9.6	85125.9	-5301.1	2079	9.1	90005.3	-5333.6
1810	9.8	83655.4	-5316.7	1900	10.1	84416.8	-5305.0	1990	9.6	85129.8	-5316.1	2080	9.6	90008.3	-5332.3
1811	10.1	83702.4	-5321.1	1901	8.5	84424.8	-5327.0	1991	9.0	85144.3	-5330.1	2081	9.4	90009.8	-5325.6
1812	10.0	83708.4	-5312.7	1902	9.7	84425.6	-5317.5	1992	9.6	85149.8	-5353.7	2082	8.8	90010.3	-5314.2
1813	8.4	83710.4	-5339.9	1903	9.7	84427.6	-5330.9	1993	9.2	85149.8	-5325.5	2083	10.0	90014.7	-5301.2
1814	10.0	83715.4	-5342.1	1904	8.1	84429.6	-5307.9	1994	9.1	85155.8	-5320.3	2084	9.6	90017.3	-5342.0
1815	9.8	83718.9	-5311.1	1905	10.1	84433.6	-5358.7	1995	9.4	85202.8	-5325.5	2085	9.6	90019.0	-5300.9
1816	9.7	83721.4	-5318.1	1906	10.0	84439.4	-5302.6	1996	9.6	85210.8	-5356.3	2086	8.8	90021.8	-5312.1
1817	9.0	83731.0	-5319.6	1907	8.3	84439.6	-5307.3	1997	9.6	85225.2	-5334.1	2087	9.6	90022.8	-5341.9
1818	10.1	83739.5	-5302.2	1908	9.6	84439.6	-5332.7	1998	8.2	85244.3	-5319.1	2088	9.2	90024.8	-5312.8
1819	9.0	83751.0	-5311.4	1909	8.7	84440.6	-5319.5	1999	9.6	85246.8	-5305.1	2089	9.4	90025.3	-5309.1
1820	9.6	83800.0	-5309.6	1910	9.7	84455.1	-5357.9	2000	8.8	85249.3	-5350.5	2090	9.4	90031.0	-5301.2
1821	9.6	83806.5	-5306.5	1911	10.1	84502.6	-5317.3	2001	8.9	85303.8	-5319.9	2091	9.4	90041.3	-5344.7
1822	9.8	83809.2	-5357.1	1912	9.4	84513.1	-5344.1	2002	9.6	85308.6	-5300.7	2092	9.0	90049.3	-5306.5
1823	10.0	83810.5	-5300.9	1913	10.0	84518.6	-5337.3	2003	8.4	85309.3	-5348.2	2093	9.6	90056.3	-5309.7
1824	10.1	83822.5	-5313.7	1914	8.6	84521.6	-5348.5	2004	8.6	85310.3	-5344.1	2094	9.6	90057.8	-5358.1
1825	8.4	83843.5	-5342.2	1915	10.1	84525.6	-5301.7	2005	9.1	85316.3	-5348.9	2095	9.4	90100.8	-5303.8
1826	8.8	83849.0	-5327.2	1916	10.1	84528.1	-5351.3	2006	9.3	85320.3	-5348.0	2096	9.4	90101.3	-5309.1
1827	9.3	83851.5	-5334.4	1917	10.1	84538.1	-5344.3	2007	8.8	85332.3	-5306.9	2097	9.4	90108.3	-5303.7
1828	9.8	83852.5	-5305.0	1918	10.1	84540.6	-5359.7	2008	8.8	85352.8	-5322.9	2098	9.6	90109.3	-5339.6
1829	10.1	83855.5	-5314.2	1919	10.1	84548.6	-5357.9	2009	9.4	85355.3	-5332.5	2099	9.4	90109.8	-5307.7
1830	9.8	83913.5	-5331.4	1920	9.1	84553.8	-5301.3	2010	9.6	85355.3	-5301.7	2100	9.6	90115.3	-5311.9
1831	9.4	83915.0	-5352.9	1921	9.2	84605.1	-5342.3	2011	9.6	85401.3	-5322.1	2101	9.6	90121.3	-5338.5
1832	10.1	83920.5	-5357.4	1922	9.6	84608.6	-5329.1	2012	9.6	85402.3	-5340.7	2102	9.0	90123.8	-5344.6
1833	10.0	83921.1	-5351.9	1923	8.3	84610.6	-5333.3	2013	9.3	85421.8	-5315.1	2103	9.6	90124.8	-5309.7
1834	8.0	83921.5	-5318.0	1924	10.1	84611.1	-5358.7	2014	9.2	85432.8	-5336.2	2104	9.6	90125.0	-5300.0
1835	10.0	83922.0	-5342.0	1925	9.2	84611.3	-5300.9	2015	9.6	85436.3	-5347.1	2105	9.4	90129.8	-5322.9
1836	9.7	83925.5	-5342.4	1926	10.0	84612.6	-5350.1	2016	9.6	85444.3	-5346.9	2106	9.6	90133.2	-5302.0
1837	10.0	83930.0	-5327.0	1927	9.7	84613.1	-5345.3	2017	9.4	85449.0	-5300.9	2107	9.6	90141.3	-5303.1
1838	10.1	83931.5	-5339.8	1928	9.8	84617.0	-5302.3	2018	9.6	85450.3	-5328.2	2108	9.4	90142.3	-5326.7
1839	9.4	83932.0	-5345.9	1929	8.9	84621.6	-5348.5	2019	9.2	85450.3	-5312.2	2109	9.6	90143.8	-5322.8
1840	9.6	83938.5	-5311.8	1930	10.1	84638.6	-5353.3	2020	9.1	85451.8	-5350.0	2110	9.6	90144.8	-5319.3
1841	9.8	83942.5	-5308.8	1931	9.4	84639.1	-5346.5	2021	9.6	85458.3	-5322.9	2111	9.6	90151.3	-5335.0
1842	7.6	84002.5	-5304.4	1932	10.1	84639.6	-5302.7	2022	9.2	85500.3	-5319.2	2112	9.6	90153.8	-5321.6
1843	9.7	84006.0	-5319.0	1933	9.4	84643.6	-5358.1	2023	9.6	85525.6	-5301.8	2113	9.1	90200.1	-5330.6
1844	10.0	84014.5	-5307.1	1934	10.1	84644.6	-5316.7	2024	9.2	85539.2	-5301.4	2114	9.2	90204.6	-5328.9
1845	9.8	84025.0	-5324.8	1935	9.4	84653.6	-5339.9	2025	9.6	85547.8	-5351.3	2115	9.1	90211.1	-5337.6
1846	10.1	84025.5	-5306.6	1936	10.1	84654.7	-5357.4	2026	9.2	85554.4	-5356.5	2116	9.6	90211.6	-5307.1
1847	9.6	84033.5	-5328.3	1937	9.6	84659.6	-5322.4	2027	9.6	85600.3	-5313.1	2117	9.4	90220.6	-5307.4
1848	9.8	84042.0	-5347.8	1938	10.0	84700.6	-5333.7	2028	9.6	85601.3	-5321.3	2118	9.0	90228.6	-5303.1
1849	9.6	84101.0	-5322.0	1939	9.8	84708.6	-5340.9	2029	9.2	85601.8	-5306.9	2119	9.6	90231.6	-5317.8
1850	10.1	84109.0	-5342.0	1940	9.6	84710.1	-5355.7	2030	8.8	85601.8	-5335.1	2120	9.6	90238.1	-5353.4
1851	10.1	84110.0	-5308.8	1941	9.2	84712.0	-5342.7	2031	9.6	85602.8	-5326.1	2121	9.3	90238.1	-5300.2
1852	9.6	84112.0	-5329.8	1942	10.1	84712.6	-5355.7	2032	8.0	85604.3	-5344.9	2122	8.2	90246.1	-5335.2
1853	9.8	84113.0	-5327.6	1943	8.0	84713.0	-5338.7	2033	9.6	85607.8	-5352.9	2123	9.4	90251.6	-5312.1
1854	9.7	84115.0	-5335.6	1944	9.6	84716.5	-5340.9	2034	9.6	85608.9	-5357.7	2124	9.6	90253.6	-5318.8
1855	10.1	84120.5	-5319.7	1945	10.1	84720.5	-5329.8	2035	9.0	85609.8	-5305.0	2125	9.4	90254.6	-5350.1
1856	10.0	84126.0	-5350.2	1946	10.0	84723.5	-5346.8	2036	9.6	85612.3	-5348.4	2126	9.6	90300.6	-5314.0
1857	8.4	84129.8	-5305.3	1947	10.0	84724.5	-5319.9	2037	9.6	85612.3	-5316.8	2127	9.6	90307.1	-5329.0
1858	10.1	84132.3	-5303.3	1948	9.6	84729.9	-5335.3	2038	9.6	85622.8	-5337.0	2128	9.0	90310.1	-5349.0
1859	10.0	84135.0	-5357.0	1949	9.7	84733.9	-5341.3	2039	9.3	85625.2	-5359.8	2129	9.2	90317.1	-5341.2
1860	9.8	84140.8	-5343.8	1950	9.8	84735.0	-5320.1	2040	9.0	85630.3	-5337.0	2130	9.4	90317.6	-5314.6
1861	9.6	84141.8	-5351.3	1951	9.6	84742.0	-5352.8	2041	9.6	85633.8	-5315.1	2131	9.0	90318.1	-5329.5
1862	8.9	84142.8	-5324.0	1952	8.8	84758.5	-5319.5	2042	9.1	85636.5	-5339.8	2132	9.6	90318.1	-5345.5
1863	9.4	84145.8	-5319.2	1953	9.7	84807.8	-5302.0	2043	9.2	85640.5	-5315.8	2133	9.3	90319.6	-5312.6
1864	10.1	84147.0	-5346.0	1954	10.1	84810.0	-5352.3	2044	9.2	85644.8	-5328.9	2134	9.6	90320.1	-5346.8
1865	9.6	84153.8	-5359.1	1955	10.0	84816.7	-5302.4	2045	9.6	85644.8	-5308.8	2135	9.2	90320.6	-5340.1
1866	9.6	84153.8	-5313.3	1956	9.8	84820.5	-5327.7	2046	9.2	85645.8	-5337.2	2136	9.1	90321.6	-5337.1
1867	9.4	84154.8	-5337.7	1957	9.0	84821.5	-5307.1	2047	9.4	85655.8	-5306.3	2137	9.2	90324.1	-5326.1
1868	8.5	84156.3	-5310.5	1958	9.6	84825.6	-5322.7	2048	9.0	85657.9	-5358.0	2138	9.6	90325.6	-5302.0
1869	10.0	84159.8	-5344.6	1959	9.6	84829.3	-5320.9	2049	9.4	85700.3	-5351.0	2139	9.2	90325.6	-5330.3
1870	10.1	84200.6	-5357.5	1960	9.0	84832.3	-5311.1	2050	7.6	85701.3	-5352.4	2140	9.4	90332.1	-5306.4
1871	9.3	84209.8	-5359.4	1961	9.4	84855.3	-5341.5	2051	9.2	85705.8	-5313.4	2141	9.3	90333.6	-5305.4
1872	10.0	84209.8	-5349.9	1962	9.4	84857.6	-5358.5	2052	9.4	85719.3	-5352.4	2142	9.6	90335.6	-5320.0
1873	9.2	84210.8	-5303.9	1963	9.1	84915.8	-5341.1	2053	9.4	85722.3	-5325.0	2143	9.3	90338.6	-5333.8
1874	10.1	84213.8	-5307.3	1964	9.6	84924.3	-5343.6	2054	9.6	85730.3	-5309.1	2144	9.1	90345.6	-5330.1
1875	9.4	84217.8	-5300.1	1965	9.6	84945.8	-5340.1	2055	8.6	85734.8	-5303.4	2145	9.4	90358.1	-5307.0
1876	10.1	84218.0	-5348.5	1966	9.1	84954.3	-5354.5	2056	9.2	85736.8	-5310.4	2146	9.4	90358.6	-5333.4
1877	10.1	84221.3	-5351.6	1967	9.0	85003.3	-5302.5	2057	9.6	85737.3	-5331.0	2147	9.4	90401.6	-5313.4
1878	8.8	84236.8	-5315.7	1968	9.2	85006.8	-5340.7	2058	9.3	85740.3	-5351.9	2148	9.3	90401.6	-5351.2
1879	9.9	84241.8	-5315.7	1969	9.3	85009.8	-5324.1	2059	9.4	85743.3	-5337.0	2149	9.4	90407.6	-5338.0
1880	9.6	84241.8	-5317.8	1970	9.4	85010.9	-5357.5	2060	9.4	85747.3	-5312.2	2150	8.4	90418.1	-5347.2
1881	9.7	84249.8	-5310.1	1971	9.2	85011.6	-5300.8	2061	9.6	85751.3	-5335.4	2151	9.6	90420.1	-5316.3
1882	9.6	84251.8	-5340.2	1972	9.6	85026.3	-5312.7	2062	8.6	85800.3	-5336.8	2152	8.2	90422.1	-5336.1
1883	9.8	84255.8	-5318.4	1973	9.6	85027.8	-5308.1	2063	9.3	85801.3	-5312.4	2153	9.1	90424.6	-5344.0
1884	9.8	84300.8	-5338.8	1974	10.0	85032.0	-5302.6	2064	9.1	85805.3	-5303.8	2154	9.6	90437.1	-5352.7
1885	10.1	84303.2	-5341.1	1975	8.5	85035.3	-5350.3	2065	9.4	85811.8	-5304.4	2155	9.6	90437.6	-5321.8
1886	9.7	84304.2	-5329.8	1976	9.3	85035.8	-5354.1	2066	9.6	85812.3	-5308.8	2156	9.3	90438.6	-5346.1
1887	10.0	84308.2	-5300.1	1977	9.6	85039.3	-5350.9	2067	9.4	85821.3	-5309.4	2157	8.8	90439.6	-5330.7
1888	8.0	84317.8	-5344.3	1978	9.2	85045.3	-5323.3	2068	9.3	85827.3	-5356.2	2158	8.7	90449.6	-5336.9
1889	9.6	84324.2	-5351.1	1979	9.1	85046.3	-5351.4	2069	9.6	85844.3	-5321.6	2159	9.3	90451.6	-5315.5
1890	9.8	84327.2	-5312.4	1980	10.0	85049.0	-5300.9	2070	9.4	85853.5	-5342.3	2160	9.6	90453.6	-5359.9

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2161	9.0	90454.6	-5353.1	2251	9.4	91110.1	-5359.8	2341	9.1	91813.5	-5321.8
2162	7.6	90454.6	-5351.9	2252	9.1	91112.1	-5347.7	2342	9.6	91816.0	-5322.4
2163	9.4	90457.6	-5334.0	2253	9.2	91117.6	-5323.0	2343	9.4	91818.7	-5321.9
2164	7.7	90502.6	-5305.3	2254	9.6	91122.1	-5318.5	2344	9.6	91821.5	-5320.7
2165	9.6	90514.1	-5355.1	2255	9.3	91126.1	-5354.1	2345	8.4	91823.5	-5356.1
2166	9.4	90520.1	-5307.1	2256	9.1	91130.6	-5340.1	2346	9.2	91826.0	-5327.5
2167	9.2	90521.1	-5306.5	2257	9.1	91130.6	-5305.3	2347	8.0	91829.0	-5312.2
2168	9.6	90521.6	-5331.1	2258	9.3	91144.1	-5334.9	2348	9.6	91832.5	-5353.1
2169	9.0	90526.6	-5317.6	2259	9.3	91146.6	-5323.2	2349	9.2	91832.5	-5325.5
2170	9.6	90532.6	-5337.5	2260	10.0	91152.2	-5301.1	2350	9.4	91836.0	-5325.7
2171	9.6	90540.6	-5304.9	2261	9.2	91201.1	-5330.4	2351	9.4	91841.3	-5325.1
2172	8.8	90557.6	-5354.2	2262	10.0	91204.4	-5301.0	2352	9.3	91856.5	-5350.0
2173	9.4	90612.1	-5309.6	2263	10.0	91210.2	-5300.8	2353	9.2	91857.5	-5349.7
2174	9.1	90613.6	-5321.4	2264	9.4	91211.6	-5356.1	2354	8.9	91903.0	-5351.3
2175	9.2	90619.6	-5324.1	2265	9.6	91216.1	-5341.3	2355	8.7	91905.0	-5304.9
2176	9.6	90620.8	-5300.5	2266	9.6	91220.1	-5300.2	2356	7.8	91907.0	-5317.1
2177	9.3	90621.1	-5350.6	2267	9.6	91221.1	-5337.2	2357	9.4	91913.0	-5342.8
2178	9.4	90626.1	-5322.5	2268	9.2	91230.1	-5353.5	2358	9.2	91915.0	-5311.9
2179	9.6	90629.6	-5302.5	2269	9.3	91231.1	-5322.2	2359	9.4	91917.5	-5300.6
2180	9.3	90630.1	-5343.2	2270	8.8	91244.1	-5321.3	2360	9.4	91923.5	-5343.0
2181	9.4	90635.1	-5351.2	2271	9.4	91245.6	-5319.8	2361	9.6	91928.7	-5314.8
2182	8.8	90640.1	-5322.3	2272	8.2	91246.1	-5325.6	2362	9.4	91940.5	-5352.0
2183	9.6	90641.6	-5308.4	2273	9.6	91255.6	-5317.9	2363	9.6	91948.0	-5304.1
2184	9.0	90642.6	-5322.6	2274	9.6	91255.6	-5348.1	2364	9.6	91948.1	-5315.8
2185	9.6	90643.6	-5322.1	2275	9.6	91301.1	-5304.0	2365	9.1	91948.2	-5343.2
2186	9.2	90647.1	-5344.3	2276	9.4	91309.6	-5312.8	2366	9.6	91949.8	-5349.1
2187	9.1	90648.6	-5316.1	2277	9.3	91310.1	-5359.7	2367	9.6	91952.8	-5326.6
2188	9.6	90650.1	-5323.6	2278	9.3	91337.6	-5331.6	2368	9.6	91957.8	-5326.3
2189	9.1	90704.1	-5324.8	2279	8.8	91341.1	-5359.7	2369	9.3	91959.5	-5336.8
2190	9.6	90707.6	-5315.8	2280	9.4	91347.1	-5329.0	2370	9.6	92002.0	-5303.1
2191	9.4	90711.6	-5342.7	2281	8.0	91350.8	-5358.3	2371	9.0	92002.5	-5347.5
2192	9.6	90715.6	-5328.4	2282	9.4	91353.9	-5354.6	2372	9.6	92007.8	-5343.8
2193	9.3	90718.1	-5353.7	2283	9.6	91358.9	-5356.4	2373	9.6	92009.5	-5315.8
2194	9.6	90724.6	-5352.0	2284	9.6	91409.4	-5344.6	2374	9.6	92018.3	-5332.9
2195	8.6	90726.3	-5358.1	2285	9.6	91415.9	-5331.0	2375	10.4	92020.8	-5337.2
2196	8.4	90728.6	-5310.4	2286	9.0	91419.7	-5301.2	2376	10.4	92025.8	-5300.1
2197	9.4	90730.6	-5312.9	2287	9.1	91427.9	-5300.8	2377	10.4	92031.8	-5355.9
2198	9.6	90733.6	-5349.6	2288	9.6	91429.0	-5357.0	2378	10.4	92033.9	-5326.8
2199	9.2	90734.1	-5320.5	2289	9.6	91430.4	-5314.9	2379	9.5	92042.3	-5326.4
2200	9.3	90738.1	-5351.6	2290	9.3	91442.8	-5301.2	2380	10.0	92042.3	-5348.5
2201	9.6	90740.6	-5324.1	2291	9.6	91444.4	-5339.6	2381	10.0	92052.8	-5337.4
2202	9.0	90743.1	-5357.3	2292	9.4	91444.4	-5310.1	2382	10.2	92055.3	-5343.8
2203	8.4	90744.1	-5335.8	2293	8.1	91449.9	-5305.1	2383	10.4	92100.8	-5324.1
2204	9.4	90748.6	-5353.7	2294	9.6	91451.9	-5322.3	2384	10.2	92103.8	-5309.7
2205	7.2	90749.6	-5331.4	2295	9.4	91451.9	-5340.8	2385	10.4	92107.6	-5301.4
2206	9.2	90809.9	-5301.9	2296	9.6	91503.9	-5318.4	2386	10.4	92110.7	-5300.9
2207	9.0	90811.1	-5327.6	2297	9.6	91505.4	-5304.2	2387	10.4	92117.3	-5331.4
2208	9.4	90811.6	-5336.5	2298	9.2	91506.4	-5314.1	2388	8.0	92121.8	-5355.5
2209	7.6	90812.6	-5326.9	2299	9.2	91517.4	-5350.8	2389	10.4	92130.3	-5330.2
2210	9.6	90813.1	-5350.4	2300	8.9	91519.4	-5330.0	2390	10.2	92130.8	-5323.9
2211	9.6	90816.1	-5357.7	2301	9.6	91520.9	-5304.5	2391	8.6	92136.8	-5338.3
2212	9.6	90819.1	-5353.1	2302	9.4	91531.9	-5331.0	2392	10.0	92137.8	-5322.7
2213	9.2	90820.6	-5301.0	2303	9.3	91533.9	-5318.1	2393	10.4	92138.8	-5318.3
2214	9.3	90822.1	-5354.0	2304	8.6	91536.4	-5351.4	2394	9.4	92138.8	-5314.3
2215	9.0	90830.1	-5346.0	2305	9.4	91539.6	-5300.8	2395	10.2	92144.4	-5302.7
2216	9.4	90832.6	-5326.4	2306	8.2	91542.4	-5312.1	2396	8.6	92146.8	-5306.0
2217	8.6	90837.1	-5311.2	2307	9.3	91543.4	-5320.0	2397	9.0	92151.8	-5321.4
2218	9.0	90843.5	-5308.9	2308	9.3	91549.4	-5355.4	2398	10.4	92153.3	-5330.1
2219	9.4	90844.6	-5341.9	2309	9.4	91551.9	-5317.8	2399	10.4	92154.8	-5326.7
2220	9.2	90846.1	-5307.9	2310	9.4	91557.9	-5318.0	2400	10.0	92156.8	-5307.4
2221	9.6	90857.1	-5342.6	2311	9.6	91602.5	-5301.4	2401	7.8	92156.8	-5317.9
2222	9.6	90900.1	-5341.2	2312	9.6	91603.5	-5339.6	2402	10.4	92158.8	-5348.4
2223	9.4	90911.6	-5342.2	2313	9.2	91603.5	-5303.0	2403	10.4	92201.3	-5334.1
2224	9.6	90915.7	-5304.7	2314	9.4	91606.0	-5308.0	2404	8.9	92203.8	-5304.0
2225	9.6	90919.1	-5303.8	2315	9.4	91608.0	-5326.4	2405	10.2	92206.3	-5324.8
2226	9.4	90924.1	-5346.2	2316	9.6	91613.5	-5351.3	2406	8.4	92212.3	-5349.8
2227	7.9	90928.1	-5328.0	2317	9.2	91613.5	-5317.4	2407	10.2	92216.8	-5359.0
2228	9.4	90935.1	-5328.5	2318	9.2	91617.7	-5357.4	2408	9.5	92217.3	-5337.6
2229	9.0	90937.6	-5333.4	2319	9.6	91620.5	-5357.1	2409	10.0	92219.3	-5308.7
2230	9.4	90939.1	-5325.7	2320	9.1	91628.9	-5359.3	2410	10.2	92221.3	-5343.7
2231	9.2	90955.6	-5301.2	2321	9.6	91645.0	-5307.8	2411	10.2	92222.3	-5340.0
2232	9.4	90958.6	-5342.6	2322	9.4	91659.0	-5301.7	2412	9.4	92222.5	-5302.4
2233	9.0	90959.1	-5345.0	2323	8.8	91659.5	-5334.4	2413	10.4	92222.8	-5304.9
2234	9.3	91007.1	-5332.3	2324	9.0	91700.8	-5301.9	2414	10.4	92229.3	-5337.9
2235	9.4	91014.6	-5337.2	2325	9.0	91704.0	-5306.1	2415	10.0	92231.3	-5348.6
2236	10.0	91014.7	-5300.4	2326	9.4	91704.5	-5330.9	2416	10.0	92234.3	-5337.3
2237	9.4	91016.1	-5340.0	2327	9.6	91707.5	-5351.1	2417	10.4	92235.3	-5306.2
2238	9.2	91016.6	-5304.2	2328	9.1	91715.0	-5354.0	2418	10.2	92236.8	-5346.6
2239	9.1	91036.1	-5314.9	2329	9.6	91729.5	-5311.5	2419	10.4	92244.3	-5339.0
2240	9.1	91047.6	-5359.1	2330	9.4	91731.0	-5331.9	2420	9.4	92244.8	-5319.9
2241	8.6	91051.1	-5307.6	2331	9.6	91735.0	-5324.7	2421	10.4	92251.8	-5304.9
2242	9.6	91054.1	-5345.6	2332	9.6	91741.7	-5336.0	2422	10.0	92252.8	-5344.8
2243	9.6	91055.6	-5346.1	2333	8.9	91745.5	-5302.5	2423	7.6	92253.8	-5348.7
2244	10.0	91057.3	-5301.0	2334	9.0	91749.5	-5330.4	2424	10.4	92258.8	-5338.0
2245	9.6	91057.6	-5316.6	2335	8.8	91755.0	-5316.5	2425	10.4	92300.8	-5347.9
2246	8.8	91059.1	-5345.7	2336	9.6	91759.0	-5354.4	2426	10.4	92300.8	-5348.9
2247	8.8	91100.1	-5301.9	2337	9.6	91803.0	-5337.9	2427	10.2	92306.8	-5354.7
2248	9.4	91100.7	-5327.9	2338	9.6	91806.5	-5323.0	2428	9.8	92313.8	-5325.2
2249	9.3	91101.1	-5312.5	2339	9.6	91807.7	-5348.6	2429	9.0	92315.3	-5346.0
2250	9.4	91105.6	-5346.0	2340	9.4	91811.0	-5344.9	2430	10.4	92316.8	-5343.0

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2431	10.4	92317.8	-5321.9	2461	10.2	92430.8	-5352.3	2491	9.2	92601.3	-5311.8
2432	10.4	92317.8	-5306.0	2462	9.8	92435.3	-5345.9	2492	10.4	92601.3	-5355.3
2433	7.9	92319.8	-5325.5	2463	10.0	92437.3	-5354.6	2493	9.8	92602.3	-5317.4
2434	10.4	92324.7	-5301.5	2464	10.4	92437.8	-5321.1	2494	10.2	92603.3	-5314.6
2435	9.8	92324.8	-5329.9	2465	10.0	92443.8	-5320.8	2495	10.4	92606.8	-5354.3
2436	9.8	92325.3	-5318.1	2466	10.4	92445.8	-5323.5	2496	10.4	92608.7	-5350.9
2437	10.4	92327.7	-5322.3	2467	9.8	92446.3	-5344.9	2497	10.0	92615.2	-5323.6
2438	9.8	92328.8	-5349.9	2468	9.8	92446.8	-5314.0	2498	10.4	92615.7	-5342.0
2439	9.5	92329.3	-5355.1	2469	10.4	92448.3	-5305.7	2499	9.4	92627.2	-5316.6
2440	10.2	92329.6	-5359.3	2470	10.4	92454.3	-5330.5	2500	10.4	92630.2	-5348.5
2441	10.4	92330.8	-5325.0	2471	8.6	92456.1	-5357.0	2501	10.4	92633.2	-5312.6
2442	9.8	92330.8	-5329.4	2472	9.8	92459.8	-5347.1	2502	10.0	92639.7	-5309.5
2443	10.2	92332.3	-5333.9	2473	8.8	92500.8	-5308.2	2503	10.4	92642.2	-5304.2
2444	10.0	92337.8	-5342.1	2474	9.0	92500.8	-5353.2	2504	10.2	92649.7	-5327.3
2445	10.0	92340.8	-5344.1	2475	10.4	92501.8	-5302.9	2505	9.8	92652.2	-5328.1
2446	9.4	92342.3	-5341.8	2476	10.4	92503.8	-5342.5	2506	10.4	92655.2	-5328.3
2447	10.4	92342.8	-5326.7	2477	10.4	92506.8	-5318.6	2507	10.0	92656.2	-5343.0
2448	10.2	92343.3	-5316.2	2478	10.4	92512.3	-5301.5	2508	10.2	92657.7	-5309.9
2449	9.6	92354.3	-5329.9	2479	10.4	92513.0	-5300.5	2509	10.2	92702.2	-5307.8
2450	9.4	92354.8	-5319.0	2480	10.0	92513.3	-5312.1	2510	10.2	92706.7	-5325.0
2451	9.6	92359.8	-5341.6	2481	9.6	92515.8	-5332.6	2511	10.4	92707.2	-5339.2
2452	10.0	92400.8	-5345.2	2482	10.0	92521.3	-5313.5	2512	10.4	92716.7	-5359.5
2453	10.4	92402.1	-5359.1	2483	9.4	92525.8	-5346.0	2513	7.8	92716.7	-5314.8
2454	10.2	92402.3	-5305.7	2484	9.8	92526.2	-5302.9	2514	10.0	92716.9	-5301.6
2455	9.8	92403.3	-5303.7	2485	10.4	92527.8	-5325.4	2515	10.0	92718.7	-5343.6
2456	10.0	92409.8	-5345.3	2486	10.0	92528.8	-5340.8	2516	10.2	92722.7	-5319.9
2457	8.1	92410.8	-5322.4	2487	10.4	92543.3	-5315.4	2517	10.0	92722.7	-5333.3
2458	9.2	92414.8	-5339.4	2488	9.8	92545.8	-5308.9	2518	10.2	92726.2	-5305.9
2459	9.6	92416.8	-5332.0	2489	9.0	92547.3	-5353.0	2519	10.2	92728.2	-5330.2
2460	9.6	92424.8	-5352.1	2490	10.4	92548.8	-5330.9	2520	10.0	92729.2	-5322.0

-53 2521 9h27m

-53 2880 9h42m

2521	10.4	92730.7 -5342.1	2611	8.8	93111.7 -5342.8	2701	9.2	93536.5 -5331.4	2791	10.4	93932.2 -5321.3
2522	10.4	92732.2 -5315.1	2612	9.4	93117.7 -5341.0	2702	9.0	93543.0 -5336.4	2792	9.6	93933.5 -5314.0
2523	10.4	92736.7 -5334.9	2613	10.4	93127.7 -5339.0	2703	10.4	93543.0 -5331.6	2793	10.4	93936.5 -5345.5
2524	10.0	92740.7 -5315.5	2614	10.4	93128.4 -5301.8	2704	9.5	93544.0 -5344.9	2794	10.0	93937.0 -5359.6
2525	9.6	92743.2 -5346.1	2615	10.4	93130.2 -5356.2	2705	10.4	93549.0 -5351.0	2795	10.4	93937.5 -5322.9
2526	10.4	92746.7 -5337.1	2616	7.8	93140.7 -5336.7	2706	9.8	93549.5 -5327.6	2796	10.4	93937.8 -5357.5
2527	9.8	92749.7 -5310.6	2617	9.4	93147.2 -5338.9	2707	9.4	93550.5 -5326.3	2797	10.2	93940.3 -5357.1
2528	9.5	92751.2 -5313.5	2618	10.2	93148.7 -5338.3	2708	10.2	93600.0 -5302.0	2798	9.8	93944.0 -5322.0
2529	10.0	92756.7 -5307.1	2619	9.8	93149.4 -5301.0	2709	9.6	93603.0 -5347.0	2799	10.4	93944.5 -5304.0
2530	10.4	92758.2 -5314.9	2620	9.8	93153.7 -5337.2	2710	10.2	93603.5 -5326.0	2800	9.8	93944.5 -5349.4
2531	10.0	92802.7 -5310.8	2621	10.0	93157.4 -5302.3	2711	10.4	93606.0 -5345.2	2801	9.4	93946.0 -5307.2
2532	10.2	92806.5 -5358.2	2622	9.8	93201.7 -5302.1	2712	10.0	93608.0 -5333.0	2802	10.4	93947.5 -5334.0
2533	9.8	92813.7 -5305.6	2623	9.8	93203.2 -5305.8	2713	9.8	93609.5 -5339.8	2803	10.4	93948.0 -5335.6
2534	10.4	92816.2 -5311.0	2624	9.0	93206.7 -5321.3	2714	8.3	93617.5 -5349.1	2804	9.0	93950.0 -5339.0
2535	9.8	92819.7 -5330.2	2625	10.4	93210.7 -5306.5	2715	10.2	93617.5 -5355.0	2805	9.6	93951.0 -5331.1
2536	10.4	92821.2 -5355.9	2626	10.4	93210.7 -5322.3	2716	10.0	93618.5 -5340.6	2806	8.0	93951.0 -5310.3
2537	8.9	92822.7 -5342.1	2627	9.8	93216.2 -5313.2	2717	10.0	93624.0 -5325.0	2807	10.4	93954.0 -5321.2
2538	10.2	92824.2 -5319.6	2628	10.4	93218.7 -5333.4	2718	10.2	93624.5 -5307.0	2808	10.0	93954.0 -5322.8
2539	10.4	92826.2 -5349.2	2629	10.4	93220.7 -5333.1	2719	9.8	93627.0 -5318.2	2809	10.0	93954.0 -5342.0
2540	10.4	92829.1 -5300.4	2630	10.0	93232.2 -5331.5	2720	10.0	93628.5 -5329.6	2810	10.4	93955.5 -5338.8
2541	9.5	92830.7 -5317.9	2631	10.4	93232.7 -5324.9	2721	9.6	93631.6 -5301.8	2811	10.4	94001.0 -5331.4
2542	10.4	92835.0 -5359.0	2632	10.0	93237.2 -5309.5	2722	10.4	93633.5 -5310.4	2812	10.4	94005.2 -5350.2
2543	10.4	92839.7 -5341.8	2633	10.4	93246.4 -5300.7	2723	10.2	93633.5 -5320.8	2813	10.4	94007.0 -5356.6
2544	8.9	92839.7 -5329.4	2634	10.4	93250.2 -5326.5	2724	10.2	93637.5 -5316.8	2814	9.5	94008.5 -5355.7
2545	10.0	92841.7 -5349.5	2635	10.4	93252.2 -5329.7	2725	9.6	93640.5 -5330.5	2815	10.4	94010.0 -5326.6
2546	9.6	92844.7 -5324.5	2636	10.2	93252.2 -5344.5	2726	10.2	93646.0 -5304.4	2816	10.4	94012.0 -5344.0
2547	10.2	92846.2 -5341.5	2637	10.4	93252.7 -5327.4	2727	9.8	93651.6 -5301.4	2817	10.0	94013.5 -5337.4
2548	9.2	92846.7 -5354.1	2638	10.4	93254.2 -5342.9	2728	9.8	93702.0 -5309.8	2818	10.2	94015.0 -5313.0
2549	10.0	92849.7 -5344.5	2639	10.4	93255.7 -5345.5	2729	10.0	93703.0 -5319.2	2819	10.0	94022.3 -5354.0
2550	10.0	92859.7 -5355.4	2640	9.6	93255.9 -5302.9	2730	9.6	93707.3 -5358.4	2820	10.2	94027.8 -5338.9
2551	10.4	92904.7 -5347.2	2641	10.2	93257.2 -5322.9	2731	9.2	93707.5 -5340.5	2821	10.2	94028.3 -5331.1
2552	10.2	92909.2 -5332.3	2642	10.4	93258.2 -5301.0	2732	10.2	93711.0 -5318.5	2822	10.4	94033.2 -5300.8
2553	9.8	92909.7 -5305.0	2643	10.2	93300.2 -5324.9	2733	9.8	93712.0 -5343.4	2823	10.4	94033.8 -5340.9
2554	10.4	92911.7 -5317.2	2644	10.4	93300.7 -5343.3	2734	10.0	93712.5 -5351.1	2824	9.2	94035.3 -5352.4
2555	10.4	92912.6 -5340.3	2645	9.6	93301.2 -5316.9	2735	10.4	93712.5 -5307.1	2825	9.5	94035.3 -5324.1
2556	10.0	92915.7 -5352.0	2646	6.2	93302.2 -5306.5	2736	10.4	93713.0 -5337.4	2826	10.0	94040.3 -5342.1
2557	10.0	92916.2 -5321.3	2647	10.0	93307.7 -5311.3	2737	10.4	93713.8 -5357.2	2827	10.4	94042.3 -5352.0
2558	10.0	92918.7 -5311.5	2648	10.4	93312.2 -5318.8	2738	9.2	93718.5 -5351.3	2828	10.4	94048.3 -5321.9
2559	9.6	92921.2 -5325.6	2649	10.0	93320.7 -5303.2	2739	10.0	93722.0 -5343.0	2829	10.0	94049.8 -5335.1
2560	10.0	92925.2 -5304.4	2650	8.6	93322.2 -5311.5	2740	10.4	93725.0 -5337.2	2830	10.4	94056.0 -5302.4
2561	10.0	92927.5 -5357.6	2651	10.4	93328.2 -5325.5	2741	9.6	93734.0 -5335.9	2831	10.0	94057.8 -5326.8
2562	10.4	92932.7 -5355.6	2652	9.5	93329.7 -5308.8	2742	10.4	93734.0 -5321.1	2832	10.4	94058.8 -5352.6
2563	10.4	92932.7 -5349.0	2653	10.4	93332.7 -5314.8	2743	9.5	93734.3 -5302.8	2833	10.0	94101.8 -5325.0
2564	10.2	92936.2 -5335.2	2654	10.4	93334.7 -5320.2	2744	10.0	93736.5 -5345.0	2834	10.0	94101.8 -5336.9
2565	10.2	92939.2 -5316.0	2655	10.0	93336.7 -5319.0	2745	8.2	93741.0 -5338.8	2835	10.4	94102.3 -5336.0
2566	8.9	92940.7 -5329.0	2656	8.6	93339.2 -5307.1	2746	10.0	93751.0 -5349.5	2836	7.4	94102.8 -5340.2
2567	10.4	92942.2 -5344.9	2657	10.4	93342.9 -5355.1	2747	10.0	93752.0 -5320.6	2837	10.2	94106.3 -5329.3
2568	9.2	92942.7 -5300.5	2658	10.4	93344.2 -5349.9	2748	10.2	93753.0 -5349.6	2838	10.0	94108.3 -5314.7
2569	9.8	92944.7 -5309.5	2659	10.2	93344.7 -5319.4	2749	10.4	93753.5 -5349.3	2839	9.8	94109.3 -5340.7
2570	10.4	92946.2 -5339.5	2660	9.8	93347.7 -5335.8	2750	10.4	93754.5 -5312.2	2840	8.3	94111.8 -5343.4
2571	8.0	92946.7 -5304.8	2661	10.4	93347.9 -5312.6	2751	10.4	93758.4 -5323.0	2841	9.0	94111.8 -5347.7
2572	10.2	92947.7 -5342.6	2662	10.0	93352.0 -5343.5	2752	10.4	93802.5 -5309.2	2842	10.4	94113.8 -5304.5
2573	10.4	92949.2 -5349.9	2663	10.4	93353.0 -5341.0	2753	10.4	93807.0 -5319.7	2843	9.0	94118.3 -5322.7
2574	9.8	92953.7 -5319.9	2664	7.0	93353.5 -5339.3	2754	10.0	93812.0 -5318.2	2844	10.0	94121.8 -5326.0
2575	10.4	92955.2 -5333.1	2665	9.8	93353.5 -5319.1	2755	10.4	93816.5 -5352.2	2845	10.2	94122.3 -5327.6
2576	10.0	92958.2 -5330.2	2666	10.2	93401.0 -5305.2	2756	10.2	93818.0 -5312.4	2846	10.4	94123.8 -5333.6
2577	10.0	92958.2 -5349.1	2667	9.5	93401.5 -5301.8	2757	10.4	93826.0 -5345.7	2847	10.4	94128.3 -5350.2
2578	10.4	92958.7 -5302.0	2668	9.8	93402.0 -5307.2	2758	10.4	93827.0 -5312.9	2848	10.4	94129.3 -5318.6
2579	9.4	93000.2 -5335.9	2669	10.0	93404.5 -5318.6	2759	10.0	93830.5 -5339.1	2849	10.4	94131.8 -5328.1
2580	9.8	93004.2 -5346.0	2670	10.4	93404.5 -5305.4	2760	10.4	93832.0 -5313.8	2850	9.5	94132.8 -5349.2
2581	9.8	93006.7 -5316.4	2671	9.6	93406.0 -5329.5	2761	10.4	93833.2 -5314.5	2851	10.4	94133.8 -5346.1
2582	9.6	93012.7 -5305.2	2672	10.4	93409.0 -5305.9	2762	10.2	93835.5 -5305.4	2852	10.2	94133.9 -5359.2
2583	10.0	93013.1 -5300.2	2673	10.0	93412.0 -5317.5	2763	10.2	93836.0 -5337.0	2853	10.2	94136.0 -5302.0
2584	10.4	93021.2 -5325.0	2674	10.4	93416.5 -5304.2	2764	8.4	93836.0 -5332.5	2854	9.8	94142.3 -5354.5
2585	9.8	93021.7 -5334.2	2675	9.8	93424.1 -5302.2	2765	10.2	93836.0 -5324.9	2855	10.4	94142.8 -5349.1
2586	10.4	93022.6 -5350.6	2676	10.4	93426.0 -5355.0	2766	10.4	93838.0 -5319.8	2856	10.2	94145.8 -5312.4
2587	10.2	93025.2 -5346.6	2677	10.4	93430.5 -5334.8	2767	9.8	93838.0 -5321.0	2857	10.4	94148.3 -5327.0
2588	10.4	93025.7 -5358.9	2678	10.0	93437.5 -5352.2	2768	10.0	93843.5 -5353.5	2858	10.4	94151.8 -5331.0
2589	9.5	93027.2 -5308.9	2679	8.8	93440.5 -5345.7	2769	9.8	93846.5 -5317.9	2859	10.2	94152.8 -5317.2
2590	10.0	93028.2 -5349.9	2680	9.0	93444.5 -5333.0	2770	10.4	93847.0 -5313.2	2860	10.4	94155.3 -5326.5
2591	10.4	93029.6 -5338.1	2681	9.0	93450.5 -5329.8	2771	9.4	93848.0 -5339.9	2861	10.4	94155.3 -5349.7
2592	8.7	93029.7 -5330.9	2682	10.2	93454.5 -5338.4	2772	10.4	93851.5 -5344.2	2862	10.4	94200.3 -5330.1
2593	10.0	93030.2 -5330.4	2683	10.4	93456.0 -5315.8	2773	9.4	93856.0 -5354.6	2863	10.0	94201.3 -5334.6
2594	10.4	93038.7 -5312.1	2684	10.4	93456.0 -5321.5	2774	9.8	93858.5 -5315.6	2864	9.8	94206.8 -5342.9
2595	10.4	93039.7 -5352.7	2685	10.2	93457.0 -5320.2	2775	7.8	93859.5 -5330.2	2865	8.6	94207.3 -5334.4
2596	10.0	93042.2 -5311.0	2686	10.4	93501.0 -5310.7	2776	10.4	93900.5 -5350.0	2866	10.2	94211.3 -5334.0
2597	10.2	93042.7 -5316.1	2687	9.0	93501.5 -5329.2	2777	9.6	93901.0 -5333.5	2867	10.4	94212.3 -5352.0
2598	10.4	93044.2 -5348.3	2688	10.4	93502.0 -5306.9	2778	9.2	93907.0 -5314.1	2868	10.4	94214.8 -5315.2
2599	10.0	93046.2 -5350.8	2689	10.2	93503.0 -5327.6	2779	10.0	93908.0 -5320.6	2869	10.4	94220.3 -5334.5
2600	10.2	93050.2 -5331.0	2690	10.0	93506.5 -5300.2	2780	10.2	93911.0 -5312.2	2870	9.4	94222.3 -5315.3
2601	10.4	93053.7 -5302.9	2691	10.4	93508.5 -5319.6	2781	10.4	93912.5 -5357.1	2871	10.4	94222.3 -5351.6
2602	10.4	93100.2 -5328.8	2692	10.4	93516.0 -5318.6	2782	10.4	93913.0 -5304.8	2872	10.2	94230.3 -5314.9
2603	9.6	93101.2 -5331.2	2693	8.6	93517.5 -5342.0	2783	10.4	93913.0 -5327.4	2873	9.8	94231.0 -5300.3
2604	10.2	93102.2 -5357.3	2694	10.4	93518.1 -5301.2	2784	9.4	93918.5 -5354.1	2874	10.0	94234.8 -5310.6
2605	10.4	93105.2 -5346.6	2695	10.4	93521.0 -5314.6	2785	10.4	93925.0 -5321.5	2875	10.2	94244.3 -5343.5
2606	10.4	93107.1 -5353.0	2696	8.9	93523.5 -5345.2	2786	10.4	93925.5 -5351.0	2876	10.2	94248.8 -5322.7
2607	10.0	93109.2 -5345.6	2697	9.0	93526.0 -5354.9	2787	10.4	93925.9 -5301.8	2877	10.4	94249.8 -5350.1
2608	10.4	93110.7 -5347.4	2698	9.0	93527.5 -5338.8	2788	6.0	93928.0 -5319.1	2878	8.7	94250.8 -5337.5
2609	9.8	93110.7 -5331.9	2699	10.0	93531.0 -5311.4	2789	10.0	93932.0 -5350.0	2879	10.4	94250.8 -5348.1
2610	9.6	93110.7 -5326.4	2700	10.4	93536.0 -5313.4	2790	10.4	93932.0 -5332.2	2880	10.4	94250.8 -5347.3

2881 9.2	94253.3 -5343.2	2971 9.6	94759.5 -5339.2
2882 10.4	94306.3 -5301.0	2972 10.0	94800.0 -5324.2
2883 10.4	94308.3 -5340.6	2973 10.4	94803.0 -5355.0
2884 9.0	94314.5 -5301.3	2974 9.8	94807.5 -5350.6
2885 9.2	94316.3 -5343.2	2975 10.4	94811.0 -5337.4
2886 10.4	94318.8 -5332.6	2976 9.0	94818.0 -5343.9
2887 10.2	94319.8 -5345.2	2977 9.4	94818.0 -5322.0
2888 10.2	94321.3 -5301.3	2978 10.4	94820.0 -5351.7
2889 10.4	94321.8 -5326.8	2979 10.4	94822.0 -5309.2
2890 10.4	94322.3 -5309.7	2980 10.4	94824.5 -5337.4
2891 10.2	94326.8 -5327.3	2981 9.5	94830.5 -5319.6
2892 10.2	94329.8 -5335.9	2982 10.4	94831.5 -5308.3
2893 10.2	94336.5 -5302.4	2983 10.4	94832.5 -5311.9
2894 10.2	94338.8 -5307.1	2984 8.6	94838.0 -5337.2
2895 10.4	94340.3 -5314.4	2985 10.4	94840.0 -5334.6
2896 10.2	94341.8 -5306.9	2986 9.6	94842.8 -5302.9
2897 9.8	94344.8 -5330.3	2987 10.4	94845.0 -5344.6
2898 10.4	94345.8 -5324.3	2988 10.4	94846.0 -5355.0
2899 9.6	94351.8 -5339.0	2989 10.4	94849.0 -5336.1
2900 9.8	94353.8 -5355.6	2990 9.6	94850.0 -5333.9
2901 10.4	94355.8 -5344.9	2991 10.2	94852.0 -5338.0
2902 8.2	94356.8 -5349.0	2992 10.0	94858.5 -5344.0
2903 10.4	94405.8 -5347.0	2993 9.8	94901.5 -5345.0
2904 10.0	94409.8 -5350.8	2994 8.4	94905.5 -5342.1
2905 10.4	94411.2 -5358.9	2995 10.4	94906.5 -5313.5
2906 10.0	94412.8 -5338.8	2996 9.0	94912.0 -5316.5
2907 10.4	94418.3 -5303.6	2997 9.2	94913.5 -5338.1
2908 10.4	94419.8 -5341.5	2998 9.5	94920.3 -5344.1
2909 10.4	94423.3 -5351.7	2999 10.4	94920.5 -5340.3
2910 10.0	94428.0 -5359.4	3000 10.2	94922.3 -5351.9
2911 10.0	94430.3 -5324.5	3001 9.8	94925.3 -5347.7
2912 8.4	94431.6 -5300.4	3002 10.4	94930.3 -5306.1
2913 9.8	94437.3 -5328.9	3003 10.2	94931.8 -5306.8
2914 10.4	94438.3 -5352.5	3004 10.4	94938.8 -5336.8
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2917 10.4	94444.3 -5355.0	3007 10.4	94948.8 -5315.1
2918 10.4	94446.3 -5334.2	3008 9.6	94956.8 -5337.8
2919 9.0	94501.8 -5336.8	3009 9.4	95005.8 -5324.7
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2922 9.8	94508.3 -5313.1	3012 10.2	95009.8 -5336.9
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2925 8.4	94522.3 -5328.8	3015 10.4	95012.8 -5321.0
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2928 10.2	94543.3 -5329.1	3018 10.2	95019.8 -5335.6
2929 9.8	94550.3 -5356.1	3019 9.4	95021.8 -5306.1
2930 10.4	94551.3 -5321.2	3020 10.4	95025.8 -5314.5
2931 10.4	94554.3 -5345.8	3021 10.0	95036.3 -5341.4
2932 10.0	94554.5 -5357.1	3022 10.4	95037.8 -5305.8
2933 10.0	94557.3 -5343.1	3023 10.0	95038.1 -5300.0
2934 10.0	94600.3 -5310.9	3024 9.0	95039.8 -5347.9
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-53 3241 9h59m

-53 3600 10h13m

3241 10.0 95935.6 -5348.5	3331 10.0 100302.3 -5352.6	3421 10.0 100646.1 -5351.8	3511 10.4 101024.9 -5335.3
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-53 3601 10h13m

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3893	9.8	102526.4	-5305.9
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3895	9.6	102535.9	-5341.8
3896	10.1	102538.9	-5345.6
3897	9.6	102539.9	-5300.8
3898	9.5	102542.9	-5327.6
3899	8.8	102551.4	-5350.5
3900	9.0	102552.4	-5352.4
3901	9.8	102553.9	-5329.6
3902	8.0	102556.4	-5322.3
3903	9.5	102556.4	-5338.8
3904	10.1	102556.4	-5334.1
3905	9.8	102558.9	-5313.5
3906	10.1	102558.9	-5330.5
3907	9.6	102627.8	-5356.9
3908	9.6	102628.9	-5346.5
3909	6.4	102630.4	-5304.8
3910	10.1	102631.9	-5351.5
3911	10.1	102642.9	-5340.0
3912	9.8	102644.4	-5313.1
3913	8.8	102650.4	-5326.2
3914	10.0	102652.4	-5354.6
3915	9.6	102701.9	-5346.0
3916	10.1	102702.1	-5332.8
3917	10.1	102704.4	-5347.0
3918	10.1	102704.9	-5336.0
3919	9.6	102708.4	-5314.8
3920	10.0	102709.9	-5306.8
3921	10.1	102717.9	-5309.9
3922	10.1	102726.4	-5345.9
3923	10.1	102731.4	-5322.9
3924	9.8	102732.9	-5319.2
3925	10.0	102733.4	-5350.4
3926	9.8	102734.1	-5358.8
3927	10.0	102738.9	-5324.2
3928	9.6	102738.9	-5318.2
3929	10.0	102744.9	-5353.7
3930	10.1	102745.9	-5338.9
3931	10.0	102746.4	-5340.7
3932	9.8	102752.4	-5352.7
3933	10.0	102806.4	-5341.3
3934	8.6	102810.9	-5320.2
3935	9.4	102817.4	-5334.5
3936	9.5	102829.9	-5332.9
3937	10.0	102831.9	-5341.8
3938	10.1	102832.4	-5338.6
3939	9.6	102833.4	-5345.9
3940	10.0	102833.9	-5337.7
3941	9.6	102845.4	-5351.0
3942	10.1	102851.1	-5359.5
3943	10.1	102900.9	-5345.0
3944	10.1	102901.4	-5350.1
3945	9.8	102902.4	-5312.4
3946	9.2	102905.9	-5342.0
3947	10.1	102911.4	-5322.2
3948	9.6	102916.4	-5343.7
3949	9.8	102916.9	-5358.8
3950	9.4	102921.4	-5353.2
3951	9.6	102922.1	-5358.9
3952	9.2	102933.9	-5326.1
3953	10.1	102936.4	-5333.0
3954	9.6	102936.9	-5318.6
3955	8.8	102937.4	-5306.5
3956	9.6	102940.4	-5354.3
3957	10.1	102940.9	-5302.9
3958	9.4	102945.4	-5338.5
3959	9.5	102952.0	-5359.9
3960	9.6	102952.4	-5309.5

-53 3960 10h29m

-53 3961 10h29m

-53 4320 10h58m

3961 10.0 102955.9 -5319.0	4051 9.6 103524.2 -5334.0	4141 10.0 104236.7 -5359.1	4231 10.1 105002.2 -5307.7
3962 10.0 102957.4 -5315.0	4052 10.1 103524.7 -5358.3	4142 10.1 104237.5 -5320.8	4232 10.1 105007.3 -5316.0
3963 10.0 102959.4 -5310.5	4053 8.8 103529.2 -5302.6	4143 10.0 104238.2 -5356.1	4233 7.5 105007.7 -5324.8
3964 10.1 103003.9 -5326.5	4054 9.2 103530.2 -5329.8	4144 9.8 104240.2 -5352.6	4234 9.5 105009.7 -5325.9
3965 9.6 103006.4 -5350.5	4055 10.0 103532.2 -5347.7	4145 9.2 104243.7 -5319.8	4235 10.1 105012.2 -5329.3
3966 9.6 103010.4 -5318.6	4056 9.6 103542.2 -5355.2	4146 10.0 104246.7 -5312.3	4236 9.6 105015.2 -5333.9
3967 9.6 103011.4 -5317.6	4057 10.0 103553.2 -5353.1	4147 9.4 104313.7 -5310.0	4237 9.8 105022.2 -5318.0
3968 10.1 103014.9 -5316.2	4058 10.1 103602.2 -5341.3	4148 10.1 104315.7 -5330.8	4238 9.8 105024.7 -5341.5
3969 9.5 103015.4 -5335.6	4059 9.5 103617.7 -5347.3	4149 10.1 104319.2 -5303.6	4239 10.1 105027.2 -5313.7
3970 10.1 103020.9 -5313.3	4060 8.3 103621.7 -5327.2	4150 9.4 104327.7 -5329.2	4240 10.1 105034.2 -5325.0
3971 10.0 103021.4 -5339.6	4061 9.1 103623.7 -5301.7	4151 9.1 104342.2 -5303.2	4241 10.1 105035.2 -5322.2
3972 10.1 103025.4 -5356.1	4062 10.0 103624.3 -5341.7	4152 10.0 104345.2 -5346.6	4242 9.8 105045.2 -5305.2
3973 9.4 103025.9 -5308.0	4063 10.0 103625.7 -5326.3	4153 10.1 104349.2 -5337.5	4243 9.6 105053.7 -5341.3
3974 9.0 103027.9 -5353.3	4064 8.8 103629.2 -5337.3	4154 10.1 104351.2 -5318.2	4244 9.4 105059.2 -5319.0
3975 10.1 103031.9 -5313.6	4065 9.6 103640.2 -5339.7	4155 9.8 104351.2 -5305.7	4245 10.0 105104.2 -5346.3
3976 10.1 103040.2 -5320.5	4066 9.6 103655.7 -5348.7	4156 10.1 104355.7 -5323.5	4246 10.0 105107.7 -5309.5
3977 8.4 103048.9 -5338.7	4067 10.0 103701.7 -5331.5	4157 10.1 104356.2 -5341.3	4247 10.1 105124.2 -5349.7
3978 10.1 103050.4 -5344.3	4068 9.8 103702.2 -5304.1	4158 10.0 104358.2 -5314.4	4248 10.1 105126.7 -5336.0
3979 10.1 103053.9 -5348.7	4069 9.4 103706.3 -5358.7	4159 9.5 104401.2 -5306.8	4249 8.8 105129.7 -5312.3
3980 10.1 103056.4 -5309.4	4070 10.1 103710.2 -5357.3	4160 9.8 104403.2 -5313.9	4250 9.0 105141.2 -5356.2
3981 9.0 103057.4 -5318.1	4071 10.1 103712.7 -5312.2	4161 9.8 104403.2 -5345.8	4251 10.0 105153.7 -5344.1
3982 9.2 103058.4 -5313.3	4072 10.1 103725.2 -5357.1	4162 10.0 104403.7 -5340.3	4252 9.0 105156.2 -5317.4
3983 10.1 103102.4 -5309.9	4073 9.8 103728.7 -5351.5	4163 9.8 104407.7 -5311.3	4253 10.0 105200.0 -5300.2
3984 10.1 103103.9 -5313.8	4074 8.1 103730.2 -5352.8	4164 9.1 104411.2 -5328.0	4254 9.6 105202.2 -5330.7
3985 9.4 103112.6 -5300.1	4075 9.6 103733.7 -5301.1	4165 9.5 104413.2 -5356.3	4255 9.6 105212.2 -5323.5
3986 10.1 103116.1 -5358.0	4076 10.1 103737.7 -5343.1	4166 10.1 104416.2 -5334.2	4256 9.6 105223.7 -5357.0
3987 10.1 103117.9 -5331.8	4077 9.8 103744.2 -5324.7	4167 9.0 104416.2 -5315.7	4257 9.0 105223.7 -5349.0
3988 9.5 103120.4 -5338.8	4078 10.1 103746.2 -5347.5	4168 10.1 104421.2 -5351.7	4258 10.0 105234.3 -5306.5
3989 10.1 103120.9 -5350.8	4079 9.5 103753.7 -5343.6	4169 10.0 104428.7 -5313.1	4259 10.1 105241.2 -5303.3
3990 10.1 103129.9 -5313.8	4080 8.6 103800.2 -5335.2	4170 10.0 104430.5 -5358.3	4260 10.2 105242.5 -5302.1
3991 10.1 103130.4 -5338.6	4081 9.4 103801.0 -5358.5	4171 9.6 104433.7 -5358.0	4261 9.4 105242.7 -5305.2
3992 10.0 103130.4 -5319.0	4082 10.1 103801.2 -5334.0	4172 9.6 104438.7 -5306.3	4262 8.8 105246.7 -5339.8
3993 9.5 103143.4 -5324.4	4083 10.1 103806.3 -5320.5	4173 10.0 104442.7 -5331.9	4263 9.6 105247.2 -5315.4
3994 10.1 103145.4 -5330.4	4084 10.0 103812.2 -5353.7	4174 10.0 104446.2 -5358.7	4264 9.8 105300.0 -5309.7
3995 10.1 103150.4 -5300.6	4085 10.1 103813.7 -5329.5	4175 10.1 104449.1 -5303.0	4265 9.8 105316.2 -5322.1
3996 9.8 103152.9 -5324.9	4086 10.0 103815.2 -5329.9	4176 9.8 104449.7 -5349.0	4266 9.0 105320.2 -5347.9
3997 9.6 103154.4 -5316.1	4087 10.0 103823.7 -5338.0	4177 9.5 104450.2 -5326.0	4267 9.4 105320.2 -5359.9
3998 8.4 103155.9 -5335.0	4088 9.4 103838.7 -5329.6	4178 9.6 104453.7 -5358.3	4268 10.1 105320.2 -5358.0
3999 9.6 103157.4 -5333.0	4089 10.0 103839.7 -5326.7	4179 9.4 104457.7 -5345.2	4269 8.8 105322.2 -5350.3
4000 9.6 103205.9 -5339.7	4090 8.6 103844.2 -5330.9	4180 9.6 104458.2 -5319.5	4270 9.2 105324.2 -5311.0
4001 9.6 103213.9 -5307.5	4091 9.6 103851.9 -5301.1	4181 10.1 104514.2 -5302.6	4271 9.0 105336.2 -5323.4
4002 9.8 103214.4 -5312.5	4092 10.0 103900.7 -5351.2	4182 10.0 104517.2 -5326.9	4272 9.6 105338.7 -5323.5
4003 9.2 103216.4 -5314.5	4093 10.1 103900.7 -5302.9	4183 9.8 104517.2 -5346.6	4273 9.2 105341.7 -5337.4
4004 9.8 103220.4 -5359.8	4094 8.8 103908.7 -5358.7	4184 9.6 104523.5 -5300.4	4274 9.8 105351.7 -5326.0
4005 10.1 103220.9 -5324.6	4095 8.8 103917.7 -5338.1	4185 10.1 104528.7 -5331.0	4275 10.1 105354.9 -5301.5
4006 9.6 103222.4 -5316.8	4096 9.8 103925.7 -5335.6	4186 10.1 104530.2 -5355.4	4276 9.8 105400.2 -5330.3
4007 10.1 103234.9 -5329.4	4097 9.8 103931.2 -5312.3	4187 9.8 104537.2 -5327.6	4277 9.8 105401.7 -5351.8
4008 10.1 103238.4 -5307.4	4098 10.0 103931.2 -5357.6	4188 10.1 104539.2 -5341.5	4278 10.1 105403.3 -5306.1
4009 9.8 103243.9 -5335.9	4099 9.2 103935.6 -5301.9	4189 9.4 104552.2 -5341.0	4279 10.1 105404.7 -5351.1
4010 9.6 103248.9 -5316.2	4100 9.4 103936.2 -5336.9	4190 10.1 104602.2 -5355.7	4280 9.8 105411.7 -5328.7
4011 9.8 103256.4 -5349.4	4101 9.8 103936.2 -5341.5	4191 10.0 104602.2 -5306.6	4281 9.4 105415.7 -5315.1
4012 10.1 103257.9 -5311.1	4102 10.1 103937.3 -5333.2	4192 9.8 104605.2 -5351.0	4282 7.9 105422.9 -5301.2
4013 9.8 103259.4 -5328.1	4103 10.0 103942.7 -5342.7	4193 10.1 104618.3 -5354.3	4283 9.8 105440.2 -5321.4
4014 10.0 103303.9 -5306.6	4104 9.6 103945.2 -5356.2	4194 10.0 104625.3 -5301.8	4284 8.8 105457.2 -5353.9
4015 10.1 103310.5 -5306.3	4105 10.1 103950.2 -5317.9	4195 10.1 104626.2 -5340.6	4285 9.6 105516.2 -5329.8
4016 10.1 103311.9 -5329.7	4106 10.1 103952.2 -5354.1	4196 8.2 104636.2 -5358.6	4286 10.0 105522.2 -5351.3
4017 9.6 103312.9 -5311.2	4107 10.1 103953.7 -5309.3	4197 10.1 104640.2 -5318.2	4287 10.0 105532.7 -5343.4
4018 10.0 103331.9 -5328.0	4108 10.0 103955.2 -5348.3	4198 10.1 104642.7 -5357.9	4288 10.0 105536.0 -5328.5
4019 9.4 103333.4 -5317.1	4109 9.6 104000.2 -5356.3	4199 9.8 104648.2 -5313.7	4289 9.8 105540.2 -5316.9
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4022 10.1 103340.4 -5358.8	4112 8.4 104020.2 -5310.1	4202 9.8 104703.2 -5309.5	4292 10.0 105616.7 -5344.4
4023 9.4 103340.7 -5331.2	4113 9.8 104020.2 -5331.2	4203 9.8 104703.2 -5314.6	4293 10.0 105622.0 -5318.1
4024 10.0 103341.7 -5327.7	4114 9.6 104020.2 -5336.9	4204 10.1 104706.2 -5316.2	4294 10.0 105626.2 -5345.0
4025 9.4 103343.7 -5327.2	4115 9.8 104025.7 -5314.7	4205 9.0 104707.7 -5341.4	4295 9.6 105632.0 -5310.5
4026 10.1 103345.7 -5327.8	4116 10.0 104027.2 -5334.3	4206 10.0 104710.2 -5349.2	4296 9.0 105638.0 -5322.8
4027 9.0 103346.2 -5331.1	4117 9.6 104032.2 -5354.2	4207 10.1 104732.7 -5317.4	4297 10.0 105648.2 -5323.7
4028 9.5 103347.2 -5332.3	4118 9.8 104038.2 -5349.5	4208 10.0 104745.7 -5346.5	4298 9.6 105701.7 -5322.6
4029 9.8 103349.2 -5322.4	4119 9.8 104045.7 -5348.2	4209 8.8 104750.7 -5344.9	4299 10.0 105711.7 -5353.6
4030 9.8 103349.7 -5325.9	4120 9.6 104046.2 -5328.8	4210 9.8 104755.7 -5332.0	4300 10.0 105718.2 -5342.8
4031 10.0 103350.2 -5327.3	4121 9.2 104056.2 -5320.2	4211 10.1 104803.5 -5357.0	4301 9.8 105720.2 -5324.0
4032 10.0 103351.2 -5328.5	4122 9.4 104057.7 -5329.7	4212 9.6 104805.7 -5336.1	4302 9.8 105721.2 -5337.2
4033 9.6 103359.7 -5342.0	4123 9.2 104058.2 -5334.5	4213 10.0 104812.2 -5308.9	4303 10.0 105723.7 -5316.1
4034 10.1 103359.8 -5301.0	4124 10.1 104110.8 -5300.0	4214 10.1 104821.3 -5328.8	4304 10.0 105727.2 -5307.0
4035 9.8 103402.2 -5344.8	4125 9.5 104113.2 -5335.0	4215 8.8 104830.2 -5315.2	4305 9.4 105736.2 -5346.3
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4037 9.0 103415.2 -5306.2	4127 9.4 104124.7 -5309.6	4217 10.1 104833.7 -5319.1	4307 10.0 105739.2 -5352.0
4038 9.6 103416.2 -5323.7	4128 9.8 104133.2 -5322.3	4218 9.5 104841.2 -5354.0	4308 9.6 105741.7 -5351.9
4039 10.1 103421.7 -5327.4	4129 10.0 104142.2 -5310.7	4219 10.1 104843.2 -5340.1	4309 9.5 105805.7 -5306.4
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4041 10.0 103434.7 -5321.0	4131 9.2 104155.2 -5303.9	4221 10.1 104902.2 -5329.7	4311 8.9 105815.7 -5315.7
4042 9.8 103440.5 -5357.9	4132 10.1 104155.7 -5306.1	4222 10.0 104903.7 -5332.4	4312 9.8 105820.2 -5337.2
4043 10.0 103441.2 -5319.8	4133 10.1 104157.2 -5306.5	4223 10.0 104916.7 -5314.7	4313 9.8 105825.7 -5308.9
4044 10.1 103442.3 -5326.6	4134 9.8 104201.9 -5300.7	4224 7.7 104925.7 -5353.8	4314 9.4 105836.2 -5341.7
4045 10.0 103443.2 -5330.0	4135 10.1 104208.7 -5335.9	4225 9.8 104930.2 -5322.3	4315 9.4 105836.2 -5330.4
4046 8.4 103449.7 -5306.0	4136 10.1 104214.2 -5317.7	4226 10.1 104940.1 -5357.0	4316 10.0 105837.5 -5328.3
4047 10.1 103452.9 -5358.7	4137 9.8 104220.2 -5356.0	4227 9.8 104940.7 -5352.4	4317 8.1 105837.7 -5331.5
4048 10.1 103510.7 -5351.6	4138 10.0 104224.7 -5344.3	4228 9.6 104946.2 -5349.2	4318 9.6 105847.5 -5344.6
4049 10.1 103511.2 -5352.9	4139 10.1 104226.7 -5322.5	4229 10.0 104952.2 -5353.8	4319 10.0 105857.0 -5335.3
4050 10.0 103516.5 -5359.5	4140 10.1 104235.2 -5346.8	4230 10.1 105001.2 -5335.1	4320 10.0 105858.0 -5350.1

-53 4321 10h59m

4321	9.6	105905.5	-5347.5
4322	9.4	105908.0	-5351.9
4323	9.3	105912.0	-5318.5
4324	10.0	105912.0	-5304.0
4325	10.0	105922.0	-5348.5
4326	9.4	105922.5	-5321.3
4327	10.0	105924.2	-5358.1
4328	10.0	105933.1	-5342.9
4329	9.4	105933.5	-5311.7
4330	9.6	105934.5	-5350.3
4331	10.0	105937.5	-5321.5
4332	10.0	105941.5	-5344.7
4333	9.8	105944.0	-5334.7
4334	9.6	105947.5	-5347.1
4335	10.0	105947.5	-5352.9
4336	9.6	110010.5	-5359.9
4337	9.2	110012.0	-5334.9
4338	10.0	110012.6	-5300.4
4339	10.0	110026.0	-5343.2
4340	10.0	110035.0	-5319.0
4341	10.0	110039.5	-5331.7
4342	10.0	110048.5	-5309.5
4343	9.8	110052.0	-5346.1
4344	9.0	110103.5	-5303.4
4345	10.0	110104.0	-5354.2
4346	9.6	110109.0	-5342.4
4347	9.6	110111.0	-5320.6
4348	9.6	110113.0	-5334.4
4349	9.4	110123.0	-5349.6
4350	9.6	110128.5	-5333.9
4351	10.0	110132.5	-5358.1
4352	10.0	110135.5	-5342.2
4353	10.0	110140.0	-5327.0
4354	10.0	110141.5	-5354.0
4355	9.8	110144.0	-5320.2
4356	9.6	110149.0	-5331.9
4357	9.4	110151.8	-5306.5
4358	9.4	110154.8	-5311.6
4359	9.6	110204.3	-5307.7
4360	8.7	110209.8	-5323.1
4361	9.4	110211.8	-5324.1
4362	9.8	110234.7	-5358.1
4363	10.0	110237.5	-5300.2
4364	10.0	110239.8	-5325.9
4365	9.8	110240.5	-5358.7
4366	9.6	110242.8	-5353.1
4367	9.5	110251.3	-5303.1
4368	9.8	110255.3	-5313.8
4369	10.0	110257.3	-5344.5
4370	10.0	110304.8	-5300.2
4371	9.8	110310.3	-5332.9
4372	9.6	110323.8	-5302.0
4373	10.0	110328.8	-5318.3
4374	9.6	110333.3	-5332.2
4375	9.8	110338.8	-5339.6
4376	10.0	110340.8	-5322.5
4377	9.3	110345.8	-5318.2
4378	9.8	110355.8	-5322.9
4379	9.6	110356.3	-5325.1
4380	9.8	110356.8	-5334.1
4381	9.6	110358.8	-5316.6
4382	9.4	110410.3	-5335.2
4383	9.8	110411.8	-5317.9
4384	10.0	110429.8	-5331.5
4385	9.8	110430.8	-5303.5
4386	10.3	110431.2	-5300.8
4387	10.0	110437.3	-5349.3
4388	9.8	110446.3	-5336.0
4389	9.8	110450.3	-5310.7
4390	9.8	110517.8	-5309.6
4391	9.4	110520.2	-5301.9
4392	9.1	110522.8	-5332.9
4393	9.6	110544.3	-5315.1
4394	8.7	110546.8	-5352.8
4395	10.0	110551.7	-5340.6
4396	10.0	110557.4	-5301.6
4397	10.0	110600.2	-5342.4
4398	9.4	110603.4	-5327.1
4399	9.6	110603.9	-5343.5
4400	9.4	110607.4	-5327.9
4401	9.3	110613.4	-5308.7
4402	9.4	110623.4	-5315.3
4403	9.6	110639.4	-5314.7
4404	9.8	110653.4	-5357.1
4405	9.6	110653.4	-5346.7
4406	9.8	110655.4	-5356.4
4407	9.8	110701.4	-5336.3
4408	10.0	110706.4	-5353.7
4409	10.0	110732.9	-5341.6
4410	10.0	110738.4	-5341.5
4411	9.4	110740.9	-5330.2
4412	10.0	110742.9	-5311.1
4413	9.5	110743.4	-5307.0
4414	10.0	110746.9	-5354.1
4415	10.0	110751.9	-5339.5
4416	10.0	110812.2	-5315.0
4417	10.0	110825.9	-5345.0
4418	10.0	110829.9	-5317.4
4419	10.0	110858.4	-5353.0
4420	8.8	110900.9	-5346.0
4421	9.4	110901.4	-5340.5
4422	10.0	110904.4	-5319.5
4423	9.4	110905.4	-5322.4
4424	9.6	110906.4	-5352.3
4425	10.0	110917.4	-5330.4
4426	9.4	110933.4	-5357.0
4427	10.0	110937.9	-5317.5
4428	9.5	110946.4	-5345.1
4429	9.1	110951.4	-5321.0
4430	9.5	111009.4	-5354.1
4431	9.6	111011.4	-5332.9
4432	10.0	111025.4	-5357.2
4433	9.8	111030.4	-5352.2
4434	9.1	111043.9	-5346.3
4435	10.0	111050.4	-5326.1
4436	9.6	111054.7	-5351.3
4437	9.4	111100.7	-5306.7
4438	9.2	111102.7	-5333.3
4439	9.6	111103.7	-5359.6
4440	10.0	111105.4	-5339.2
4441	10.0	111106.2	-5342.0
4442	9.8	111108.7	-5348.7
4443	10.2	111132.9	-5302.8
4444	9.8	111134.2	-5344.3
4445	9.4	111138.7	-5302.4
4446	9.8	111141.2	-5315.1
4447	9.8	111147.2	-5330.3
4448	9.5	111148.7	-5333.8
4449	9.2	111150.7	-5350.3
4450	10.0	111207.2	-5352.8
4451	9.1	111210.7	-5308.0
4452	10.0	111215.2	-5322.2
4453	9.8	111220.2	-5323.3
4454	9.8	111222.2	-5330.7
4455	9.8	111225.7	-5351.2
4456	9.6	111229.2	-5305.5
4457	9.6	111230.7	-5313.1
4458	10.0	111235.2	-5351.9
4459	9.4	111240.7	-5311.1
4460	8.6	111250.7	-5301.8
4461	9.0	111300.7	-5321.5
4462	9.6	111312.7	-5325.1
4463	9.6	111313.7	-5323.8
4464	9.6	111315.2	-5311.1
4465	9.5	111315.7	-5341.0
4466	10.0	111321.2	-5328.1
4467	9.4	111324.7	-5310.5
4468	10.0	111326.2	-5334.0
4469	9.5	111326.2	-5347.1
4470	10.3	111329.7	-5301.4
4471	10.0	111332.2	-5323.6
4472	10.0	111333.7	-5323.2
4473	10.0	111341.7	-5322.7
4474	10.0	111342.7	-5351.1
4475	9.8	111348.7	-5352.3
4476	9.4	111351.2	-5328.8
4477	9.8	111404.2	-5317.4
4478	8.4	111405.5	-5339.5
4479	10.0	111410.5	-5353.3
4480	10.0	111414.0	-5324.5
4481	10.0	111421.0	-5343.7
4482	10.0	111423.5	-5307.1
4483	10.0	111426.0	-5315.3
4484	9.8	111432.0	-5329.7
4485	9.6	111434.5	-5345.3
4486	9.8	111435.0	-5344.3
4487	10.0	111437.5	-5331.1
4488	9.6	111441.0	-5310.3
4489	10.0	111449.0	-5313.4
4490	9.8	111450.5	-5329.0
4491	9.6	111454.5	-5318.9
4492	10.0	111456.5	-5335.7
4493	9.6	111501.5	-5347.6
4494	9.8	111502.0	-5307.8
4495	9.4	111504.0	-5325.1
4496	9.4	111510.0	-5318.8
4497	10.0	111514.7	-5300.1
4498	4.9	111519.0	-5348.4
4499	10.0	111539.0	-5332.8
4500	9.6	111543.0	-5326.9

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4501	8.8	111558.0	-5341.1
4502	10.0	111559.0	-5317.0
4503	9.8	111602.0	-5350.3
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4505	10.0	111615.2	-5323.5
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4507	9.0	111617.0	-5315.6
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4513	10.0	111647.7	-5300.4
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4515	10.0	111653.0	-5358.0
4516	10.0	111722.2	-5333.7
4517	9.8	111723.2	-5354.7
4518	9.8	111723.7	-5309.1
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4521	9.5	111737.2	-5358.8
4522	9.0	111743.7	-5312.2
4523	9.8	111748.7	-5333.2
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4525	9.6	111757.2	-5348.1
4526	9.5	111800.7	-5332.9
4527	10.0	111801.2	-5333.0
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4532	9.8	111823.7	-5348.8
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4538	10.0	111906.7	-5342.2
4539	9.8	111909.7	-5313.1
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4543	9.8	111949.7	-5344.0
4544	9.1	112000.2	-5335.3
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4546	9.8	112007.7	-5356.0
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4548	9.6	112015.2	-5333.9
4549	10.0	112015.2	-5345.7
4550	9.4	112023.7	-5348.0
4551	10.0	112031.2	-5312.9
4552	9.4	112032.0	-5352.8
4553	10.0	112037.6	-5343.4
4554	10.0	112043.0	-5357.1
4555	10.0	112118.5	-5323.8
4556	9.8	112118.5	-5327.9
4557	10.0	112123.5	-5309.9
4558	9.9	112131.3	-5301.4
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4561	9.6	112143.8	-5358.0
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4563	10.0	112158.9	-5302.5
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4566	9.5	112204.0	-5346.1
4567	10.0	112205.2	-5302.9
4568	9.8	112218.0	-5336.0
4569	9.8	112223.5	-5359.4
4570	9.0	112239.5	-5339.2
4571	9.9	112246.8	-5302.6
4572	9.6	112248.5	-5356.1
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4574	9.6	112250.5	-5346.8
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4576	10.0	112253.6	-5340.8
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4578	10.0	112305.4	-5301.9
4579	10.0	112305.5	-5306.4
4580	10.0	112316.0	-5351.3
4581	9.6	112322.0	-5333.7
4582	9.8	112322.5	-5350.7
4583	10.0	112331.5	-5345.5
4584	8.8	112332.0	-5322.7
4585	9.3	112356.5	-5308.9
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4587	8.8	112418.3	-5358.6
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4589	9.8	112433.5	-5333.6
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4591	9.5	112440.5	-5309.6
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4593	9.8	112507.0	-5349.2
4594	10.0	112513.0	-5317.5
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4596	9.4	112526.5	-5357.0
4597	10.0	112540.1	-5321.0
4598	10.0	112544.1	-5340.3
4599	9.8	112547.0	-5359.9
4600	10.0	112550.1	-5307.5
4601	10.0	112556.1	-5341.0
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4603	9.8	112559.6	-5304.3
4604	9.8	112605.6	-5311.9
4605	10.0	112614.6	-5340.3
4606	9.8	112625.6	-5337.1
4607	10.0	112628.1	-5319.3
4608	9.8	112628.6	-5347.1
4609	9.8	112636.6	-5328.1
4610	9.8	112639.1	-5348.3
4611	9.1	112646.1	-5354.9
4612	9.8	112701.6	-5357.7
4613	8.3	112711.6	-5338.0
4614	8.6	112715.6	-5309.9
4615	9.8	112718.0	-5357.3
4616	9.8	112727.2	-5331.9
4617	9.8	112729.1	-5305.4
4618	9.9	112737.4	-5334.2
4619	9.4	112737.9	-5324.0
4620	9.5	112743.6	-5308.2
4621	9.8	112756.9	-5352.4
4622	8.8	112801.7	-5321.8
4623	9.8	112803.1	-5346.1
4624	9.6	112803.2	-5353.4
4625	9.9	112812.7	-5330.5
4626	9.9	112813.4	-5314.9
4627	9.0	112819.2	-5352.0
4628	9.2	112820.2	-5341.6
4629	9.9	112821.5	-5324.8
4630	9.5	112824.4	-5313.6
4631	9.6	112828.6	-5313.2
4632	9.5	112829.4	-5343.5
4633	9.4	112829.4	-5346.1
4634	9.9	112832.9	-5301.2
4635	9.5	112837.6	-5311.4
4636	8.7	112848.2	-5358.1
4637	5.9	112850.4	-5334.4
4638	9.9	112859.7	-5328.9
4639	9.9	112910.2	-5340.7
4640	9.3	112911.9	-5357.0
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4642	9.9	112926.7	-5351.9
4643	9.8	112931.7	-5354.0
4644	8.8	113012.2	-5306.5
4645	9.9	113015.2	-5301.0
4646	9.9	113019.7	-5318.6
4647	9.9	113022.7	-5322.7
4648	8.8	113024.2	-5333.7
4649	9.5	113024.7	-5334.5
4650	9.9	113034.6	-5301.0
4651	9.5	113044.7	-5351.5
4652	9.9	113052.1	-5304.2
4653	9.8	113052.2	-5301.8
4654	9.9	113056.1	-5334.2
4655	8.5	113113.1	-5317.4
4656	9.9	113118.1	-5325.5
4657	9.3	113119.8	-5302.9
4658	8.6	113125.8	-5302.9
4659	9.9	113136.6	-5305.8
4660	9.8	113143.6	-5314.5
4661	9.9	113149.1	-5326.1
4662	9.6	113149.6	-5340.8
4663	9.9	113154.9	-5300.0
4664	9.4	113158.3	-5358.3
4665	9.6	113208.4	-5303.0
4666	9.8	113216.8	-5302.7
4667	9.9	113217.6	-5330.6
4668	8.9	113227.1	-5333.9
4669	9.5	113229.6	-5301.8
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4671	9.8	113302.6	-5351.6
4672	9.6	113303.1	-5334.6
4673	9.8	113306.1	-5336.3
4674	9.9	113311.6	-5355.3
4675	9.9	113324.1	-5346.0
4676	9.6	113336.6	-5314.3
4677	9.4	113339.6	-5314.8
4678	9.4	113341.1	-5319.1
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4680	9.8	113349.6	-5341.5

4681	9.5	113351.1	-5357.7	4771	9.5	114210.1	-5357.9	4861	9.9	115014.4	-5330.4
4682	9.9	113402.6	-5328.1	4772	8.9	114218.1	-5327.6	4862	9.8	115015.8	-5300.5
4683	9.2	113402.6	-5325.1	4773	9.9	114220.6	-5306.0	4863	9.9	115019.8	-5301.3
4684	9.9	113424.1	-5311.1	4774	9.9	114233.1	-5342.7	4864	8.2	115034.9	-5347.9
4685	9.8	113426.6	-5325.7	4775	9.4	114235.6	-5335.7	4865	9.4	115051.9	-5330.3
4686	9.9	113428.9	-5302.1	4776	9.9	114236.5	-5302.0	4866	9.9	115056.9	-5332.7
4687	9.5	113429.9	-5326.0	4777	9.9	114238.6	-5349.9	4867	8.8	115100.9	-5310.3
4688	9.6	113430.1	-5302.7	4778	9.2	114244.3	-5300.4	4868	9.9	115102.9	-5311.0
4689	9.6	113431.9	-5335.8	4779	9.9	114246.6	-5302.7	4869	9.9	115106.2	-5351.0
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4692	9.8	113445.4	-5330.5	4782	9.8	114304.6	-5344.1	4872	9.9	115110.2	-5358.6
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4695	9.9	113506.9	-5314.9	4785	9.0	114332.1	-5320.3	4875	10.1	115139.3	-5302.8
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4697	9.5	113509.4	-5334.2	4787	9.9	114401.6	-5323.0	4877	9.6	115213.4	-5330.7
4698	9.5	113510.9	-5306.5	4788	9.9	114413.6	-5353.0	4878	9.9	115251.9	-5358.1
4699	9.4	113519.0	-5357.1	4789	9.9	114413.6	-5305.6	4879	9.9	115253.9	-5352.6
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4703	9.3	113523.9	-5334.7	4793	8.8	114456.1	-5348.5	4883	9.9	115341.2	-5329.7
4704	9.8	113550.9	-5304.5	4794	9.4	114501.6	-5336.1	4884	9.8	115342.0	-5335.0
4705	9.9	113557.4	-5313.9	4795	9.9	114513.5	-5320.0	4885	9.9	115343.2	-5313.9
4706	9.4	113602.9	-5357.1	4796	9.9	114517.0	-5308.9	4886	9.9	115348.7	-5339.5
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4708	9.9	113610.9	-5328.9	4798	9.6	114522.0	-5304.4	4888	9.5	115358.2	-5311.1
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4712	8.8	113616.4	-5350.4	4802	9.9	114557.0	-5301.7	4892	8.9	115418.2	-5321.3
4713	9.8	113620.9	-5343.9	4803	9.4	114558.5	-5346.8	4893	9.2	115430.7	-5323.9
4714	9.8	113626.4	-5314.2	4804	9.8	114602.0	-5341.3	4894	9.9	115452.2	-5324.2
4715	9.9	113647.4	-5339.1	4805	10.1	114605.7	-5301.7	4895	9.9	115506.2	-5311.5
4716	9.8	113648.9	-5335.1	4806	9.9	114614.5	-5334.3	4896	9.6	115510.2	-5339.1
4717	9.8	113649.9	-5326.7	4807	8.9	114617.0	-5308.5	4897	8.5	115512.2	-5308.3
4718	9.8	113703.4	-5306.4	4808	9.6	114622.5	-5306.3	4898	8.9	115526.2	-5316.1
4719	9.6	113708.9	-5349.2	4809	9.3	114626.0	-5325.7	4899	9.9	115527.2	-5347.7
4720	8.8	113719.4	-5336.8	4810	9.4	114634.0	-5316.1	4900	9.9	115529.0	-5321.5
4721	9.4	113720.9	-5305.9	4811	9.5	114638.0	-5311.1	4901	9.2	115543.2	-5317.1
4722	9.6	113722.9	-5304.0	4812	9.8	114650.5	-5332.8	4902	9.9	115600.7	-5336.1
4723	8.8	113731.4	-5308.3	4813	9.8	114651.0	-5347.6	4903	9.2	115600.9	-5359.3
4724	9.4	113734.4	-5337.1	4814	9.6	114653.5	-5310.3	4904	9.1	115604.2	-5344.7
4725	9.9	113734.9	-5331.0	4815	9.5	114654.0	-5309.0	4905	9.5	115616.7	-5306.4
4726	9.8	113739.9	-5327.4	4816	9.8	114657.5	-5341.9	4906	10.0	115618.5	-5301.9
4727	8.9	113740.3	-5344.7	4817	8.4	114704.0	-5313.5	4907	9.9	115628.2	-5324.1
4728	9.8	113749.3	-5303.2	4818	9.4	114704.0	-5314.1	4908	9.9	115632.7	-5314.7
4729	9.3	113751.3	-5307.5	4819	9.9	114706.5	-5336.9	4909	9.4	115646.4	-5300.9
4730	8.3	113803.8	-5303.3	4820	9.9	114726.0	-5322.5	4910	9.3	115648.2	-5305.5
4731	9.9	113805.8	-5320.8	4821	9.6	114731.5	-5321.2	4911	9.6	115657.2	-5309.5
4732	9.3	113805.8	-5319.1	4822	9.9	114732.5	-5343.9	4912	9.9	115711.7	-5306.5
4733	9.3	113809.8	-5324.2	4823	9.9	114750.0	-5342.1	4913	9.0	115713.6	-5359.9
4734	9.9	113816.3	-5311.3	4824	9.9	114753.0	-5328.4	4914	9.8	115732.2	-5324.0
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4736	9.8	113838.8	-5346.6	4826	9.9	114808.5	-5320.3	4916	9.8	115743.0	-5302.9
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4740	9.5	113900.8	-5339.6	4830	9.4	114819.5	-5338.8	4920	9.5	115812.0	-5331.0
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4761	9.9	114107.8	-5329.6	4851	9.6	114930.4	-5341.8	4941	9.2	120027.5	-5358.7
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4953	9.9	120222.2	-5303.9								
4954	9.0	120229.7	-5340.5								
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4957	9.4	120246.2	-5355.2								
4958	9.4	120257.2	-5327.9								
4959	9.8	120308.2	-5330.5								
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5202	8.8	122631.5	-5349.5
5203	10.2	122631.6	-5300.9
5204	9.4	122640.5	-5329.0
5205	8.6	122644.0	-5309.6
5206	9.9	122644.5	-5303.0
5207	9.8	122702.0	-5318.2
5208	9.2	122705.0	-5308.2
5209	7.9	122712.0	-5305.0
5210	9.9	122714.3	-5305.4
5211	9.6	122741.0	-5329.0
5212	9.7	122800.6	-5300.9
5213	9.1	122808.0	-5315.6
5214	9.9	122809.5	-5345.7
5215	9.9	122812.5	-5305.6
5216	9.9	122823.0	-5314.8
5217	9.9	122830.0	-5311.7
5218	9.4	122834.0	-5334.9
5219	9.0	122840.5	-5353.9
5220	9.8	122845.0	-5340.1
5221	9.1	122848.5	-5340.0
5222	9.9	122849.5	-5341.3
5223	9.4	122915.5	-5343.9
5224	9.8	122916.5	-5326.9
5225	9.3	122922.0	-5354.7
5226	9.2	122930.5	-5357.6
5227	9.7	122933.2	-5345.2
5228	9.2	122935.0	-5353.5
5229	9.7	122935.0	-5328.6
5230	9.7	122939.5	-5328.7
5231	9.2	122946.3	-5300.3
5232	9.2	122952.5	-5325.1
5233	10.3	122953.1	-5302.3
5234	9.6	122958.0	-5348.7
5235	9.8	123002.0	-5331.0
5236	9.9	123002.2	-5309.5
5237	9.6	123020.5	-5315.5
5238	10.0	123022.1	-5301.9
5239	9.9	123033.3	-5357.9
5240	9.9	123042.2	-5315.0
5241	9.9	123046.2	-5328.0
5242	9.7	123119.0	-5336.4
5243	9.9	123122.1	-5325.1
5244	9.9	123123.2	-5337.0
5245	9.2	123141.6	-5308.1
5246	9.6	123144.3	-5317.2
5247	9.7	123209.2	-5345.6
5248	9.2	123211.8	-5348.1
5249	8.6	123213.2	-5351.8
5250	9.4	123225.5	-5315.7
5251	9.7	123228.7	-5345.3
5252	9.1	123236.2	-5311.5
5253	9.3	123250.0	-5351.2
5254	9.4	123252.7	-5357.6
5255	9.2	123253.0	-5327.2
5256	9.2	123315.6	-5359.0
5257	9.3	123316.5	-5341.8
5258	9.2	123324.5	-5334.2
5259	8.8	123326.0	-5311.0
5260	9.4	123328.5	-5306.0
5261	9.0	123331.5	-5322.4
5262	9.2	123341.5	-5315.3
5263	9.6	123342.5	-5326.4
5264	9.3	123356.0	-5324.0
5265	9.6	123356.5	-5320.3
5266	9.6	123357.0	-5359.5
5267	9.7	123405.5	-5309.5
5268	9.6	123406.5	-5310.1
5269	9.7	123407.0	-5334.4
5270	9.4	123409.3	-5330.0
5271	9.1	123409.5	-5327.0
5272	9.6	123412.5	-5310.2
5273	9.7	123421.0	-5316.4
5274	9.7	123429.0	-5347.1
5275	8.9	123430.0	-5349.8
5276	9.4	123430.5	-5337.0
5277	9.3	123437.5	-5312.6
5278	9.1	123452.0	-5336.9
5279	9.2	123500.0	-5321.0
5280	9.1	123506.0	-5315.5
5281	9.6	123509.0	-5314.5
5282	9.6	123519.5	-5328.5
5283	9.7	123532.5	-5350.0
5284	9.3	123533.0	-5358.6
5285	7.3	123536.5	-5351.2
5286	9.3	123540.5	-5337.0
5287	9.7	123548.6	-5359.5
5288	9.7	123550.0	-5300.2
5289	9.4	123554.4	-5334.4
5290	9.3	123607.4	-5315.2
5291	8.8	123610.9	-5343.4
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5293	9.1	123612.9	-5350.6
5294	8.8	123621.9	-5357.8
5295	9.6	123625.4	-5337.0
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5297	9.6	123626.9	-5327.5
5298	8.6	123637.1	-5329.2
5299	9.7	123639.9	-5341.0
5300	9.7	123640.9	-5353.6
5301	9.7	123641.4	-5329.2
5302	9.2	123654.4	-5345.2
5303	8.8	123659.4	-5307.1
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5305	8.8	123700.4	-5320.9
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5307	9.6	123716.4	-5319.8
5308	9.3	123720.4	-5319.6
5309	8.6	123721.9	-5339.6
5310	9.7	123731.2	-5352.0

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5311	9.7	123731.9	-5326.2
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5315	9.6	123752.9	-5355.4
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5319	8.0	123859.4	-5355.8
5320	9.7	123914.9	-5311.6
5321	9.1	123915.4	-5356.0
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5323	9.4	123937.9	-5327.5
5324	9.6	123945.4	-5306.8
5325	9.7	123950.4	-5333.4
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5327	9.2	123958.9	-5318.6
5328	8.6	124002.9	-5354.0
5329	8.6	124018.1	-5346.7
5330	10.0	124020.7	-5301.3
5331	9.6	124021.6	-5307.3
5332	10.3	124023.7	-5301.3
5333	9.3	124033.1	-5322.1
5334	9.2	124033.1	-5329.7
5335	9.7	124036.4	-5300.8
5336	9.2	124058.1	-5321.6
5337	9.2	124058.1	-5309.6
5338	9.6	124120.6	-5307.2
5339	8.7	124130.9	-5300.0
5340	9.7	124217.9	-5358.7
5341	9.7	124234.6	-5333.9
5342	9.0	124239.1	-5316.2
5343	9.7	124239.2	-5323.5
5344	9.3	124312.1	-5304.2
5345	9.6	124317.1	-5357.0
5346	9.4	124319.1	-5307.3
5347	9.7	124331.1	-5314.1
5348	9.6	124338.1	-5351.5
5349	9.4	124343.1	-5334.5
5350	9.7	124352.6	-5347.1
5351	9.6	124354.6	-5347.7
5352	9.0	124403.1	-5319.0
5353	9.2	124405.6	-5325.9
5354	9.7	124407.6	-5322.1
5355	9.1	124429.1	-5349.5
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5358	9.2	124500.8	-5358.7
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5361	9.7	124537.1	-5335.5
5362	9.4	124540.1	-5317.7
5363	9.0	124541.6	-5309.5
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5365	9.6	124602.1	-5313.2
5366	9.6	124610.1	-5355.3
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5368	10.4	124621.1	-5302.8
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5373	9.2	124652.3	-5351.2
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5375	9.0	124705.3	-5329.0
5376	9.6	124709.8	-5343.1
5377	9.4	124714.8	-5309.7
5378	9.4	124722.8	-5328.9
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5380	9.7	124749.9	-5359.2
5381	9.6	124750.8	-5313.1
5382	9.7	124757.3	-5359.4
5383	9.7	124809.8	-5305.2
5384	8.6	124818.3	-5327.7
5385	9.0	124834.3	-5334.1
5386	9.7	124849.8	-5357.1
5387	9.1	124849.8	-5310.1
5388	9.0	124859.8	-5306.1
5389	9.2	124907.8	-5349.1
5390	9.7	124909.8	-5333.1
5391	9.4	124914.3	-5355.3
5392	8.8	124924.8	-5338.5
5393	9.0	124926.8	-5327.1
5394	9.0	124927.3	-5336.5
5395	9.7	124935.8	-5308.9
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5401	9.6	125002.8	-5308.8	5491	9.6	130211.2	-5328.8	5581	9.9	131613.5	-5301.9
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5403	9.1	125029.8	-5337.0	5493	9.6	130241.7	-5319.9	5583	9.4	131618.7	-5354.0
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5405	7.5	125052.3	-5330.5	5495	9.7	130249.2	-5300.2	5585	9.4	131626.6	-5356.7
5406	9.3	125100.3	-5356.4	5496	9.4	130314.2	-5352.8	5586	7.3	131627.7	-5308.3
5407	8.6	125109.8	-5343.3	5497	9.4	130315.2	-5310.3	5587	9.9	131630.2	-5335.5
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5410	9.7	125131.3	-5329.5	5500	8.3	130336.8	-5330.0	5590	9.9	131637.7	-5350.3
5411	9.1	125136.3	-5326.6	5501	9.9	130336.8	-5322.1	5591	7.9	131640.2	-5320.7
5412	9.6	125138.8	-5318.1	5502	9.8	130348.8	-5346.8	5592	9.4	131644.6	-5303.5
5413	9.7	125139.3	-5314.9	5503	9.6	130351.3	-5308.2	5593	8.2	131654.1	-5315.7
5414	9.7	125205.3	-5345.3	5504	9.6	130411.8	-5314.1	5594	9.9	131703.1	-5309.2
5415	9.7	125221.8	-5324.3	5505	10.3	130426.2	-5301.9	5595	8.6	131710.6	-5310.0
5416	8.5	125232.5	-5342.2	5506	9.6	130431.6	-5314.5	5596	9.4	131720.3	-5359.8
5417	8.7	125245.5	-5359.6	5507	9.4	130435.8	-5342.7	5597	9.4	131730.6	-5315.3
5418	9.0	125247.5	-5327.0	5508	10.3	130445.2	-5300.8	5598	9.6	131733.1	-5332.8
5419	9.1	125251.0	-5321.3	5509	9.4	130446.0	-5359.0	5599	8.4	131739.1	-5311.1
5420	9.7	125254.5	-5348.5	5510	9.9	130504.1	-5328.6	5600	8.8	131740.1	-5335.1
5421	9.7	125255.0	-5343.7	5511	9.8	130512.1	-5357.1	5601	9.4	131743.6	-5321.1
5422	9.3	125256.7	-5359.1	5512	8.6	130515.0	-5315.8	5602	9.4	131744.1	-5314.2
5423	9.3	125302.0	-5358.6	5513	9.8	130521.8	-5359.3	5603	9.6	131801.6	-5329.6
5424	9.7	125302.5	-5320.1	5514	9.6	130531.1	-5301.0	5604	9.7	131806.6	-5358.9
5425	8.8	125312.5	-5347.7	5515	9.4	130549.0	-5321.8	5605	9.7	131808.6	-5321.4
5426	9.7	125320.2	-5359.5	5516	9.6	130553.5	-5312.3	5606	9.8	131812.1	-5321.5
5427	9.0	125321.5	-5328.1	5517	9.9	130556.5	-5304.8	5607	9.7	131834.1	-5311.9
5428	9.7	125338.5	-5304.9	5518	9.8	130631.0	-5347.2	5608	8.8	131841.1	-5326.5
5429	9.0	125351.0	-5335.0	5519	9.9	130659.0	-5334.3	5609	9.4	131843.1	-5303.2
5430	9.7	125354.5	-5327.3	5520	9.9	130700.0	-5357.3	5610	9.9	131851.1	-5347.6
5431	8.8	125355.0	-5343.9	5521	9.2	130705.5	-5352.8	5611	9.9	131906.6	-5313.8
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5433	9.7	125411.5	-5347.2	5523	9.3	130733.5	-5346.7	5613	7.9	131913.1	-5308.1
5434	9.2	125417.5	-5339.7	5524	10.3	130736.2	-5302.9	5614	9.9	131934.1	-5318.0
5435	9.1	125419.5	-5355.1	5525	9.2	130738.5	-5300.5	5615	8.2	131942.1	-5330.1
5436	9.4	125419.5	-5303.1	5526	8.8	130750.5	-5301.8	5616	9.3	131944.1	-5311.1
5437	9.6	125420.0	-5330.7	5527	9.2	130820.0	-5324.1	5617	9.4	131953.1	-5329.9
5438	9.6	125427.0	-5339.0	5528	9.4	130821.0	-5356.8	5618	9.2	131957.1	-5337.1
5439	9.4	125441.0	-5325.3	5529	8.7	130824.5	-5356.6	5619	9.7	132000.1	-5353.0
5440	9.7	125452.0	-5338.6	5530	8.9	130833.1	-5300.4	5620	8.9	132008.6	-5304.4
5441	9.4	125508.5	-5317.2	5531	9.0	130834.0	-5327.6	5621	9.7	132017.1	-5305.5
5442	9.7	125517.9	-5301.8	5532	9.8	130840.0	-5355.2	5622	8.2	132022.1	-5330.9
5443	9.2	125523.0	-5345.7	5533	8.7	130852.0	-5349.8	5623	9.2	132022.1	-5323.7
5444	9.4	125527.0	-5330.3	5534	9.4	130857.0	-5304.0	5624	8.5	132029.1	-5351.7
5445	9.0	125601.0	-5355.1	5535	9.4	130918.5	-5314.9	5625	8.8	132041.1	-5325.8
5446	9.6	125604.5	-5348.4	5536	9.4	130929.0	-5305.2	5626	8.9	132041.6	-5339.5
5447	9.3	125619.5	-5352.1	5537	9.6	130934.5	-5352.0	5627	9.6	132049.6	-5349.9
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5449	9.6	125627.0	-5320.0	5539	10.4	130952.2	-5301.6	5629	9.9	132101.4	-5352.5
5450	8.7	125630.0	-5309.2	5540	9.8	130957.5	-5342.1	5630	9.4	132104.4	-5316.7
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5452	9.0	125704.5	-5300.7	5542	9.9	131019.5	-5339.9	5632	9.6	132119.2	-5301.7
5453	9.4	125709.0	-5333.0	5543	9.2	131041.5	-5326.3	5633	9.9	132121.4	-5355.0
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5455	9.0	125745.7	-5336.3	5545	9.3	131044.0	-5341.8	5635	8.5	132140.9	-5324.0
5456	9.4	125750.2	-5310.0	5546	9.4	131045.0	-5323.7	5636	9.6	132143.9	-5303.0
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5459	9.2	125816.2	-5340.2	5549	9.4	131123.5	-5353.5	5639	7.6	132156.4	-5321.2
5460	9.7	125845.7	-5330.0	5550	9.9	131124.5	-5332.2	5640	9.4	132205.9	-5327.1
5461	9.7	125847.2	-5329.3	5551	9.9	131139.5	-5310.7	5641	9.4	132211.9	-5351.7
5462	9.4	125856.2	-5309.4	5552	9.6	131148.5	-5349.8	5642	9.2	132222.4	-5352.1
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5464	8.0	125909.7	-5337.2	5554	9.0	131154.5	-5338.6	5644	9.9	132247.4	-5343.4
5465	9.6	125910.7	-5307.5	5555	9.9	131209.0	-5313.8	5645	9.9	132249.9	-5358.4
5466	8.0	125911.2	-5350.2	5556	9.8	131230.2	-5328.5	5646	8.8	132250.9	-5349.0
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5468	9.6	125932.2	-5341.6	5558	9.9	131250.2	-5300.3	5648	9.4	132259.9	-5312.0
5469	9.7	125933.2	-5350.0	5559	9.2	131259.2	-5336.4	5649	8.8	132300.9	-5345.1
5470	8.7	125939.2	-5323.5	5560	9.9	131259.3	-5343.2	5650	9.4	132333.9	-5336.8
5471	10.0	125943.0	-5300.3	5561	9.6	131305.7	-5307.7	5651	9.7	132337.4	-5352.5
5472	8.8	125946.2	-5339.7	5562	9.6	131305.7	-5341.3	5652	9.6	132340.9	-5339.7
5473	9.0	125948.2	-5338.1	5563	9.9	131315.7	-5319.9	5653	9.6	132343.9	-5336.1
5474	9.4	125949.7	-5323.7	5564	9.6	131319.7	-5342.9	5654	9.9	132349.9	-5327.7
5475	9.0	125954.2	-5339.5	5565	9.4	131357.7	-5342.0	5655	8.7	132356.4	-5352.0
5476	9.7	125954.8	-5301.0	5566	9.6	131411.2	-5355.9	5656	9.4	132428.9	-5358.5
5477	9.0	130015.7	-5329.1	5567	9.0	131415.2	-5343.3	5657	9.8	132444.9	-5348.5
5478	8.8	130017.2	-5344.9	5568	9.2	131415.2	-5311.9	5658	9.4	132452.4	-5311.1
5479	9.4	130021.2	-5322.6	5569	9.9	131430.2	-5354.2	5659	9.2	132500.9	-5345.9
5480	9.6	130024.2	-5351.1	5570	9.9	131440.2	-5311.5	5660	9.1	132509.4	-5331.3
5481	8.8	130026.2	-5305.2	5571	9.4	131451.2	-5352.4	5661	9.8	132507.6	-5356.7
5482	9.4	130046.2	-5317.8	5572	8.9	131454.2	-5351.1	5662	9.8	132509.1	-5310.9
5483	9.1	130050.2	-5319.7	5573	9.6	131513.2	-5355.7	5663	9.2	132520.6	-5349.2
5484	9.7	130059.2	-5350.5	5574	9.8	131518.7	-5339.4	5664	9.0	132529.1	-5347.2
5485	9.3	130108.1	-5357.8	5575	9.4	131529.2	-5307.9	5665	9.6	132546.6	-5315.7
5486	7.8	130109.9	-5356.8	5576	9.6	131534.7	-5334.3	5666	9.6	132553.1	-5355.0
5487	9.6	130125.7	-5331.5	5577	9.6	131536.7	-5327.3	5667	9.8	132604.6	-5319.7
5488	10.4	130139.2	-5302.0	5578	9.9	131543.7	-5338.5	5668	9.4	132631.2	-5300.8
5489	9.4	130149.2	-5346.0	5579	9.9	131548.7	-5302.9	5669	8.8	132632.7	-5302.7
5490	9.6	130206.2	-5354.3	5580	9.4	131613.2	-5323.9	5670	10.2	132646.3	-5300.3
5671	9.6	132654.1	-5327.6								
5672	9.9	132658.1	-5302.3								
5673	8.8	132711.6	-5349.9								
5674	8.8	132714.1	-5333.9								
5675	9.9	132719.0	-5328.0								
5676	9.9	132723.1	-5322.1								
5677	9.8	132724.1	-5301.9								
5678	9.6	132729.6	-5327.4								
5679	9.3	132737.6	-5355.8								
5680	9.6	132739.1	-5347.9								
5681	9.6	132744.1	-5325.7								
5682	9.8	132745.1	-5340.8								
5683	9.7	132821.6	-5346.9								
5684	9.6	132822.8	-5326.0								
5685	8.7	132828.1	-5315.1								
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5687	9.1	132837.6	-5302.5								
5688	9.9	132837.6	-5313.3								
5689	9.9	132839.1	-5315.3								
5690	9.1	132841.6	-5341.1								
5691	9.3	132854.6	-5348.2								
5692	9.7	132900.1	-5352.6								
5693	9.8	132920.6	-5327.0								
5694	9.8	132930.3	-5301.5								
5695	9.2	132936.6	-5307.1								
5696	9.2	132938.2	-5300.8								
5697	9.7	132942.6	-5320.6								
5698	9.9	132947.6	-5331.1								
5699	9.6	132956.1	-5317.3								
5700	9.9	133019.1	-5335.8								
5701	9.9	133034.1	-5334.7								
5702	9.7	133034.1	-5310.0								
5703	9.2	133033.6	-5328.7								
5704	8.7	133057.4	-5316.3								
5705	9.3	133058.7	-5357.1								
5706	9.9	133104.4	-5359.3								
5707	9.4	133115.4	-5322.7								
5708	9.4	133118.4	-5307.7								
5709	9.4	133131.4	-5354.9								
5710	9.4	133131.9	-5314.6								
5711	9.6	133140.4	-5349.0								
5712	7.6	133148.9	-5330.6								
5713	9.7	133152.9	-5353.5								
5714	9.4	133158.9	-5317.8								
5715	9.0	133217.4	-5333.3								
5716	9.6	133223.9	-5321.6								
5717	7.6	133230.4	-5315.6								
5718	9.4	133243.4	-5331.5								
5719	9.4	133248.4	-5315.3								
5720	9.4	133253.9	-5331.5								
5721	9.6	133300.4	-5328.2								
5722	9.2	133320.8	-5301.2								
5723	9.9	133343.2	-5324.7								
5724	9.9	133344.2	-5328.7								
5725	6.1	133344.7	-5355.5								
5726	9.3	133354.2	-5317.5								
5727	9.6	133358.2	-5355.0								
5728	9.3	133401.7	-5321.7								
5729	9.1	133402.1	-5357.0								
5730	9.4	133429.2	-5315.0								
5731	9.6	133510.7	-5316.5								
5732	9.9	133523.7	-5357.7								
5733	8.9	133526.4	-5321.7								
5734	9.1	133527.7	-5358.8								
5735	9.4	133528.4	-5353.3								
5736	9.7	133530.7	-5316.2								
5737	9.2	133538.0	-5333.7								
5738	9.9	133539.4	-5336.2								
5739	9.6	133556.2	-5348.9								
5740	9.6	133606.7	-5342.0								
5741	8.7	133628.7	-5305.9								
5742	8.9	133630.2	-5308.3								
5743	9.7	133708.2	-5347.2								
5744	9.6	133720.7	-5305.9								
5745	10.0	133726.7	-5300.6								
5746	9.6	133743.2	-5339.7								
5747	10.0	133754.2	-5313.0								
5748	9.6	133836.2	-5346.7								
5749	9.8	133840.2	-5333.0								
5750	10.0	133845.7	-5355.1								
5751	10.0	133851.7	-5327.7								
5752	9.8	133901.2	-5359.2								
5753	9.4	133938.7	-5304.7								
5754	9.1	133949.7	-5352.8								
5755	10.0	134009.7	-5347.7								
5756	9.4	134026.2	-5336.7								
5757	9.6	134032.2	-5317.6								
5758	9.6	134057.7	-5335.6								
5759	9.2	134102.2	-5355.4								
5760	8.8	134103.7	-5336.2								

-53 5761 13h41m

-53 6120 14h40m

5761	9.6	134110.7	-5307.6	5851	9.4	135505.7	-5352.4	5941	10.2	141012.2	-5334.8
5762	9.6	134111.7	-5351.4	5852	10.0	135507.0	-5359.9	5942	8.5	141023.2	-5353.2
5763	10.0	134116.2	-5330.1	5853	10.0	135533.2	-5314.4	5943	9.8	141030.2	-5321.6
5764	8.7	134117.7	-5307.1	5854	8.0	135537.7	-5310.2	5944	9.2	141104.2	-5307.0
5765	10.0	134119.9	-5301.6	5855	10.0	135541.1	-5301.1	5945	9.4	141109.2	-5305.2
5766	9.2	134219.7	-5332.6	5856	8.6	135542.2	-5307.0	5946	10.2	141118.7	-5356.1
5767	10.0	134241.2	-5356.3	5857	10.0	135558.2	-5321.4	5947	10.2	141150.2	-5303.3
5768	8.8	134245.2	-5318.7	5858	10.1	135600.0	-5301.2	5948	10.2	141159.2	-5320.6
5769	9.4	134302.7	-5306.7	5859	10.0	135600.2	-5353.5	5949	9.6	141207.2	-5308.7
5770	10.0	134316.2	-5351.2	5860	9.7	135605.2	-5338.5	5950	9.8	141209.7	-5353.7
5771	9.8	134328.7	-5333.7	5861	10.2	135609.0	-5302.1	5951	10.2	141221.2	-5317.2
5772	9.4	134338.2	-5319.1	5862	9.2	135609.2	-5355.8	5952	9.4	141237.7	-5326.9
5773	9.2	134344.2	-5327.3	5863	8.8	135614.2	-5325.7	5953	10.2	141244.7	-5302.4
5774	9.2	134346.7	-5330.2	5864	10.0	135652.2	-5345.2	5954	10.2	141323.0	-5300.8
5775	9.2	134401.7	-5349.9	5865	10.0	135652.2	-5306.2	5955	10.0	141333.2	-5300.8
5776	9.6	134406.7	-5338.5	5866	8.8	135657.2	-5338.1	5956	9.0	141338.7	-5311.1
5777	9.4	134413.2	-5334.9	5867	10.0	135700.7	-5344.2	5957	10.0	141413.2	-5342.1
5778	9.4	134416.2	-5353.7	5868	9.6	135726.2	-5343.0	5958	10.2	141447.0	-5302.1
5779	10.0	134436.7	-5327.2	5869	10.0	135727.7	-5342.8	5959	9.8	141511.2	-5327.0
5780	10.0	134437.7	-5333.1	5870	10.0	135742.2	-5320.6	5960	9.6	141520.7	-5314.5
5781	7.6	134442.9	-5357.5	5871	7.6	135751.2	-5336.3	5961	9.8	141530.7	-5359.9
5782	9.6	134443.2	-5309.0	5872	10.0	135803.2	-5306.3	5962	9.0	141533.2	-5328.9
5783	9.2	134451.2	-5321.5	5873	9.2	135812.2	-5336.8	5963	10.0	141546.5	-5357.2
5784	9.1	134451.2	-5356.7	5874	8.7	135820.2	-5324.3	5964	10.2	141601.2	-5349.9
5785	9.4	134454.9	-5358.2	5875	9.2	135903.2	-5342.9	5965	9.6	141607.2	-5310.1
5786	9.6	134517.7	-5305.1	5876	9.6	135910.2	-5357.6	5966	8.2	141619.5	-5359.4
5787	10.0	134521.7	-5300.0	5877	8.8	135912.2	-5340.0	5967	10.0	141623.2	-5313.9
5788	9.4	134545.7	-5303.2	5878	9.1	135919.7	-5322.7	5968	9.6	141628.2	-5338.2
5789	9.7	134546.2	-5348.4	5879	9.0	135925.7	-5305.6	5969	10.2	141644.7	-5330.1
5790	10.0	134550.7	-5343.0	5880	8.4	135926.2	-5305.3	5970	10.2	141649.7	-5302.0
5791	7.6	134613.2	-5347.7	5881	9.8	135929.2	-5307.7	5971	10.2	141701.6	-5351.3
5792	10.2	134624.0	-5301.6	5882	9.7	135954.2	-5322.5	5972	10.0	141709.1	-5308.8
5793	9.6	134628.7	-5320.6	5883	8.9	140001.2	-5319.9	5973	10.3	141717.9	-5300.8
5794	9.2	134634.3	-5353.7	5884	10.0	140001.2	-5350.7	5974	10.0	141720.1	-5328.5
5795	10.0	134639.7	-5342.1	5885	10.0	140003.0	-5335.3	5975	10.2	141723.6	-5351.9
5796	9.6	134641.7	-5313.5	5886	9.4	140018.5	-5331.6	5976	9.2	141736.6	-5348.3
5797	9.1	134646.9	-5357.9	5887	10.0	140024.1	-5301.6	5977	9.5	141737.6	-5316.6
5798	9.8	134712.7	-5347.1	5888	9.6	140056.0	-5307.5	5978	9.4	141743.0	-5307.8
5799	9.6	134729.9	-5359.6	5889	9.2	140059.5	-5310.1	5979	9.6	141745.6	-5300.5
5800	9.2	134746.2	-5308.8	5890	10.0	140112.0	-5346.8	5980	10.2	141747.1	-5329.2
5801	9.6	134759.7	-5338.5	5891	9.6	140127.0	-5339.6	5981	9.9	141750.9	-5301.0
5802	9.7	134801.2	-5345.7	5892	9.8	140157.5	-5354.2	5982	9.8	141752.6	-5323.0
5803	9.6	134807.7	-5308.0	5893	9.2	140206.0	-5317.2	5983	8.2	141816.1	-5322.3
5804	9.8	134808.2	-5349.1	5894	10.0	140207.0	-5307.4	5984	9.6	141816.6	-5352.5
5805	6.9	134808.7	-5330.9	5895	9.1	140226.0	-5327.2	5985	10.0	141841.6	-5357.2
5806	10.0	134829.9	-5347.4	5896	9.2	140234.5	-5323.9	5986	10.0	141842.6	-5352.7
5807	10.0	134838.9	-5325.8	5897	9.2	140234.5	-5310.3	5987	10.2	141842.6	-5349.7
5808	10.0	134848.9	-5340.7	5898	10.0	140248.5	-5342.0	5988	10.2	141852.1	-5332.1
5809	9.4	134929.9	-5336.7	5899	10.0	140253.7	-5301.4	5989	9.6	141956.6	-5343.8
5810	9.4	134931.4	-5325.9	5900	9.8	140300.5	-5345.7	5990	10.2	142017.1	-5335.3
5811	9.4	134932.4	-5337.2	5901	9.0	140304.0	-5328.8	5991	9.6	142031.1	-5341.1
5812	7.8	134945.9	-5305.6	5902	10.0	140312.0	-5346.9	5992	10.2	142041.3	-5300.5
5813	10.0	134948.4	-5336.2	5903	10.0	140312.5	-5320.6	5993	9.4	142054.1	-5321.9
5814	10.0	135019.4	-5347.7	5904	9.4	140319.0	-5333.8	5994	9.2	142119.4	-5302.0
5815	9.8	135027.9	-5327.2	5905	9.8	140330.0	-5344.0	5995	10.2	142130.6	-5322.9
5816	10.0	135039.4	-5306.9	5906	9.1	140353.0	-5343.7	5996	10.2	142146.6	-5352.0
5817	9.7	135040.9	-5349.7	5907	8.8	140359.5	-5304.3	5997	9.4	142152.6	-5357.2
5818	9.6	135100.4	-5354.0	5908	9.8	140417.7	-5302.3	5998	9.2	142212.6	-5359.0
5819	9.7	135110.4	-5354.3	5909	9.1	140419.5	-5303.0	5999	8.4	142212.6	-5307.7
5820	8.8	135114.4	-5334.1	5910	9.1	140434.5	-5316.1	6000	9.6	142213.1	-5327.2
5821	9.4	135125.9	-5314.2	5911	10.0	140449.0	-5342.9	6001	10.2	142235.7	-5301.9
5822	9.6	135135.9	-5350.2	5912	7.1	140452.5	-5304.8	6002	10.2	142301.1	-5345.2
5823	9.8	135140.4	-5329.8	5913	9.6	140504.0	-5359.6	6003	9.5	142308.1	-5306.7
5824	10.0	135147.9	-5355.3	5914	9.8	140507.5	-5326.4	6004	9.6	142310.6	-5324.6
5825	9.4	135151.4	-5333.7	5915	9.2	140542.0	-5320.6	6005	10.0	142313.6	-5332.9
5826	9.0	135156.9	-5332.3	5916	10.0	140549.5	-5310.2	6006	9.8	142314.6	-5347.8
5827	10.0	135200.9	-5313.7	5917	9.6	140557.5	-5354.2	6007	9.4	142328.7	-5357.2
5828	8.2	135221.4	-5335.9	5918	10.0	140603.2	-5300.2	6008	10.2	142329.1	-5306.4
5829	9.2	135229.9	-5300.4	5919	9.4	140614.5	-5323.9	6009	10.2	142352.6	-5323.7
5830	10.0	135238.4	-5316.2	5920	9.4	140640.5	-5328.2	6010	9.4	142353.1	-5308.2
5831	10.0	135239.4	-5304.2	5921	10.0	140640.5	-5345.8	6011	10.0	142401.1	-5346.2
5832	9.4	135247.4	-5354.7	5922	9.9	140642.2	-5300.2	6012	10.2	142405.5	-5331.1
5833	9.8	135248.9	-5336.3	5923	9.6	140709.0	-5344.7	6013	9.6	142408.7	-5358.9
5834	9.6	135251.9	-5330.3	5924	10.0	140713.0	-5318.7	6014	9.6	142412.0	-5354.5
5835	9.4	135254.9	-5317.8	5925	9.6	140713.5	-5338.0	6015	10.0	142421.0	-5333.1
5836	9.2	135307.9	-5313.9	5926	9.2	140714.6	-5333.4	6016	10.2	142455.5	-5334.6
5837	9.6	135318.4	-5342.7	5927	10.0	140721.0	-5342.8	6017	10.0	142459.0	-5313.6
5838	10.0	135319.0	-5358.8	5928	9.2	140733.6	-5313.9	6018	9.8	142501.0	-5323.0
5839	9.4	135323.4	-5334.1	5929	10.0	140745.7	-5357.0	6019	8.3	142508.0	-5356.1
5840	10.0	135324.1	-5300.2	5930	8.6	140750.7	-5313.9	6020	9.0	142543.0	-5343.3
5841	10.0	135329.4	-5308.0	5931	9.7	140809.5	-5354.1	6021	10.0	142546.5	-5326.8
5842	9.4	135343.7	-5342.0	5932	9.4	140824.5	-5343.1	6022	9.5	142629.5	-5354.1
5843	9.8	135411.2	-5330.3	5933	9.2	140830.8	-5320.8	6023	10.0	142640.0	-5329.1
5844	8.7	135414.7	-5351.5	5934	9.0	140835.2	-5315.8	6024	10.2	142654.5	-5314.6
5845	8.8	135417.2	-5323.2	5935	10.2	140847.7	-5339.0	6025	10.0	142658.0	-5309.8
5846	9.6	135446.7	-5304.8	5936	8.5	140922.7	-5353.6	6026	10.0	142707.0	-5325.6
5847	10.0	135447.2	-5325.9	5937	9.5	140942.2	-5328.1	6027	10.2	142712.0	-5304.6
5848	9.8	135449.2	-5337.7	5938	8.0	140953.2	-5344.5	6028	9.5	142726.0	-5343.2
5849	10.0	135457.2	-5351.2	5939	9.5	140956.7	-5346.9	6029	9.8	142730.0	-5346.9
5850	9.7	135501.7	-5317.0	5940	8.3	141000.7	-5332.9	6030	9.8	142738.5	-5322.0
6031	10.0	142754.5	-5340.7								
6032	8.8	142756.0	-5341.5								
6033	9.5	142802.0	-5326.3								
6034	9.5	142811.0	-5355.2								
6035	9.6	142901.5	-5314.5								
6036	10.0	142905.5	-5341.4								
6037	8.2	142913.0	-5358.0								
6038	8.2	142919.5	-5358.2								
6039	9.8	142926.5	-5323.8								
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6058	9.2	143221.9	-5332.0								
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6060	8.6	143236.4	-5300.2								
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6064	10.0	143259.9	-5307.4								
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6076	10.2	143455.4	-5338.7								
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6080	10.2	143522.9	-5308.2								
6081	10.2	143528.6	-5301.0								
6082	10.0	143535.9	-5333.3								
6083	9.2	143540.1	-5359.4								
6084	9.8	143541.9	-5325.4								
6085	9.6	143543.9	-5314.2								
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6087	10.0	143609.3	-5310.6								
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6092	10.0	143649.7	-5300.1								
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6108	8.9	143935.6	-5357.0								
6109	10.0	143940.3	-5303.1								
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6112	10.2	143958.2	-5359.9								
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6129	10.0	144138.2	-5323.2	6219	10.1	145424.5	-5347.3	6309	10.0	150022.2	-5308.2
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6133	10.0	144208.7	-5348.8	6223	9.2	145441.5	-5327.8	6313	9.7	150036.7	-5324.0
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6136	9.6	144217.2	-5337.0	6226	10.0	145448.0	-5344.4	6316	9.6	150048.7	-5337.9
6137	8.8	144230.7	-5323.7	6227	10.1	145454.5	-5323.8	6317	10.1	150051.2	-5302.0
6138	10.1	144231.7	-5356.1	6228	9.0	145455.5	-5306.0	6318	10.1	150051.9	-5316.8
6139	9.4	144300.2	-5322.8	6229	9.4	145456.0	-5350.9	6319	10.0	150055.9	-5337.2
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6141	10.1	144332.2	-5316.0	6231	10.0	145507.0	-5356.2	6321	9.4	150101.9	-5304.4
6142	10.1	144340.7	-5337.4	6232	10.1	145509.4	-5358.9	6322	10.0	150104.0	-5318.7
6143	9.6	144356.7	-5357.4	6233	10.0	145509.9	-5346.0	6323	8.5	150105.4	-5305.8
6144	10.3	144409.1	-5301.8	6234	9.6	145510.4	-5354.1	6324	9.4	150111.4	-5352.6
6145	10.1	144410.0	-5300.5	6235	10.0	145511.4	-5358.0	6325	9.4	150122.4	-5311.0
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6148	9.4	144421.2	-5323.4	6238	10.1	145519.6	-5355.1	6328	10.1	150201.0	-5356.0
6149	9.2	144422.7	-5319.5	6239	8.7	145519.9	-5307.8	6329	9.8	150215.9	-5350.0
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6151	9.8	144437.2	-5354.1	6241	10.0	145521.4	-5348.1	6331	9.8	150220.2	-5358.0
6152	10.1	144453.7	-5344.4	6242	9.8	145525.5	-5357.3	6332	9.8	150221.4	-5351.0
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6154	10.0	144526.2	-5323.8	6244	10.0	145535.4	-5348.8	6334	9.6	150240.9	-5356.6
6155	10.2	144529.5	-5301.8	6245	9.7	145537.9	-5327.4	6335	9.0	150258.4	-5336.3
6156	9.8	144531.2	-5307.0	6246	10.1	145540.4	-5301.8	6336	8.8	150303.4	-5354.1
6157	10.2	144640.5	-5300.9	6247	10.1	145542.4	-5349.8	6337	8.1	150310.9	-5310.9
6158	8.4	144642.2	-5308.6	6248	9.8	145543.9	-5350.8	6338	10.6	150325.2	-5302.4
6159	9.4	144646.7	-5316.3	6249	10.0	145544.4	-5349.6	6339	9.6	150325.9	-5337.1
6160	10.1	144704.7	-5344.0	6250	9.8	145550.4	-5323.4	6340	10.1	150326.3	-5301.1
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6162	9.8	144740.2	-5344.4	6252	9.4	145554.4	-5357.0	6342	9.4	150331.4	-5314.0
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6168	9.4	144808.7	-5357.2	6258	10.0	145623.9	-5355.4	6348	9.8	150405.9	-5337.9
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6170	9.6	144824.2	-5359.4	6260	10.1	145629.6	-5353.6	6350	10.1	150429.9	-5306.9
6171	9.6	144825.2	-5301.1	6261	10.1	145631.9	-5354.1	6351	9.8	150434.9	-5304.9
6172	9.6	144830.7	-5301.4	6262	10.0	145633.9	-5348.2	6352	10.6	150435.7	-5301.1
6173	9.8	144856.2	-5314.5	6263	9.6	145636.4	-5336.6	6353	10.1	150444.4	-5305.1
6174	10.2	144924.2	-5301.0	6264	10.0	145637.6	-5356.2	6354	9.2	150446.9	-5339.8
6175	10.1	144953.2	-5339.2	6265	10.0	145640.4	-5357.2	6355	9.2	150451.9	-5332.2
6176	10.1	145019.2	-5341.7	6266	9.6	145642.4	-5355.8	6356	10.6	150455.2	-5301.3
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6178	9.4	145027.2	-5356.9	6268	10.6	145643.3	-5300.2	6358	9.8	150457.1	-5312.8
6179	10.0	145027.7	-5323.1	6269	10.0	145645.4	-5353.6	6359	10.1	150505.6	-5359.5
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6183	9.4	145100.2	-5326.0	6273	10.0	145654.4	-5338.4	6363	10.0	150537.1	-5343.1
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6186	8.9	145132.7	-5333.9	6276	10.0	145704.4	-5355.1	6366	9.8	150547.6	-5314.0
6187	9.7	145136.7	-5316.8	6277	10.0	145708.2	-5348.2	6367	10.0	150554.1	-5318.5
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6191	9.7	145158.2	-5341.1	6281	10.0	145743.2	-5341.4	6371	10.0	150619.6	-5334.1
6192	10.0	145204.7	-5343.5	6282	8.9	145748.7	-5327.2	6372	10.2	150620.3	-5302.5
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6194	10.1	145229.0	-5337.3	6284	10.1	145811.7	-5351.2	6374	10.0	150623.6	-5355.8
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6197	9.2	145306.5	-5308.4	6287	10.0	145823.2	-5323.4	6377	10.3	150635.7	-5301.8
6198	9.8	145309.0	-5328.7	6288	8.5	145825.7	-5350.8	6378	9.8	150639.6	-5343.2
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6454	9.4	151340.7	-5358.4								
6455	10.6	151344.5	-5301.0								
6456	9.8	151345.2	-5304.1								
6457	10.1	151352.2	-5306.1								
6458	9.8	151359.7	-5319.3								
6459	10.0	151400.7	-5344.7								
6460	9.6	151408.2	-5304.8								
6461	10.1	151408.2	-5353.6								
6462	10.2	151413.7	-5349.8								
6463	10.1	151419.7	-5328.8								
6464	9.8	151422.7	-5313.7								
6465	9.8	151427.7	-5316.9								
6466	10.1	151429.7	-5324.8								
6467	9.2	151430.2	-5339.4								
6468	10.2	151432.2	-5348.3								
6469	10.2	151433.5	-5325.9								
6470	9.8	151450.7	-5355.7								
6471	10.1	151450.7	-5321.1								
6472	9.8	151500.7	-5331.6								
6473	10.1	151505.5	-5316.5								
6474	8.4	151526.2	-5340.7								
6475	9.6	151532.7	-5321.3								
6476	10.0	151547.7	-5354.5								
6477	9.4	151557.7	-5336.3								
6478	10.2	151559.2	-5314.0								
6479	9.6	151600.7	-5352.8								
6480	10.1	151617.7	-5324.4								

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6481	10.0	151620.2	-5359.5
6482	7.9	151632.2	-5352.5
6483	7.8	151637.2	-5319.5
6484	10.0	151639.3	-5302.1
6485	10.2	151643.7	-5330.2
6486	9.6	151648.0	-5301.9
6487	9.7	151651.7	-5311.3
6488	7.9	151652.2	-5306.8
6489	9.6	151656.1	-5340.0
6490	9.6	151656.6	-5337.9
6491	10.2	151702.6	-5359.0
6492	9.7	151710.1	-5353.2
6493	10.2	151714.6	-5354.3
6494	10.0	151722.6	-5323.0
6495	10.0	151730.1	-5347.4
6496	10.0	151744.6	-5314.1
6497	10.1	151750.6	-5326.2
6498	8.4	151752.1	-5339.8
6499	8.4	151753.6	-5352.4
6500	10.2	151806.1	-5304.3
6501	9.6	151807.6	-5315.3
6502	10.0	151812.0	-5301.1
6503	10.2	151822.1	-5339.3
6504	7.4	151833.6	-5315.6
6505	9.7	151834.1	-5351.2
6506	10.1	151834.6	-5334.5
6507	10.1	151836.1	-5345.7
6508	10.0	151837.0	-5301.5
6509	10.0	151855.6	-5315.5
6510	10.2	151857.1	-5354.3
6511	10.1	151901.6	-5341.0
6512	9.8	151902.1	-5337.3
6513	10.2	151915.6	-5307.5
6514	10.0	151917.6	-5333.0
6515	10.0	151920.1	-5334.3
6516	9.4	151922.1	-5337.4
6517	7.9	151928.6	-5329.1
6518	9.4	151932.1	-5325.3
6519	8.6	151932.1	-5300.5
6520	9.9	151950.6	-5346.9
6521	9.7	151954.6	-5315.4
6522	9.3	151955.1	-5336.5
6523	9.7	151959.6	-5323.1
6524	9.1	152012.1	-5309.4
6525	10.2	152016.1	-5313.0
6526	8.8	152016.1	-5353.1
6527	9.4	152021.0	-5340.0
6528	10.0	152028.0	-5300.5
6529	10.2	152029.0	-5300.7
6530	10.0	152100.8	-5300.8
6531	10.0	152102.0	-5308.5
6532	10.0	152108.5	-5352.6
6533	9.4	152122.5	-5308.2
6534	10.2	152130.0	-5304.0
6535	9.7	152143.5	-5356.4
6536	9.6	152147.5	-5301.4
6537	9.9	152149.0	-5302.4
6538	9.7	152153.5	-5333.8
6539	10.2	152205.0	-5351.2
6540	9.7	152206.5	-5336.8
6541	10.0	152209.0	-5325.0
6542	10.1	152222.7	-5342.9
6543	9.0	152227.5	-5351.2
6544	8.2	152228.0	-5355.9
6545	9.7	152251.5	-5337.9
6546	10.2	152255.0	-5306.8
6547	9.6	152257.5	-5351.6
6548	10.2	152303.5	-5350.1
6549	10.2	152305.0	-5325.9
6550	9.7	152307.0	-5346.9
6551	10.1	152319.5	-5317.2
6552	9.9	152339.8	-5300.9
6553	9.8	152344.0	-5318.3
6554	10.1	152347.5	-5329.7
6555	10.2	152348.5	-5306.6
6556	10.2	152411.5	-5343.9
6557	9.7	152416.0	-5351.2
6558	10.2	152427.0	-5315.2
6559	9.4	152427.5	-5327.3
6560	10.2	152433.0	-5305.4
6561	9.9	152441.9	-5339.2
6562	9.6	152448.4	-5337.7
6563	10.2	152521.9	-5311.3
6564	10.2	152522.0	-5316.9
6565	10.0	152525.9	-5307.9
6566	9.7	152527.9	-5323.1
6567	8.9	152543.4	-5329.9
6568	8.3	152544.4	-5310.7
6569	9.8	152554.9	-5347.4
6570	9.6	152602.4	-5311.9
6571	10.0	152616.9	-5355.7
6572	10.2	152620.9	-5333.8
6573	9.1	152624.9	-5311.1
6574	8.8	152628.4	-5312.5
6575	9.4	152640.9	-5350.5
6576	10.2	152649.4	-5313.4
6577	9.3	152650.4	-5311.3
6578	8.7	152701.9	-5304.0
6579	10.2	152705.9	-5352.6
6580	10.0	152705.9	-5315.0
6581	10.2	152707.4	-5331.3
6582	9.6	152712.9	-5310.2
6583	10.1	152716.4	-5341.1
6584	9.9	152720.2	-5301.5
6585	9.6	152723.4	-5327.2
6586	7.9	152728.4	-5317.9
6587	9.6	152728.6	-5359.1
6588	9.7	152743.5	-5302.0
6589	10.2	152747.3	-5301.0
6590	9.6	152750.4	-5326.8
6591	10.0	152754.9	-5319.1
6592	8.2	152756.9	-5356.9
6593	7.9	152757.4	-5304.4
6594	10.0	152757.9	-5353.4
6595	10.2	152759.2	-5300.2
6596	10.0	152800.9	-5315.9
6597	10.2	152810.9	-5324.2
6598	10.2	152818.4	-5326.0
6599	9.6	152823.4	-5337.1
6600	10.1	152826.9	-5351.7
6601	9.6	152833.3	-5316.5
6602	10.0	152833.3	-5337.0
6603	9.1	152850.8	-5342.3
6604	9.8	152856.8	-5341.0
6605	9.4	152902.3	-5314.5
6606	10.2	152904.3	-5303.4
6607	10.2	152909.5	-5301.2
6608	10.1	152912.3	-5337.1
6609	10.2	152915.3	-5353.3
6610	9.7	152925.8	-5325.4
6611	9.6	152926.3	-5317.3
6612	10.0	152932.3	-5317.2
6613	10.2	152932.3	-5310.4
6614	9.9	152937.3	-5310.5
6615	9.3	152939.8	-5318.4
6616	10.0	152955.8	-5346.2
6617	10.2	152957.9	-5324.2
6618	9.9	153008.3	-5322.3
6619	9.4	153021.8	-5359.2
6620	9.2	153031.8	-5335.5
6621	10.2	153036.3	-5313.6
6622	10.2	153040.3	-5320.5
6623	9.2	153043.3	-5312.4
6624	9.8	153043.3	-5309.1
6625	9.7	153050.3	-5335.6
6626	10.1	153055.8	-5322.9
6627	9.1	153118.3	-5320.2
6628	9.9	153122.8	-5306.8
6629	9.4	153125.8	-5323.0
6630	9.8	153127.3	-5325.4
6631	9.7	153129.8	-5346.4
6632	8.9	153136.8	-5334.7
6633	9.8	153138.3	-5301.2
6634	9.6	153139.3	-5343.7
6635	10.2	153201.8	-5303.7
6636	9.3	153203.3	-5333.3
6637	9.3	153211.8	-5340.9
6638	9.1	153216.3	-5317.1
6639	10.2	153217.8	-5310.8
6640	10.1	153219.8	-5305.6
6641	10.0	153228.7	-5335.1
6642	9.6	153237.2	-5328.3
6643	9.6	153243.2	-5321.1
6644	9.7	153243.7	-5336.9
6645	10.0	153248.2	-5345.7
6646	10.2	153248.7	-5356.4
6647	9.3	153250.2	-5347.1
6648	9.9	153253.7	-5325.7
6649	10.0	153258.7	-5344.7
6650	9.6	153259.7	-5317.3
6651	10.2	153304.7	-5304.9
6652	9.9	153305.7	-5315.9
6653	9.3	153319.7	-5331.1
6654	9.7	153330.2	-5336.1
6655	9.9	153341.2	-5311.5
6656	9.7	153347.7	-5308.9
6657	10.2	153348.2	-5321.7
6658	9.9	153352.7	-5332.3
6659	9.8	153356.2	-5316.9
6660	9.4	153401.7	-5339.1

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6661	10.0	153404.7	-5319.7
6662	9.7	153418.2	-5303.7
6663	9.9	153420.7	-5312.7
6664	10.2	153441.7	-5354.7
6665	9.7	153442.7	-5321.7
6666	9.6	153443.2	-5352.9
6667	8.0	153443.7	-5355.3
6668	9.9	153444.2	-5327.1
6669	10.0	153449.2	-5327.1
6670	9.6	153449.7	-5337.9
6671	9.8	153450.2	-5308.9
6672	8.5	153459.2	-5352.1
6673	10.1	153519.2	-5352.5
6674	8.4	153522.7	-5358.9
6675	9.6	153527.2	-5322.8
6676	10.0	153531.7	-5331.6
6677	10.0	153553.7	-5335.3
6678	10.2	153554.0	-5336.3
6679	10.0	153601.5	-5300.2
6680	9.7	153602.5	-5324.3
6681	8.4	153608.8	-5302.5
6682	10.2	153612.8	-5300.7
6683	9.7	153623.5	-5331.9
6684	9.4	153629.5	-5311.1
6685	8.8	153634.0	-5336.9
6686	10.2	153650.5	-5310.7
6687	9.7	153705.5	-5310.1
6688	9.6	153706.5	-5305.1
6689	9.6	153708.5	-5304.9
6690	9.6	153711.0	-5336.3
6691	9.3	153728.0	-5357.1
6692	9.7	153733.0	-5309.2
6693	10.1	153740.0	-5327.4
6694	9.9	153747.5	-5317.6
6695	9.6	153802.0	-5317.9
6696	9.4	153806.5	-5307.5
6697	10.2	153811.5	-5339.9
6698	10.2	153902.0	-5316.0
6699	9.7	153902.5	-5343.9
6700	10.0	153903.5	-5316.1
6701	9.8	153905.0	-5351.3
6702	10.1	153909.5	-5316.9
6703	9.3	153921.5	-5329.6
6704	10.0	153928.0	-5337.9
6705	9.8	153937.5	-5323.7
6706	10.1	153952.0	-5354.3
6707	10.1	153958.5	-5317.1
6708	9.6	154009.5	-5302.3
6709	10.2	154013.0	-5307.7
6710	10.0	154014.8	-5308.8
6711	10.2	154100.3	-5332.9
6712	10.2	154104.3	-5300.8
6713	10.2	154117.8	-5321.9
6714	10.1	154122.8	-5332.7
6715	9.4	154135.3	-5311.4
6716	9.7	154145.8	-5354.4
6717	9.8	154152.7	-5359.9
6718	9.9	154200.3	-5347.9
6719	10.0	154213.1	-5300.2
6720	9.7	154214.8	-5319.0
6721	9.8	154218.8	-5347.1
6722	9.6	154301.8	-5346.0
6723	8.4	154305.3	-5351.8
6724	8.4	154307.3	-5303.5
6725	10.2	154313.3	-5315.4
6726	8.6	154321.3	-5325.8
6727	10.1	154321.8	-5328.1
6728	8.2	154323.3	-5332.2
6729	10.4	154325.5	-5308.8
6730	10.0	154342.5	-5319.2
6731	10.4	154349.5	-5355.6
6732	8.2	154349.7	-5349.5
6733	9.8	154350.9	-5350.5
6734	9.8	154350.9	-5345.8
6735	10.0	154352.0	-5323.5
6736	8.8	154352.4	-5346.8
6737	10.0	154352.5	-5311.3
6738	10.4	154352.5	-5339.8
6739	10.4	154355.5	-5340.4
6740	10.4	154357.0	-5326.0
6741	9.0	154358.0	-5310.8
6742	10.4	154358.0	-5353.0
6743	9.5	154404.0	-5349.0
6744	9.3	154404.6	-5302.1
6745	10.4	154405.5	-5353.0
6746	10.2	154422.0	-5359.1
6747	9.6	154422.0	-5330.4
6748	10.4	154427.5	-5341.0
6749	9.8	154432.0	-5351.8
6750	10.0	154439.5	-5315.8
6751	10.4	154440.0	-5314.6
6752	10.2	154441.0	-5347.2
6753	7.4	154441.5	-5312.5
6754	10.4	154442.0	-5345.0
6755	10.4	154443.5	-5321.7
6756	10.4	154444.5	-5332.8
6757	10.4	154446.5	-5321.3
6758	10.0	154449.0	-5304.8
6759	10.1	154452.0	-5307.5
6760	9.6	154452.5	-5322.0
6761	10.2	154454.0	-5349.8
6762	9.8	154501.0	-5339.0
6763	10.4	154502.5	-5324.8
6764	10.4	154514.0	-5335.3
6765	10.4	154518.0	-5301.8
6766	7.7	154522.5	-5306.6
6767	10.2	154524.5	-5305.1
6768	9.0	154525.5	-5337.7
6769	10.0	154527.5	-5306.8
6770	10.2	154530.5	-5333.2
6771	10.0	154531.5	-5327.2
6772	9.6	154533.5	-5342.1
6773	10.2	154536.0	-5344.4
6774	9.8	154540.0	-5304.4
6775	10.0	154540.5	-5311.7
6776	10.4	154543.0	-5311.9
6777	10.0	154545.0	-5319.2
6778	9.8	154546.5	-5315.7
6779	10.4	154548.5	-5342.1
6780	10.4	154553.5	-5348.7
6781	10.4	154553.5	-5302.5
6782	9.5	154557.0	-5335.5
6783	9.6	154557.5	-5345.1
6784	10.4	154600.5	-5356.7
6785	10.0	154600.5	-5330.7
6786	9.8	154604.0	-5328.0
6787	10.2	154609.0	-5327.0
6788	10.0	154611.5	-5324.8
6789	10.4	154613.5	-5301.0
6790	9.8	154617.0	-5322.3
6791	7.9	154622.5	-5314.9
6792	10.4	154625.5	-5336.1
6793	10.4	154626.5	-5329.3
6794	9.8	154631.0	-5307.7
6795	9.8	154632.0	-5339.0
6796	10.2	154633.5	-5308.3
6797	10.4	154633.5	-5348.1
6798	9.8	154635.5	-5319.3
6799	10.4	154635.5	-5340.6
6800	10.4	154635.5	-5339.9
6801	10.4	154639.5	-5345.9
6802	10.4	154640.0	-5321.8
6803	10.4	154644.5	-5330.0
6804	10.0	154644.5	-5348.2
6805	9.8	154645.5	-5338.1
6806	10.4	154649.0	-5309.8
6807	10.4	154650.0	-5354.0
6808	10.4	154652.0	-5312.4
6809	10.0	154652.5	-5340.3
6810	10.4	154652.5	-5309.9
6811	10.0	154653.0	-5322.7
6812	10.4	154658.5	-5333.1
6813	9.8	154658.5	-5304.4
6814	9.3	154658.5	-5321.1
6815	10.4	154658.5	-5348.5
6816	9.6	154700.2	-5359.8
6817	9.6	154701.0	-5335.4
6818	10.0	154702.0	-5342.7
6819	10.1	154702.0	-5332.2
6820	10.0	154703.5	-5345.1
6821	10.4	154705.0	-5301.8
6822	9.8	154706.5	-5312.8
6823	10.0	154707.5	-5318.2
6824	7.9	154707.5	-5325.2
6825	9.8	154712.0	-5343.1
6826	10.4	154713.5	-5344.8
6827	9.5	154717.0	-5313.1
6828	10.4	154718.5	-5315.8
6829	10.1	154719.5	-5331.8
6830	9.6	154720.5	-5320.5
6831	9.8	154720.5	-5319.0
6832	10.4	154722.0	-5345.2
6833	10.0	154722.0	-5339.8
6834	9.8	154724.0	-5327.6
6835	10.0	154724.5	-5353.0
6836	8.6	154726.7	-5359.2
6837	10.0	154729.5	-5345.5
6838	9.5	154729.5	-5306.8
6839	9.6	154730.5	-5316.9
6840	10.1	154732.0	-5320.0

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-53 7200 16h00m

6841	10.4	154734.5	-5332.9	6931	10.4	155115.0	-5314.7	7021	10.4	155454.4	-5345.3
6842	9.0	154736.0	-5323.7	6932	9.6	155122.0	-5356.7	7022	10.0	155455.4	-5339.9
6843	10.4	154743.5	-5342.2	6933	10.4	155127.5	-5329.9	7023	10.4	155458.4	-5333.4
6844	9.6	154743.5	-5353.2	6934	10.4	155129.0	-5320.7	7024	9.6	155501.9	-5339.5
6845	8.0	154743.5	-5358.0	6935	10.4	155132.0	-5331.1	7025	10.2	155502.4	-5320.9
6846	10.4	154746.5	-5306.5	6936	9.8	155132.0	-5325.3	7026	10.0	155510.4	-5300.9
6847	9.5	154747.0	-5356.6	6937	10.4	155132.5	-5319.9	7027	10.0	155512.9	-5329.9
6848	10.4	154748.0	-5355.8	6938	10.1	155132.5	-5313.5	7028	10.4	155515.4	-5337.1
6849	9.6	154748.5	-5357.1	6939	9.3	155136.5	-5322.9	7029	10.2	155516.9	-5332.1
6850	9.8	154750.5	-5335.6	6940	10.4	155141.5	-5342.3	7030	10.4	155517.4	-5358.7
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6852	9.8	154756.0	-5331.2	6942	9.6	155144.5	-5338.1	7032	10.4	155518.9	-5319.1
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6855	10.1	154802.5	-5324.8	6945	10.0	155149.0	-5339.9	7035	10.4	155524.4	-5325.9
6856	10.0	154804.5	-5350.6	6946	10.1	155152.5	-5342.9	7036	10.4	155525.2	-5300.5
6857	10.0	154805.0	-5340.1	6947	9.2	155154.5	-5347.2	7037	10.4	155526.4	-5343.7
6858	10.2	154808.0	-5353.9	6948	10.4	155159.5	-5315.9	7038	9.8	155527.4	-5314.7
6859	10.4	154808.5	-5316.7	6949	10.4	155202.0	-5309.7	7039	9.8	155528.4	-5334.2
6860	7.7	154814.5	-5323.5	6950	9.2	155202.5	-5347.3	7040	10.4	155529.9	-5311.7
6861	10.4	154820.5	-5328.5	6951	10.2	155202.5	-5315.6	7041	9.6	155530.7	-5300.0
6862	10.4	154823.0	-5354.3	6952	9.8	155207.5	-5344.3	7042	10.4	155533.4	-5304.1
6863	9.6	154824.5	-5315.5	6953	8.6	155211.0	-5314.5	7043	8.6	155535.9	-5346.1
6864	10.1	154826.0	-5340.1	6954	10.0	155211.0	-5341.6	7044	8.9	155536.9	-5349.9
6865	10.2	154829.0	-5320.6	6955	9.4	155212.0	-5332.5	7045	10.0	155539.9	-5306.3
6866	9.8	154829.0	-5336.9	6956	10.1	155213.5	-5308.8	7046	9.8	155543.9	-5342.2
6867	10.0	154832.5	-5329.6	6957	10.0	155213.5	-5348.6	7047	10.1	155543.9	-5301.9
6868	8.6	154833.0	-5358.7	6958	10.4	155216.5	-5318.7	7048	9.3	155545.9	-5317.1
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6871	10.4	154839.0	-5350.2	6961	10.0	155220.0	-5329.4	7051	8.5	155552.2	-5301.9
6872	10.4	154840.0	-5332.8	6962	9.6	155222.0	-5311.3	7052	10.4	155553.4	-5342.3
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6874	10.4	154841.5	-5323.9	6964	10.1	155225.4	-5331.9	7054	10.0	155610.4	-5352.7
6875	10.4	154843.0	-5341.6	6965	10.1	155226.9	-5318.9	7055	10.4	155610.4	-5327.0
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6877	10.4	154846.5	-5332.0	6967	9.0	155229.9	-5321.5	7057	10.4	155611.9	-5322.5
6878	10.4	154846.5	-5303.7	6968	10.4	155230.4	-5351.5	7058	10.4	155613.4	-5317.0
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6880	10.2	154850.0	-5333.6	6970	8.9	155231.7	-5300.6	7060	10.4	155621.9	-5327.9
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6888	8.6	154917.5	-5342.0	6978	8.3	155308.4	-5304.5	7068	10.4	155647.9	-5324.6
6889	9.2	154921.5	-5328.2	6979	10.4	155308.9	-5336.9	7069	10.4	155649.4	-5337.4
6890	10.2	154926.5	-5346.5	6980	10.0	155310.4	-5348.7	7070	9.6	155650.4	-5344.7
6891	9.8	154929.0	-5309.7	6981	10.0	155315.4	-5335.1	7071	10.4	155650.4	-5328.7
6892	9.4	154932.0	-5308.5	6982	10.4	155317.4	-5309.7	7072	10.0	155653.4	-5324.5
6893	10.4	154935.0	-5314.6	6983	10.0	155318.9	-5328.4	7073	10.0	155700.4	-5353.0
6894	10.4	154936.0	-5326.8	6984	10.0	155322.4	-5327.0	7074	10.4	155702.4	-5321.1
6895	10.2	154936.5	-5312.2	6985	10.4	155327.9	-5356.1	7075	10.4	155709.9	-5335.7
6896	9.0	154936.5	-5317.3	6986	10.4	155328.9	-5306.3	7076	10.2	155710.9	-5358.9
6897	9.6	154937.0	-5305.9	6987	9.8	155331.9	-5322.6	7077	9.6	155713.3	-5358.9
6898	10.1	154940.0	-5326.7	6988	10.0	155332.4	-5311.1	7078	10.4	155716.9	-5349.9
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-53 7201 16h00m

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7622 10.4 160736.8 -5355.1	7712 9.8 160930.7 -5356.6	7802 9.2 161124.6 -5301.1	7892 10.0 161331.4 -5357.3
7623 10.4 160737.3 -5352.1	7713 10.4 160931.6 -5338.9	7803 9.8 161125.1 -5315.5	7893 10.4 161333.2 -5307.7
7624 9.8 160738.8 -5322.8	7714 10.0 160931.7 -5338.4	7804 10.0 161125.6 -5349.2	7894 10.4 161335.7 -5307.0
7625 9.8 160739.8 -5332.8	7715 9.6 160932.7 -5307.6	7805 9.6 161126.1 -5317.0	7895 10.4 161336.2 -5323.7
7626 10.1 160740.3 -5315.9	7716 10.4 160934.2 -5327.9	7806 10.2 161126.6 -5334.2	7896 10.4 161337.7 -5354.1
7627 10.4 160740.3 -5318.2	7717 10.4 160939.2 -5304.8	7807 10.4 161128.1 -5333.3	7897 9.6 161339.2 -5325.9
7628 10.4 160740.8 -5334.3	7718 10.4 160940.6 -5349.3	7808 10.1 161128.6 -5317.5	7898 10.4 161340.1 -5345.7
7629 9.8 160741.8 -5317.7	7719 10.0 160941.1 -5301.7	7809 10.4 161129.6 -5336.8	7899 10.4 161342.2 -5319.9
7630 10.0 160741.8 -5343.1	7720 10.4 160941.7 -5335.2	7810 10.4 161130.1 -5343.9	7900 9.6 161343.2 -5326.3
7631 9.6 160743.3 -5352.7	7721 9.8 160942.7 -5333.0	7811 9.5 161131.6 -5317.3	7901 10.2 161359.2 -5308.0
7632 10.4 160743.8 -5327.2	7722 9.8 160943.7 -5303.6	7812 10.1 161132.7 -5337.8	7902 10.1 161402.7 -5355.9
7633 9.2 160744.8 -5307.5	7723 10.2 160944.6 -5309.4	7813 10.2 161133.1 -5331.0	7903 10.2 161406.2 -5337.7
7634 9.8 160745.3 -5353.1	7724 9.2 160944.7 -5307.8	7814 10.4 161134.1 -5336.4	7904 9.8 161412.2 -5313.7
7635 10.2 160745.8 -5352.9	7725 10.1 160945.2 -5318.6	7815 10.4 161138.1 -5338.8	7905 10.4 161413.2 -5349.0
7636 10.4 160745.8 -5326.0	7726 10.4 160945.4 -5358.9	7816 10.4 161140.6 -5310.0	7906 9.6 161413.7 -5330.9
7637 10.4 160746.3 -5339.2	7727 9.8 160945.7 -5314.8	7817 10.4 161140.7 -5317.0	7907 10.4 161416.2 -5339.1
7638 10.4 160746.8 -5314.9	7728 10.1 160947.2 -5324.0	7818 10.4 161141.1 -5323.6	7908 8.8 161419.9 -5358.5
7639 10.4 160748.3 -5343.1	7729 10.0 160947.4 -5359.9	7819 9.8 161143.6 -5315.5	7909 10.4 161419.7 -5309.9
7640 10.2 160750.3 -5300.1	7730 9.6 160949.2 -5343.6	7820 8.8 161144.0 -5300.3	7910 10.4 161422.7 -5313.0
7641 10.0 160754.2 -5335.6	7731 10.0 160949.7 -5329.4	7821 10.0 161147.1 -5305.8	7911 10.2 161424.2 -5349.7
7642 10.1 160754.3 -5336.2	7732 8.6 160951.7 -5303.6	7822 10.4 161148.6 -5308.1	7912 10.4 161426.1 -5314.6
7643 9.8 160755.3 -5350.0	7733 10.4 160951.7 -5351.7	7823 10.2 161148.7 -5331.1	7913 9.8 161428.2 -5308.1
7644 10.4 160755.7 -5332.0	7734 10.4 160952.2 -5307.6	7824 9.8 161151.1 -5340.3	7914 10.4 161428.7 -5346.0
7645 10.1 160756.2 -5309.0	7735 10.2 160952.6 -5312.9	7825 9.8 161151.1 -5337.2	7915 9.6 161431.2 -5313.6
7646 10.4 160756.7 -5342.8	7736 10.0 160956.2 -5356.0	7826 9.8 161153.6 -5352.5	7916 10.2 161431.7 -5343.5
7647 10.4 160759.2 -5330.4	7737 8.4 160957.2 -5312.1	7827 10.0 161154.1 -5337.0	7917 9.8 161436.7 -5356.6
7648 10.4 160800.2 -5317.5	7738 10.2 160957.6 -5334.9	7828 10.4 161155.1 -5320.9	7918 10.4 161436.7 -5312.8
7649 10.2 160801.2 -5306.2	7739 9.8 160959.6 -5314.4	7829 10.2 161155.6 -5318.3	7919 10.1 161456.9 -5357.9
7650 7.6 160802.2 -5314.4	7740 10.4 160959.7 -5312.6	7830 10.0 161155.7 -5341.1	7920 10.4 161437.2 -5317.1

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7921	9.8	161445.0	-5303.5
7922	10.4	161445.0	-5337.9
7923	10.4	161450.5	-5311.1
7924	10.4	161450.9	-5331.4
7925	9.8	161452.0	-5344.3
7926	10.4	161453.0	-5352.5
7927	10.1	161454.8	-5300.5
7928	8.2	161456.9	-5310.0
7929	10.0	161457.0	-5337.3
7930	8.0	161459.0	-5317.2
7931	9.6	161501.4	-5300.9
7932	10.4	161502.0	-5306.9
7933	10.4	161504.0	-5304.2
7934	10.0	161504.0	-5355.5
7935	10.0	161509.0	-5324.9
7936	10.0	161510.5	-5303.5
7937	10.4	161510.9	-5344.4
7938	10.4	161512.9	-5353.1
7939	10.4	161516.0	-5345.1
7940	10.4	161519.0	-5352.4
7941	9.2	161520.2	-5332.9
7942	9.8	161520.9	-5348.8
7943	10.0	161521.5	-5320.4
7944	9.5	161523.0	-5349.5
7945	9.0	161525.9	-5302.2
7946	10.4	161527.5	-5349.7
7947	9.0	161529.2	-5305.3
7948	10.4	161538.0	-5330.9
7949	10.4	161539.0	-5336.1
7950	10.4	161541.0	-5305.9
7951	10.2	161541.0	-5304.1
7952	10.4	161543.0	-5319.7
7953	10.4	161546.0	-5307.3
7954	10.0	161553.5	-5300.0
7955	10.1	161554.0	-5353.9
7956	9.6	161554.0	-5326.8
7957	9.6	161557.0	-5336.7
7958	9.8	161559.0	-5330.9
7959	10.4	161601.8	-5320.1
7960	9.6	161602.8	-5345.2
7961	10.0	161609.3	-5351.4
7962	9.8	161609.8	-5357.7
7963	10.2	161612.3	-5326.2
7964	9.8	161612.8	-5315.9
7965	9.2	161614.6	-5351.9
7966	10.4	161616.8	-5317.0
7967	10.4	161616.8	-5351.0
7968	8.5	161619.3	-5357.3
7969	10.4	161620.3	-5304.5
7970	10.0	161621.8	-5307.8
7971	10.4	161622.8	-5306.2
7972	9.8	161624.8	-5354.1
7973	10.2	161626.8	-5322.0
7974	9.8	161633.5	-5342.1
7975	8.9	161634.8	-5308.5
7976	9.8	161634.9	-5333.4
7977	9.8	161641.9	-5335.7
7978	9.8	161646.4	-5341.0
7979	9.4	161654.4	-5318.0
7980	9.3	161657.6	-5300.9
7981	9.6	161657.9	-5343.6
7982	9.6	161703.4	-5346.4
7983	9.8	161706.9	-5335.2
7984	9.7	161709.9	-5348.0
7985	9.4	161716.4	-5331.9
7986	9.4	161718.9	-5319.6
7987	9.5	161719.4	-5347.7
7988	9.8	161723.5	-5347.4
7989	9.7	161726.4	-5301.0
7990	9.6	161736.9	-5333.4
7991	8.6	161737.9	-5349.5
7992	9.5	161738.4	-5346.7
7993	9.8	161748.9	-5326.9
7994	9.8	161751.9	-5304.2
7995	9.8	161752.9	-5302.8
7996	9.2	161753.4	-5328.5
7997	9.0	161800.4	-5314.8
7998	9.8	161802.4	-5335.2
7999	9.5	161806.9	-5321.6
8000	9.2	161808.4	-5322.9
8001	9.0	161808.9	-5319.5
8002	9.6	161811.5	-5335.0
8003	9.7	161812.9	-5319.4
8004	9.8	161813.9	-5307.0
8005	9.7	161823.7	-5302.2
8006	9.4	161828.9	-5315.1
8007	9.8	161832.9	-5334.8
8008	9.1	161835.9	-5349.4
8009	9.0	161836.4	-5341.8
8010	8.8	161839.9	-5350.7
8011	9.4	161840.9	-5337.5
8012	8.4	161842.4	-5355.0
8013	9.5	161846.4	-5339.1
8014	9.2	161848.4	-5356.7
8015	9.2	161850.2	-5359.7
8016	9.6	161903.4	-5337.9
8017	8.9	161905.9	-5321.9
8018	9.8	161906.9	-5316.9
8019	9.6	161909.9	-5341.6
8020	9.2	161925.9	-5354.7
8021	9.8	161929.9	-5355.9
8022	9.8	161939.9	-5347.9
8023	9.3	161951.9	-5307.9
8024	9.6	161952.9	-5356.4
8025	9.4	162004.9	-5337.9
8026	9.7	162037.4	-5332.3
8027	9.6	162043.4	-5303.4
8028	9.8	162051.4	-5357.6
8029	8.9	162058.9	-5316.2
8030	9.3	162100.4	-5305.0
8031	9.7	162101.9	-5337.9
8032	9.8	162112.7	-5300.9
8033	9.8	162128.7	-5301.5
8034	9.4	162142.9	-5338.9
8035	9.8	162213.4	-5345.3
8036	9.6	162214.4	-5349.9
8037	9.8	162217.9	-5343.1
8038	9.8	162218.4	-5338.7
8039	9.8	162242.9	-5330.3
8040	9.8	162246.4	-5353.5
8041	9.6	162249.4	-5306.1
8042	9.8	162309.9	-5328.9
8043	9.5	162330.4	-5337.1
8044	9.5	162337.4	-5328.9
8045	9.8	162340.4	-5325.8
8046	8.7	162342.4	-5304.2
8047	9.4	162343.9	-5304.4
8048	9.8	162348.4	-5350.0
8049	9.7	162405.4	-5337.1
8050	9.6	162409.1	-5357.7
8051	9.6	162410.4	-5307.1
8052	9.6	162415.4	-5329.0
8053	9.5	162424.4	-5357.5
8054	8.8	162431.9	-5317.7
8055	9.4	162435.9	-5324.7
8056	9.8	162438.4	-5316.4
8057	9.6	162449.4	-5357.9
8058	9.8	162501.4	-5329.0
8059	9.8	162506.9	-5317.5
8060	9.8	162510.4	-5323.7
8061	9.6	162512.4	-5312.9
8062	9.8	162515.4	-5317.1
8063	9.5	162515.9	-5341.0
8064	7.6	162526.9	-5322.8
8065	9.5	162537.6	-5301.7
8066	9.8	162543.4	-5324.6
8067	9.4	162544.9	-5352.0
8068	9.5	162552.4	-5313.0
8069	9.0	162557.9	-5329.1
8070	8.2	162600.4	-5343.1
8071	10.0	162602.4	-5301.2
8072	9.3	162602.9	-5342.6
8073	9.8	162611.9	-5357.5
8074	9.7	162621.9	-5313.4
8075	9.6	162625.9	-5355.1
8076	8.4	162629.4	-5357.4
8077	9.8	162630.9	-5323.4
8078	9.8	162644.4	-5326.4
8079	8.8	162646.4	-5339.5
8080	9.4	162648.9	-5312.2
8081	9.6	162652.4	-5309.9
8082	9.8	162655.9	-5351.1
8083	9.2	162704.4	-5305.8
8084	9.8	162712.4	-5307.2
8085	9.8	162717.9	-5328.9
8086	9.8	162718.7	-5300.0
8087	9.5	162719.9	-5352.4
8088	9.8	162721.9	-5300.9
8089	9.2	162722.0	-5324.5
8090	10.0	162724.5	-5302.0
8091	8.2	162725.9	-5331.0
8092	8.9	162729.9	-5303.8
8093	9.6	162732.4	-5350.1
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8096	9.8	162809.9	-5311.2
8097	9.8	162818.9	-5343.4
8098	9.0	162829.7	-5302.4
8099	9.6	162837.9	-5318.9
8100	9.8	162841.4	-5323.0

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8101	9.7	162842.4	-5316.9
8102	9.8	162848.9	-5355.0
8103	9.7	162850.4	-5346.8
8104	9.8	162853.9	-5301.0
8105	9.6	162902.4	-5341.5
8106	9.5	162904.9	-5322.9
8107	9.6	162906.4	-5351.6
8108	9.6	162910.5	-5301.4
8109	9.8	162914.0	-5302.1
8110	9.0	162926.4	-5307.1
8111	8.6	162939.4	-5306.3
8112	9.5	162953.9	-5353.0
8113	9.8	162956.6	-5302.5
8114	9.8	163000.9	-5319.7
8115	9.6	163001.9	-5344.8
8116	9.5	163002.4	-5306.3
8117	8.6	163006.4	-5344.3
8118	9.6	163009.4	-5330.3
8119	9.8	163012.9	-5353.1
8120	8.6	163015.9	-5319.2
8121	9.7	163020.4	-5351.0
8122	7.8	163038.4	-5353.2
8123	9.6	163043.9	-5320.3
8124	9.8	163048.4	-5311.0
8125	8.8	163049.4	-5335.8
8126	9.2	163055.9	-5345.3
8127	9.2	163055.9	-5356.0
8128	9.8	163100.4	-5320.2
8129	9.7	163114.9	-5315.0
8130	9.8	163116.9	-5354.0
8131	8.8	163122.9	-5331.4
8132	9.8	163124.4	-5307.2
8133	9.8	163130.4	-5349.0
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8135	9.8	163136.9	-5354.9
8136	8.6	163155.4	-5352.8
8137	9.8	163213.9	-5351.4
8138	9.8	163219.3	-5357.7
8139	8.6	163222.4	-5355.8
8140	9.0	163223.4	-5345.0
8141	9.8	163229.4	-5326.4
8142	9.8	163230.3	-5313.0
8143	9.8	163231.9	-5341.0
8144	9.8	163238.9	-5347.3
8145	9.8	163246.7	-5301.2
8146	9.7	163303.4	-5330.0
8147	8.5	163309.4	-5335.1
8148	9.7	163318.9	-5346.8
8149	9.7	163325.9	-5335.8
8150	9.7	163332.9	-5357.0
8151	9.2	163333.9	-5350.2
8152	9.8	163336.9	-5319.4
8153	8.6	163353.9	-5315.0
8154	9.7	163355.9	-5327.8
8155	8.8	163400.4	-5326.8
8156	9.6	163436.4	-5338.5
8157	9.8	163500.9	-5349.4
8158	9.8	163501.6	-5301.0
8159	9.6	163503.9	-5355.3
8160	8.8	163515.4	-5342.4
8161	9.8	163531.9	-5301.7
8162	9.0	163533.9	-5333.0
8163	9.8	163600.4	-5301.9
8164	9.5	163604.9	-5346.3
8165	9.6	163621.8	-5348.8
8166	9.8	163633.6	-5357.9
8167	9.8	163638.8	-5346.9
8168	9.6	163639.8	-5315.1
8169	9.5	163704.8	-5335.9
8170	9.8	163707.8	-5314.4
8171	9.8	163714.8	-5320.7
8172	9.8	163725.8	-5347.2
8173	9.8	163728.3	-5327.0
8174	9.4	163732.8	-5325.5
8175	9.6	163740.3	-5328.9
8176	8.0	163742.8	-5325.4
8177	9.8	163814.3	-5333.5
8178	10.0	163827.5	-5301.5
8179	9.8	163842.8	-5306.8
8180	9.4	163850.8	-5336.0
8181	9.8	163902.3	-5325.5
8182	9.8	163910.8	-5353.0
8183	9.6	163923.3	-5331.2
8184	9.5	163939.3	-5316.1
8185	9.8	163943.3	-5340.5
8186	9.2	164017.8	-5359.0
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8188	9.4	164033.3	-5332.9
8189	9.8	164106.3	-5325.2
8190	9.8	164126.2	-5347.4
8191	9.8	164158.3	-5306.1
8192	8.7	164203.3	-5336.8
8193	9.8	164211.2	-5355.7
8194	8.8	164212.3	-5317.0
8195	9.8	164216.0	-5346.3
8196	9.8	164216.6	-5358.1
8197	9.7	164222.8	-5333.5
8198	9.8	164226.8	-5333.3
8199	9.7	164229.8	-5344.4
8200	9.8	164230.3	-5305.2
8201	8.9	164233.3	-5345.2
8202	9.8	164240.3	-5305.4
8203	9.8	164240.8	-5339.6
8204	9.9	164241.0	-5301.0
8205	8.6	164245.3	-5304.3
8206	9.8	164248.0	-5358.0
8207	8.8	164255.5	-5356.8
8208	9.9	164309.7	-5300.9
8209	10.0	164313.5	-5300.2
8210	9.5	164319.3	-5321.2
8211	9.8	164331.3	-5344.7
8212	8.1	164355.3	-5344.3
8213	9.8	164359.8	-5334.2
8214	9.8	164402.3	-5319.0
8215	9.8	164404.8	-5313.7
8216	9.8	164411.3	-5307.1
8217	9.7	164414.8	-5321.8
8218	9.5	164418.0	-5302.0
8219	8.0	164425.8	-5303.5
8220	9.9	164430.7	-5300.1
8221	9.8	164451.3	-5312.9
8222	9.9	164453.0	-5302.7
8223	9.8	164454.5	-5324.5
8224	9.4	164505.3	-5330.9
8225	9.6	164507.8	-5318.4
8226	9.2	164535.0	-5302.4
8227	9.7	164552.3	-5332.0
8228	9.8	164605.8	-5324.3
8229	9.5	164619.6	-5301.3
8230	9.8	164649.8	-5309.8
8231	9.8	164701.8	-5322.3
8232	9.4	164707.8	-5321.4
8233	9.6	164709.8	-5337.1
8234	9.8	164712.3	-5355.2
8235	9.8	164714.0	-5350.9
8236	9.8	164728.0	-5348.7
8237	9.4	164730.0	-5333.7
8238	8.9	164740.7	-5304.9
8239	10.1	164740.7	-5310.6
8240	10.1	164742.2	-5336.9
8241	8.1	164751.2	-5338.4
8242	10.1	164754.2	-5352.9
8243	10.1	164754.2	-5308.1
8244	8.0	164755.0	-5338.3
8245	9.8	164759.0	-5346.1
8246	10.0	164759.7	-5338.9
8247	9.8	164806.7	-5344.6
8248	9.0	164812.0	-5302.7
8249	7.8	164813.5	-5343.2
8250	10.0	164816.2	-5302.9
8251	10.1	164829.7	-5350.7
8252	10.0	164831.7	-5348.7
8253	9.8	164833.7	-5316.9
8254	10.1	164837.7	-5351.7
8255	9.6	164841.0	-5311.0
8256	8.8	164844.2	-5348.0
8257	10.1	164848.7	-5339.2
8258	10.0	164849.7	-5348.0
8259	9.6	164849.7	-5324.7
8260	10.0	164851.2	-5305.2
8261	9.8	164858.2	-5349.0
8262	10.1	164906.2	-5321.1
8263	10.1	164910.2	-5341.3
8264	10.1	164911.2	-5333.7
8265	10.1	164911.2	-5329.9
8266	10.1	164911.7	-5353.0
8267	9.6	164912.2	-5326.1
8268	10.1	164915.2	-5303.2
8269	10.0	164923.2	-5359.6
8270	9.6	164939.7	-5342.6
8271	9.6	164941.2	-5355.9
8272	9.6	164946.7	-5356.4
8273	10.0	164951.7	-5331.2
8274	9.8	164957.2	-5310.2
8275	9.6	164957.2	-5331.7
8276	9.3	164958.7	-5353.8
8277	10.1	165003.7	-5341.5
8278	9.6	165011.2	-5309.4
8279	9.6	165012.7	-5304.3
8280	9.6	165012.7	-5349.5

-53 8281 16h50m

-53 8640 17h19m

8281	10.1	165017.2	-5339.8	8371	9.6	165722.2	-5333.4	8461	8.5	170312.2	-5330.6	8551	10.1	171059.0	-5351.6
8282	10.1	165021.2	-5333.8	8372	10.1	165725.7	-5337.4	8462	10.1	170321.2	-5313.2	8552	9.8	171100.0	-5311.8
8283	9.6	165031.2	-5338.0	8373	9.6	165726.2	-5349.2	8463	10.0	170322.7	-5343.2	8553	10.0	171112.5	-5315.6
8284	10.0	165032.2	-5316.3	8374	10.0	165728.7	-5325.2	8464	9.8	170323.7	-5310.6	8554	9.5	171115.5	-5320.2
8285	10.1	165033.7	-5332.9	8375	10.1	165733.1	-5334.0	8465	9.6	170326.7	-5358.1	8555	10.1	171133.2	-5358.9
8286	10.0	165034.2	-5347.3	8376	9.6	165735.2	-5302.2	8466	10.0	170327.2	-5330.6	8556	10.0	171135.5	-5328.0
8287	9.8	165034.2	-5336.0	8377	10.0	165740.7	-5334.2	8467	7.6	170330.2	-5318.4	8557	10.1	171137.5	-5350.8
8288	10.1	165051.7	-5302.9	8378	10.0	165742.2	-5320.3	8468	10.1	170337.2	-5335.1	8558	10.1	171138.0	-5329.0
8289	9.5	165059.7	-5313.3	8379	10.0	165742.2	-5335.0	8469	10.1	170338.7	-5315.1	8559	9.6	171152.5	-5353.9
8290	9.8	165103.2	-5348.5	8380	10.1	165743.2	-5344.1	8470	8.4	170339.7	-5325.5	8560	10.0	171202.0	-5348.2
8291	8.8	165103.2	-5347.2	8381	10.1	165743.7	-5344.8	8471	9.6	170349.2	-5303.0	8561	10.1	171221.0	-5350.9
8292	9.5	165103.4	-5357.7	8382	10.1	165748.7	-5343.2	8472	10.1	170350.2	-5339.0	8562	10.1	171229.5	-5333.4
8293	10.1	165117.2	-5335.6	8383	10.1	165750.7	-5355.6	8473	10.1	170401.7	-5323.8	8563	8.2	171230.0	-5326.5
8294	9.5	165122.2	-5316.5	8384	9.8	165752.2	-5309.4	8474	9.8	170402.7	-5322.9	8564	9.6	171234.0	-5327.4
8295	10.0	165122.2	-5328.0	8385	9.6	165753.2	-5309.8	8475	9.4	170406.2	-5315.2	8565	10.1	171238.5	-5307.2
8296	10.1	165127.7	-5347.0	8386	9.6	165753.7	-5346.8	8476	10.1	170409.3	-5311.8	8566	10.0	171251.0	-5352.2
8297	9.6	165128.7	-5353.2	8387	10.0	165804.2	-5319.6	8477	10.0	170411.7	-5331.0	8567	10.0	171253.0	-5308.2
8298	9.6	165130.2	-5308.8	8388	10.1	165809.2	-5332.6	8478	9.6	170412.2	-5350.4	8568	10.0	171253.5	-5350.0
8299	10.1	165134.2	-5321.6	8389	9.8	165812.2	-5326.4	8479	10.0	170434.2	-5321.8	8569	10.1	171253.5	-5320.3
8300	10.1	165142.9	-5358.0	8390	9.5	165814.7	-5341.9	8480	10.1	170434.7	-5300.9	8570	10.1	171257.5	-5319.7
8301	10.1	165144.2	-5341.6	8391	10.1	165823.2	-5313.0	8481	8.8	170436.2	-5332.8	8571	9.8	171301.0	-5306.0
8302	10.1	165146.7	-5300.2	8392	10.1	165824.2	-5324.0	8482	9.2	170440.7	-5334.2	8572	9.4	171309.5	-5304.9
8303	9.6	165149.7	-5333.0	8393	10.0	165830.2	-5343.2	8483	10.1	170442.2	-5325.0	8573	10.0	171315.0	-5305.8
8304	10.1	165151.7	-5305.4	8394	10.0	165835.7	-5347.2	8484	10.0	170447.7	-5320.2	8574	9.6	171318.5	-5357.1
8305	8.0	165153.2	-5347.2	8395	10.0	165840.2	-5337.4	8485	10.1	170457.2	-5309.2	8575	9.8	171319.0	-5332.7
8306	8.2	165200.4	-5357.9	8396	10.1	165847.7	-5351.8	8486	9.8	170506.2	-5320.3	8576	9.5	171322.0	-5354.3
8307	10.0	165200.7	-5302.9	8397	9.8	165849.7	-5301.4	8487	10.1	170512.2	-5343.8	8577	9.8	171334.0	-5306.0
8308	10.0	165201.7	-5307.6	8398	9.1	165851.2	-5313.2	8488	10.0	170528.2	-5307.9	8578	10.0	171341.0	-5346.5
8309	10.0	165204.2	-5333.0	8399	10.1	165854.7	-5353.2	8489	10.1	170533.7	-5318.4	8579	10.1	171353.5	-5353.6
8310	9.8	165211.7	-5340.0	8400	10.1	165855.4	-5334.7	8490	10.1	170535.7	-5325.7	8580	10.1	171356.0	-5350.6
8311	9.8	165218.2	-5358.8	8401	10.1	165901.2	-5324.0	8491	9.5	170547.7	-5354.8	8581	10.1	171407.5	-5354.5
8312	9.6	165220.2	-5300.4	8402	9.6	165909.7	-5333.8	8492	8.3	170551.2	-5347.6	8582	10.0	171408.5	-5320.2
8313	10.1	165226.7	-5336.4	8403	10.1	165911.7	-5314.0	8493	8.0	170552.2	-5313.8	8583	10.1	171411.5	-5346.8
8314	10.0	165227.7	-5352.1	8404	10.0	165916.7	-5350.6	8494	10.1	170554.4	-5300.5	8584	9.5	171417.0	-5343.8
8315	10.0	165259.2	-5344.8	8405	8.5	165920.2	-5313.4	8495	10.1	170559.2	-5343.5	8585	10.1	171422.0	-5317.2
8316	6.7	165310.2	-5302.9	8406	10.1	165931.2	-5340.0	8496	10.0	170600.7	-5342.5	8586	9.0	171422.0	-5330.7
8317	10.0	165310.7	-5323.2	8407	9.4	165931.7	-5359.9	8497	10.0	170604.2	-5358.0	8587	9.3	171426.0	-5351.5
8318	9.1	165314.7	-5317.9	8408	9.6	165943.2	-5353.2	8498	9.8	170610.2	-5320.9	8588	10.0	171429.5	-5351.8
8319	10.1	165317.7	-5348.2	8409	9.6	165946.2	-5303.6	8499	9.8	170611.2	-5309.2	8589	9.6	171434.5	-5350.9
8320	10.0	165320.2	-5314.4	8410	10.2	165948.2	-5322.2	8500	10.0	170611.7	-5336.0	8590	9.6	171441.5	-5358.1
8321	9.8	165321.7	-5332.9	8411	10.1	165948.4	-5334.6	8501	9.8	170616.2	-5325.8	8591	10.0	171441.5	-5345.5
8322	9.4	165331.2	-5328.0	8412	10.1	165950.2	-5346.2	8502	10.1	170617.7	-5341.4	8592	8.6	171442.5	-5331.7
8323	10.1	165336.2	-5356.2	8413	9.8	165957.3	-5300.8	8503	10.0	170622.2	-5303.6	8593	10.1	171448.0	-5306.6
8324	10.1	165336.7	-5355.8	8414	10.1	170003.7	-5307.0	8504	10.0	170623.2	-5336.0	8594	9.5	171450.5	-5330.0
8325	9.6	165336.7	-5328.2	8415	10.1	170009.7	-5325.6	8505	9.0	170630.7	-5343.2	8595	9.8	171450.8	-5359.0
8326	10.1	165344.7	-5305.0	8416	9.3	170014.3	-5302.8	8506	9.8	170646.7	-5339.2	8596	9.6	171500.0	-5310.4
8327	9.2	165406.2	-5329.0	8417	10.0	170018.2	-5309.0	8507	10.0	170649.7	-5341.5	8597	10.1	171518.5	-5302.9
8328	9.8	165411.7	-5348.0	8418	10.1	170027.7	-5336.2	8508	10.0	170654.7	-5340.0	8598	9.8	171527.8	-5329.5
8329	9.8	165421.7	-5315.2	8419	10.1	170031.2	-5358.0	8509	9.0	170659.2	-5353.9	8599	10.0	171531.3	-5319.7
8330	9.6	165422.7	-5356.4	8420	8.8	170031.2	-5346.8	8510	9.8	170700.2	-5319.0	8600	10.1	171532.3	-5322.1
8331	9.2	165427.7	-5300.8	8421	10.0	170031.7	-5340.8	8511	10.1	170703.2	-5352.0	8601	10.1	171539.8	-5346.2
8332	8.5	165433.2	-5325.4	8422	10.1	170033.2	-5316.2	8512	10.0	170713.2	-5357.0	8602	9.8	171540.8	-5341.2
8333	10.1	165435.2	-5302.6	8423	9.8	170035.2	-5304.8	8513	10.0	170719.7	-5323.9	8603	10.1	171544.8	-5315.3
8334	9.6	165437.2	-5347.8	8424	10.1	170039.2	-5307.0	8514	10.0	170723.7	-5300.0	8604	10.1	171553.8	-5305.0
8335	10.1	165437.7	-5350.0	8425	9.5	170039.7	-5304.2	8515	9.6	170725.2	-5307.1	8605	10.1	171559.8	-5320.0
8336	10.1	165444.2	-5313.6	8426	10.1	170040.7	-5358.6	8516	9.3	170738.7	-5344.7	8606	10.1	171609.3	-5338.0
8337	9.6	165449.7	-5314.2	8427	9.5	170045.7	-5309.7	8517	9.6	170741.2	-5315.9	8607	8.8	171613.9	-5300.6
8338	10.1	165453.7	-5343.4	8428	9.0	170055.7	-5358.2	8518	10.0	170748.7	-5331.1	8608	10.1	171627.3	-5332.4
8339	10.1	165507.2	-5333.1	8429	9.8	170105.7	-5342.4	8519	9.1	170753.7	-5338.8	8609	10.0	171645.3	-5309.2
8340	10.1	165508.4	-5339.0	8430	10.1	170107.2	-5345.6	8520	9.1	170804.2	-5346.2	8610	10.1	171648.3	-5340.2
8341	9.6	165512.2	-5345.8	8431	8.5	170110.7	-5339.8	8521	10.1	170811.3	-5337.5	8611	9.6	171649.3	-5329.8
8342	10.1	165512.7	-5320.2	8432	9.8	170110.7	-5330.4	8522	9.4	170813.7	-5348.2	8612	9.4	171649.8	-5338.4
8343	10.1	165531.7	-5358.8	8433	10.1	170120.7	-5326.6	8523	9.6	170816.2	-5356.6	8613	10.1	171708.3	-5300.8
8344	8.4	165532.2	-5335.2	8434	10.1	170124.7	-5312.9	8524	9.4	170851.2	-5332.6	8614	9.6	171710.8	-5335.6
8345	9.6	165535.2	-5317.1	8435	10.0	170125.2	-5317.4	8525	10.1	170852.2	-5300.5	8615	9.8	171715.8	-5343.0
8346	9.1	165541.7	-5333.5	8436	10.0	170136.2	-5303.3	8526	10.1	170857.2	-5302.1	8616	10.1	171716.3	-5341.4
8347	9.6	165548.2	-5302.6	8437	9.8	170144.2	-5336.8	8527	9.6	170908.7	-5319.5	8617	9.6	171723.3	-5333.2
8348	10.1	165549.7	-5321.2	8438	10.1	170150.2	-5334.1	8528	10.0	170908.7	-5325.2	8618	9.3	171727.8	-5342.6
8349	9.5	165551.2	-5341.1	8439	9.6	170151.2	-5314.2	8529	8.6	170916.2	-5314.6	8619	8.0	171729.8	-5306.6
8350	10.0	165552.7	-5327.9	8440	10.1	170159.7	-5358.2	8530	10.1	170920.2	-5350.5	8620	10.1	171731.3	-5300.0
8351	10.0	165603.2	-5317.2	8441	10.0	170159.7	-5309.0	8531	8.6	170921.2	-5314.0	8621	10.0	171752.8	-5304.9
8352	10.1	165607.7	-5331.2	8442	9.6	170200.7	-5337.2	8532	9.2	170922.2	-5314.9	8622	10.1	171754.8	-5353.2
8353	10.1	165611.4	-5343.9	8443	10.0	170206.2	-5340.2	8533	10.0	170930.2	-5302.1	8623	7.6	171812.3	-5354.6
8354	10.1	165614.2	-5315.0	8444	9.6	170209.7	-5315.2	8534	8.0	170930.7	-5340.8	8624	8.4	171815.8	-5323.2
8355	10.1	165618.7	-5313.4	8445	8.3	170212.2	-5313.0	8535	10.0	170934.2	-5358.0	8625	9.6	171819.3	-5312.6
8356	10.0	165621.2	-5346.4	8446	10.1	170212.2	-5335.0	8536	9.6	170948.2	-5350.4	8626	10.1	171819.8	-5336.8
8357	9.4	165626.2	-5339.8	8447	10.1	170216.2	-5308.7	8537	10.0	170954.0	-5359.2	8627	8.8	171826.2	-5339.8
8358	10.1	165627.7	-5313.8	8448	9.6	170216.2	-5305.2	8538	10.1	170954.2	-5302.4	8628	9.0	171830.2	-5355.8
8359	9.5	165630.2	-5300.8	8449	9.6	170221.2	-5341.9	8539	9.6	171003.2	-5357.7	8629	9.6	171834.7	-5339.7
8360	9.2	165633.2	-5354.2	8450	10.1	170222.2	-5333.9	8540	9.4	171007.5	-5327.6	8630	9.8	171837.7	-5314.9
8361	9.6	165636.2	-5322.8	8451	10.0	170222.7	-5344.0	8541	10.1	171016.0	-5316.1	8631	9.6	171838.2	-5325.6
8362	10.1	165644.7	-5327.5	8452	9.6	170229.3	-5338.2	8542	9.3	171018.5	-5323.0	8632	10.1	171839.7	-5331.0
8363	9.8	165654.7	-5338.0	8453	10.1	170234.2	-5306.6	8543	9.6	171020.0	-5344.4	8633	10.0	171843.2	-5349.8
8364	10.0	165701.7	-5315.2	8454	9.8	170239.7	-5345.9	8544	10.1	171020.5	-5330.0	8634	10.0	171852.2	-5306.4
8365	10.0	165704.3	-5300.0	8455	10.1	170240.7	-5336.0	8545	10.1	171032.0	-5318.7	8635	9.0	171855.7	-5302.4
8366	9.0	165706.2	-5317.2	8456	9.3	170243.2	-5325.0	8546	10.1	171033.5	-5307.5	8636	10.0	171907.7	-5311.0
8367	9.8	165709.7	-5341.2	8457	9.6	170247.7	-5356.0	8547	9.0	171050.0	-5326.2	8637	10.1	171908.2	-5326.6
8368	10.1	165714.7	-5325.0	8458	10.0	170256.7	-5340.0	8548	9.3	171050.5	-5314.2	8638	9.6	171909.2	-5353.8
8369	9.6	165718.1	-5344.1	8459	9.8	170307.2	-5336.1	8549	9.8	171052.0	-5328.4	8639	10.1	171913.5	-5335.9
8370	7.9	165722.2	-5334.8	8460	10.1	170308.7	-5342.0	8550	9.3	171056.0	-5307.4	8640	9.8	171923.2	-5325.7

-53 8641 17h19m

8641 10.0 171928.2 -5314.1	8731 8.0 173122.3 -5324.0	8821 8.2 174212.8 -5328.0	8911 9.8 175431.0 -5311.5
8642 10.1 171929.2 -5304.8	8732 10.1 173128.3 -5336.8	8822 10.1 174232.3 -5335.3	8912 9.0 175431.2 -5357.8
8643 9.3 171933.5 -5356.7	8733 10.0 173133.3 -5357.8	8823 10.0 174243.8 -5343.0	8913 9.4 175436.5 -5358.2
8644 10.1 171937.7 -5345.0	8734 9.5 173135.0 -5357.7	8824 9.6 174244.3 -5311.9	8914 9.6 175439.5 -5341.6
8645 9.5 171940.5 -5303.8	8735 10.1 173138.3 -5336.3	8825 10.1 174245.8 -5303.6	8915 9.8 175447.0 -5349.9
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8730 9.0 173117.3 -5343.8	8820 10.0 174211.3 -5332.7	8910 9.6 175406.5 -5312.9	9000 9.8 180340.3 -5338.9

-53 9000 18h03m

-53 9001 18h03m

-53 9360 18h44m

9001	8.2	180352.8	-5311.6	9091	9.8	181333.4	-5300.1	9181	9.7	182230.5	-5304.6
9002	9.4	180354.8	-5302.8	9092	9.4	181340.4	-5307.1	9182	9.6	182238.5	-5346.8
9003	9.1	180356.3	-5307.1	9093	9.8	181350.4	-5351.0	9183	9.8	182241.5	-5309.2
9004	9.8	180357.8	-5323.8	9094	9.8	181352.4	-5326.4	9184	9.8	182247.2	-5310.3
9005	9.7	180358.3	-5313.9	9095	9.8	181402.4	-5341.2	9185	8.7	182251.5	-5349.9
9006	9.8	180405.3	-5317.1	9096	9.8	181403.9	-5331.2	9186	9.8	182252.5	-5345.2
9007	9.8	180405.3	-5349.1	9097	9.5	181416.4	-5305.0	9187	9.7	182301.0	-5323.0
9008	9.6	180406.8	-5330.1	9098	9.4	181421.4	-5337.5	9188	9.8	182303.5	-5357.9
9009	9.8	180409.8	-5347.2	9099	9.4	181424.4	-5329.8	9189	9.7	182313.0	-5303.3
9010	9.8	180431.8	-5310.1	9100	9.8	181441.9	-5332.1	9190	9.2	182314.8	-5301.6
9011	8.2	180434.3	-5306.4	9101	8.8	181442.4	-5356.1	9191	9.8	182323.5	-5300.9
9012	9.5	180437.8	-5321.4	9102	9.1	181443.9	-5316.0	9192	9.6	182335.0	-5311.8
9013	9.3	180440.8	-5343.3	9103	9.6	181446.4	-5323.9	9193	10.0	182339.2	-5320.5
9014	9.6	180447.1	-5357.8	9104	9.4	181502.4	-5312.3	9194	9.5	182341.2	-5353.1
9015	9.6	180448.3	-5330.3	9105	9.4	181502.4	-5305.9	9195	10.0	182403.8	-5324.9
9016	9.7	180449.3	-5316.1	9106	9.6	181504.9	-5328.7	9196	9.9	182404.2	-5352.4
9017	9.5	180450.8	-5337.1	9107	9.8	181506.4	-5327.8	9197	9.5	182411.6	-5338.4
9018	9.7	180455.8	-5300.5	9108	9.6	181507.9	-5355.9	9198	9.6	182414.7	-5355.4
9019	9.6	180517.3	-5315.2	9109	9.6	181508.4	-5309.1	9199	10.0	182416.2	-5345.6
9020	9.8	180522.8	-5302.0	9110	9.7	181524.9	-5303.5	9200	9.2	182429.7	-5337.0
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9026	9.4	180600.3	-5336.9	9116	9.4	181612.4	-5331.8	9206	9.6	182501.5	-5303.2
9027	9.7	180601.3	-5315.8	9117	9.4	181618.9	-5340.2	9207	9.5	182507.5	-5334.6
9028	9.8	180604.8	-5320.7	9118	9.8	181624.4	-5340.2	9208	9.5	182510.2	-5341.0
9029	9.8	180625.8	-5345.1	9119	9.3	181631.4	-5347.1	9209	9.5	182520.2	-5324.5
9030	9.3	180628.8	-5315.7	9120	9.8	181632.9	-5326.4	9210	10.0	182549.2	-5301.6
9031	9.6	180634.3	-5355.0	9121	9.8	181635.4	-5346.6	9211	8.0	182551.2	-5336.0
9032	9.8	180634.3	-5324.2	9122	9.8	181638.9	-5347.6	9212	10.0	182605.2	-5338.1
9033	9.8	180634.8	-5314.1	9123	8.3	181638.9	-5341.7	9213	8.6	182618.7	-5339.4
9034	9.8	180641.8	-5316.7	9124	9.7	181642.9	-5354.3	9214	10.0	182626.2	-5304.8
9035	9.3	180656.3	-5338.1	9125	9.8	181642.9	-5302.5	9215	9.5	182627.7	-5338.1
9036	9.5	180702.3	-5325.2	9126	9.8	181643.4	-5345.4	9216	8.8	182631.2	-5306.9
9037	9.8	180705.8	-5329.2	9127	9.8	181651.4	-5302.8	9217	10.0	182644.4	-5302.2
9038	9.3	180721.5	-5301.5	9128	9.4	181655.4	-5300.9	9218	10.0	182712.2	-5357.8
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9041	9.8	180735.3	-5351.0	9131	7.9	181707.9	-5341.9	9221	9.9	182725.7	-5312.6
9042	8.2	180742.8	-5331.5	9132	9.7	181712.4	-5312.8	9222	9.9	182726.7	-5319.5
9043	9.8	180801.8	-5320.4	9133	9.8	181721.4	-5304.7	9223	9.4	182729.2	-5353.4
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9053	9.7	180856.3	-5318.9	9143	9.7	181816.9	-5332.5	9233	9.5	182824.2	-5350.0
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-53 9361 18h44m

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9427 10.0 185127.4 -5343.4	9517 9.2 190927.6 -5344.1	9607 10.4 192742.0 -5336.7	9697 9.8 194135.2 -5304.1
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9437 9.9 185218.4 -5340.4	9527 10.2 191129.6 -5337.9	9617 10.0 192916.0 -5330.3	9707 10.4 194230.7 -5323.1
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9450 9.0 185332.4 -5310.1	9540 10.4 191322.6 -5318.3	9630 10.4 193042.0 -5359.4	9720 10.4 194532.0 -5309.7

-53 9720 19h45m

9721	10.4	194603.5	-5312.9	9811	9.6	200049.6	-5356.8	9901	9.3	202348.5	-5341.4
9722	10.4	194614.5	-5311.1	9812	10.2	200051.7	-5343.4	9902	9.4	202348.5	-5304.0
9723	9.2	194622.0	-5307.9	9813	10.4	200053.4	-5359.2	9903	8.4	202413.0	-5355.1
9724	9.6	194629.5	-5327.7	9814	9.7	200057.0	-5356.0	9904	9.4	202418.0	-5304.3
9725	9.8	194630.5	-5326.1	9815	9.6	200108.5	-5318.1	9905	9.7	202421.0	-5343.1
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9727	10.4	194643.3	-5357.2	9817	9.7	200122.1	-5357.7	9907	8.2	202435.0	-5315.6
9728	9.8	194653.0	-5348.3	9818	9.7	200130.0	-5311.6	9908	9.2	202515.5	-5327.3
9729	8.9	194656.7	-5302.3	9819	8.6	200134.5	-5342.1	9909	9.7	202520.0	-5310.7
9730	10.4	194657.5	-5305.1	9820	9.4	200137.0	-5340.1	9910	9.7	202630.5	-5308.2
9731	10.4	194710.5	-5346.0	9821	9.7	200157.0	-5308.8	9911	9.6	202639.0	-5355.6
9732	9.4	194715.0	-5339.2	9822	9.2	200158.5	-5336.9	9912	9.4	202654.5	-5335.2
9733	10.0	194729.5	-5315.7	9823	9.7	200203.5	-5329.7	9913	9.2	202656.5	-5306.8
9734	10.0	194732.0	-5315.6	9824	9.3	200208.0	-5321.8	9914	9.6	202712.0	-5353.7
9735	9.8	194745.5	-5335.1	9825	9.7	200208.5	-5320.0	9915	9.0	202712.5	-5310.6
9736	9.8	194751.0	-5334.9	9826	9.7	200217.0	-5313.0	9916	9.2	202754.5	-5354.1
9737	10.4	194753.0	-5324.5	9827	9.7	200220.0	-5322.1	9917	9.2	202800.5	-5329.6
9738	9.6	194823.0	-5312.9	9828	9.2	200241.0	-5325.0	9918	9.7	202800.5	-5344.4
9739	10.4	194830.0	-5314.9	9829	9.3	200303.5	-5337.3	9919	8.9	202836.0	-5310.2
9740	9.6	194838.0	-5337.2	9830	9.7	200318.5	-5342.8	9920	9.0	202840.5	-5314.1
9741	9.8	194845.0	-5313.6	9831	9.6	200320.0	-5351.5	9921	9.4	202844.5	-5357.0
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9743	10.4	194919.6	-5343.5	9833	9.2	200328.5	-5303.4	9923	9.7	203120.5	-5338.8
9744	10.4	194924.6	-5313.0	9834	8.9	200352.0	-5358.6	9924	9.7	203121.0	-5339.9
9745	9.8	194926.1	-5323.9	9835	9.6	200405.3	-5348.2	9925	9.7	203127.0	-5320.7
9746	10.4	194928.1	-5330.6	9836	9.7	200519.3	-5330.0	9926	9.7	203249.5	-5313.7
9747	10.4	195002.1	-5318.4	9837	9.6	200534.8	-5347.1	9927	9.7	203250.0	-5321.6
9748	9.8	195002.6	-5337.5	9838	9.6	200541.8	-5350.4	9928	9.6	203303.1	-5306.5
9749	10.4	195009.6	-5317.9	9839	9.7	200551.8	-5331.0	9929	10.0	203306.2	-5358.2
9750	9.4	195012.5	-5301.8	9840	9.7	200802.1	-5357.0	9930	10.4	203309.5	-5301.6
9751	9.6	195014.6	-5326.3	9841	9.4	200813.3	-5314.6	9931	10.0	203413.2	-5356.0
9752	8.2	195039.0	-5301.4	9842	9.4	200820.3	-5326.8	9932	9.3	203441.2	-5323.0
9753	10.4	195057.6	-5342.6	9843	8.6	200830.3	-5307.4	9933	10.0	203448.7	-5319.4
9754	10.4	195059.1	-5316.3	9844	9.7	200839.3	-5317.0	9934	9.4	203531.7	-5306.3
9755	8.5	195109.6	-5323.7	9845	9.7	200857.8	-5356.2	9935	10.0	203622.2	-5305.8
9756	10.4	195117.1	-5345.6	9846	9.6	200928.3	-5308.2	9936	10.0	203628.3	-5359.1
9757	9.8	195120.1	-5357.8	9847	9.2	200938.3	-5343.2	9937	10.0	203630.7	-5332.9
9758	8.8	195131.1	-5324.3	9848	9.4	200948.8	-5354.8	9938	9.4	203820.2	-5313.0
9759	9.4	195141.6	-5357.2	9849	9.2	200949.8	-5322.2	9939	9.0	203857.7	-5300.9
9760	9.6	195147.6	-5333.5	9850	9.7	201044.8	-5356.2	9940	10.0	203945.7	-5314.9
9761	10.4	195151.4	-5358.3	9851	9.7	201053.8	-5326.1	9941	10.0	203948.2	-5355.7
9762	10.4	195152.1	-5321.9	9852	9.3	201102.8	-5321.8	9942	8.0	204002.7	-5309.8
9763	8.6	195152.6	-5319.1	9853	9.0	201126.3	-5310.4	9943	10.0	204009.2	-5350.6
9764	8.8	195202.6	-5310.0	9854	9.6	201205.3	-5335.9	9944	10.0	204033.2	-5347.3
9765	10.4	195202.6	-5314.3	9855	9.7	201321.8	-5336.4	9945	9.3	204056.2	-5335.9
9766	10.0	195204.1	-5305.1	9856	9.7	201331.8	-5359.9	9946	9.6	204141.7	-5304.9
9767	8.6	195205.6	-5337.7	9857	9.7	201335.6	-5300.6	9947	10.0	204143.7	-5307.9
9768	9.8	195213.6	-5351.2	9858	9.4	201433.3	-5315.8	9948	10.0	204153.2	-5353.2
9769	9.8	195217.6	-5330.5	9859	8.6	201436.3	-5328.4	9949	8.4	204205.7	-5305.2
9770	10.4	195221.1	-5348.1	9860	9.2	201447.6	-5325.9	9950	9.2	204221.2	-5326.6
9771	10.4	195236.1	-5306.9	9861	9.7	201450.1	-5303.1	9951	9.4	204245.2	-5336.2
9772	10.4	195246.6	-5329.3	9862	9.0	201504.6	-5343.0	9952	9.3	204247.7	-5347.1
9773	8.2	195250.6	-5313.6	9863	9.6	201516.1	-5323.0	9953	10.0	204253.7	-5359.9
9774	10.2	195257.6	-5308.9	9864	9.6	201519.6	-5326.7	9954	9.8	204307.2	-5338.9
9775	10.0	195308.6	-5335.2	9865	9.7	201545.1	-5343.0	9955	10.0	204309.7	-5345.1
9776	10.0	195336.1	-5329.9	9866	8.4	201611.6	-5330.5	9956	9.3	204325.7	-5329.8
9777	10.4	195430.1	-5333.2	9867	9.0	201629.6	-5331.3	9957	7.5	204330.2	-5344.2
9778	10.4	195444.6	-5337.1	9868	9.6	201641.6	-5322.8	9958	10.0	204334.7	-5314.0
9779	9.8	195447.6	-5311.6	9869	9.7	201656.3	-5301.4	9959	10.0	204349.7	-5320.3
9780	9.6	195517.7	-5350.2	9870	9.4	201719.6	-5335.7	9960	10.0	204359.7	-5313.2
9781	10.4	195530.2	-5302.4	9871	9.2	201735.1	-5336.8	9961	9.8	204421.2	-5318.2
9782	8.2	195534.7	-5302.8	9872	9.7	201749.6	-5340.0	9962	9.0	204445.2	-5353.3
9783	9.8	195546.7	-5358.3	9873	8.9	201752.6	-5349.2	9963	9.8	204519.2	-5317.0
9784	8.2	195556.5	-5302.6	9874	9.2	201821.1	-5304.5	9964	9.4	204630.7	-5346.1
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9786	9.8	195619.2	-5343.0	9876	9.7	201845.1	-5320.6	9966	10.0	204719.7	-5353.9
9787	9.6	195624.2	-5322.5	9877	9.7	201916.6	-5324.8	9967	10.0	204759.8	-5302.6
9788	10.4	195657.7	-5318.2	9878	9.7	201919.6	-5323.2	9968	10.0	204814.7	-5309.8
9789	10.4	195659.2	-5301.8	9879	9.2	201948.1	-5342.1	9969	10.0	204821.2	-5332.1
9790	10.4	195702.7	-5348.6	9880	9.7	201949.1	-5302.7	9970	10.0	204825.2	-5314.5
9791	10.2	195719.2	-5303.4	9881	9.4	201949.6	-5305.0	9971	10.0	204904.7	-5304.2
9792	10.4	195722.2	-5333.0	9882	9.7	202022.6	-5347.7	9972	9.4	204909.7	-5329.7
9793	10.0	195731.2	-5351.0	9883	9.7	202033.6	-5304.9	9973	10.0	204919.7	-5330.9
9794	7.0	195748.2	-5314.1	9884	9.7	202048.1	-5321.6	9974	10.0	205048.7	-5326.5
9795	8.8	195801.2	-5338.0	9885	9.7	202051.6	-5328.4	9975	8.6	205049.7	-5355.4
9796	8.4	195806.7	-5327.8	9886	9.6	202101.1	-5311.8	9976	10.0	205152.7	-5335.4
9797	8.6	195807.7	-5350.0	9887	9.6	202101.6	-5354.7	9977	9.8	205329.2	-5307.9
9798	10.0	195818.2	-5335.2	9888	9.2	202114.1	-5358.8	9978	8.0	205405.2	-5315.3
9799	8.4	195836.2	-5354.5	9889	8.6	202126.6	-5313.3	9979	8.0	205429.7	-5322.7
9800	10.2	195840.7	-5346.0	9890	9.0	202127.6	-5317.4	9980	10.0	205523.7	-5318.3
9801	10.4	195859.4	-5357.8	9891	9.4	202206.1	-5308.2	9981	10.0	205548.7	-5316.1
9802	8.9	195903.7	-5352.5	9892	9.4	202211.6	-5359.6	9982	10.0	205609.2	-5322.3
9803	10.4	195909.7	-5308.9	9893	9.6	202214.1	-5303.4	9983	10.0	205612.7	-5334.6
9804	10.4	195912.7	-5355.0	9894	9.3	202313.1	-5306.6	9984	9.8	205618.2	-5311.2
9805	9.8	195923.3	-5349.8	9895	9.7	202321.1	-5316.5	9985	9.4	205701.7	-5354.7
9806	8.9	195924.2	-5346.1	9896	9.2	202322.6	-5347.9	9986	8.0	205704.7	-5324.5
9807	9.8	195929.4	-5358.5	9897	9.6	202325.2	-5300.6	9987	10.0	205741.7	-5307.3
9808	10.0	195956.9	-5306.2	9898	9.4	202332.6	-5324.7	9988	10.0	205801.2	-5350.0
9809	10.4	200043.2	-5335.2	9899	9.7	202337.5	-5306.9	9989	9.4	205802.2	-5348.8
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9992	10.0	205843.7	-5313.8								
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9998	9.8	210020.6	-5342.8								
9999	9.0	210046.6	-5331.9								
10000	10.0	210134.6	-5353.4								
10001	10.0	210138.1	-5323.3								
10002	10.0	210148.1	-5325.2								
10003	9.4	210151.1	-5337.9								
10004	9.3	210156.6	-5359.1								
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10008	10.0	210320.6	-5311.9								
10009	10.0	210340.6	-5330.4								
10010	9.6	210402.2	-5337.1								
10011	10.0	210430.9	-5344.9								
10012	9.3	210509.3	-5349.6								
10013	9.4	210632.8	-5337.9								
10014	10.0	210642.3	-5338.5								
10015	6.2	210649.3	-5346.7								
10016	8.3	210651.8	-5308.5								
10017	9.8	210651.8	-5351.2								
10018	8.6	210718.8	-5356.3								
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10040	10.2	211135.8	-5324.5								
10041	10.2	211138.8	-5326.7								
10042	7.7	211158.8	-5333.5								
10043	9.3	211200.3	-5344.9								
10044	8.5	211211.1	-5300.1								
10045	7.9	211237.8	-5352.7								
10046	9.8	211306.8	-5331.1								
10047	9.0	211311.3	-5356.8								
10048	8.0	211319.3	-5314.3								
10049	10.2	211326.3	-5320.9								
10050	9.6	211348.8	-5334.0								
10051	10.2	211401.8	-5344.9								
10052	10.2	211424.3	-5333.7								
10053	9.8	211436.8	-5316.7								
10054	10.2	211442.3	-5357.3								
10055	9.4	211449.3	-5339.5								
10056	10.2	211451.3	-5355.0								
10057	10.2	211521.4	-5325.5								
10058	10.2	211532.9	-5304.5								
10059	10.2	211555.4	-5338.3								
10060	9.3	211603.9	-5315.6								
10061	9.4	211614.4	-5339.1								
10062	9.8	211659.4	-5347.1								
10063	10.2	211702.9	-5315.2								
10064	9.0	211716.4	-5340.7								
10065	9.6	211720.9	-5349.9								
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10067	10.2	211731.9	-5328.9								
10068	9.9	211737.4	-5340.5								
10069	10.2	211738.9	-5340.1								
10070	10.0	211739.4	-5347.2								
10071	9.8	211851.4	-5357.5								
10072	10.2	211909.9	-5353.7								
10073	9.2	211935.4	-5321.6								
10074	9.8	212002.4	-5303.4								
10075	9.4	212016.9	-5319.7								
10076	10.2	212019.4	-5331.3								
10077	10.0	212025.9	-5350.1								
10078	9.0	212048.4	-5326.3								
10079	10.0	212054.4	-5318.5								
10080	10.0	212054.9	-5350.3								

-5310081 21h21m

-5310440 23h14m

10081	7.8	212131.4	-5341.5	10171	8.8	214230.7	-5359.5	10261	9.3	220554.0	-5332.8
10082	8.5	212139.4	-5316.7	10172	9.8	214303.2	-5346.7	10262	9.2	220607.5	-5354.9
10083	9.6	212141.4	-5318.8	10173	9.2	214304.7	-5316.3	10263	9.8	220632.0	-5316.2
10084	9.2	212147.9	-5339.1	10174	9.8	214310.7	-5327.5	10264	9.3	220632.0	-5339.5
10085	8.6	212225.4	-5341.5	10175	8.0	214311.3	-5318.7	10265	9.8	220639.0	-5351.3
10086	10.2	212241.4	-5307.5	10176	9.4	214323.8	-5335.2	10266	7.6	220712.2	-5319.1
10087	10.2	212307.9	-5336.0	10177	9.6	214332.8	-5352.7	10267	9.4	220729.7	-5333.7
10088	9.0	212308.9	-5313.1	10178	9.6	214403.8	-5319.4	10268	9.3	220733.0	-5340.8
10089	10.2	212309.9	-5343.5	10179	9.8	214415.3	-5343.0	10269	9.4	220800.5	-5341.7
10090	10.2	212328.9	-5311.2	10180	9.6	214431.3	-5318.0	10270	9.8	220803.5	-5311.5
10091	9.8	212331.4	-5334.7	10181	9.4	214431.8	-5343.1	10271	9.6	220805.2	-5357.1
10092	6.8	212437.4	-5317.2	10182	9.4	214457.3	-5343.0	10272	9.8	220813.0	-5311.8
10093	10.2	212454.4	-5337.3	10183	8.8	214500.3	-5337.5	10273	9.3	220818.2	-5315.9
10094	10.2	212458.9	-5304.2	10184	9.3	214501.8	-5334.7	10274	9.6	220830.2	-5314.9
10095	10.2	212532.4	-5349.4	10185	9.6	214501.8	-5317.1	10275	9.4	220931.6	-5302.2
10096	9.4	212547.9	-5330.8	10186	9.8	214502.3	-5314.7	10276	10.0	221011.4	-5350.4
10097	9.4	212551.9	-5347.3	10187	9.8	214516.2	-5357.9	10277	10.4	221023.9	-5305.5
10098	8.5	212601.4	-5354.1	10188	9.8	214522.3	-5331.1	10278	8.9	221048.4	-5341.8
10099	10.2	212609.4	-5358.2	10189	8.0	214547.3	-5342.7	10279	10.4	221103.4	-5328.5
10100	9.4	212616.9	-5315.7	10190	9.6	214557.8	-5319.9	10280	9.6	221121.9	-5321.7
10101	9.6	212621.4	-5352.4	10191	9.4	214615.8	-5313.1	10281	8.8	221201.9	-5336.3
10102	9.3	212622.9	-5323.0	10192	9.6	214622.3	-5341.0	10282	9.2	221307.9	-5316.2
10103	9.3	212634.9	-5351.1	10193	9.8	214649.3	-5345.1	10283	9.2	221350.4	-5349.1
10104	10.2	212658.4	-5337.1	10194	9.0	214706.3	-5321.4	10284	9.0	221439.4	-5324.6
10105	10.2	212702.4	-5338.7	10195	8.6	214712.3	-5345.5	10285	9.6	221515.4	-5333.5
10106	10.2	212741.9	-5317.9	10196	7.4	214742.5	-5303.2	10286	10.0	221528.9	-5323.0
10107	10.0	212747.4	-5314.4	10197	8.8	214752.3	-5327.4	10287	9.0	221532.4	-5314.9
10108	10.2	212749.4	-5342.1	10198	9.8	214800.8	-5357.1	10288	10.3	221536.4	-5339.0
10109	10.2	212805.4	-5354.7	10199	9.3	214803.3	-5347.3	10289	10.2	221607.9	-5332.8
10110	10.2	212835.4	-5327.2	10200	7.6	214806.3	-5338.3	10290	9.4	221631.9	-5304.7
10111	10.2	212847.4	-5335.7	10201	9.8	214813.8	-5345.1	10291	10.4	221742.4	-5343.8
10112	10.2	212855.4	-5326.8	10202	9.2	214818.3	-5350.6	10292	10.3	221752.4	-5312.4
10113	9.8	212921.4	-5344.4	10203	9.8	214845.8	-5303.5	10293	9.4	221807.9	-5336.7
10114	9.3	212935.4	-5326.2	10204	9.8	214910.3	-5327.3	10294	10.4	221822.4	-5330.5
10115	10.2	212957.9	-5327.2	10205	9.6	214944.3	-5334.1	10295	9.4	221831.4	-5309.5
10116	9.8	213000.9	-5307.3	10206	9.8	214945.8	-5301.7	10296	9.4	221841.4	-5318.9
10117	9.8	213004.4	-5320.7	10207	9.2	214947.3	-5351.2	10297	8.6	221905.9	-5336.0
10118	9.6	213046.4	-5349.6	10208	9.2	214956.8	-5355.1	10298	10.4	222012.4	-5322.3
10119	10.2	213054.9	-5337.6	10209	8.8	215009.3	-5337.0	10299	9.2	222022.4	-5322.6
10120	9.8	213055.4	-5359.2	10210	9.8	215022.8	-5320.8	10300	10.4	222022.9	-5321.4
10121	10.2	213114.9	-5355.3	10211	9.8	215046.2	-5324.0	10301	10.4	222041.4	-5316.4
10122	10.2	213140.4	-5350.4	10212	9.6	215051.2	-5339.9	10302	10.3	222102.4	-5351.0
10123	10.2	213142.5	-5340.9	10213	9.8	215057.7	-5331.4	10303	10.2	222205.4	-5351.3
10124	10.2	213146.4	-5344.5	10214	9.3	215121.7	-5303.4	10304	10.3	222235.9	-5351.3
10125	9.0	213152.9	-5306.9	10215	8.8	215132.7	-5348.2	10305	9.8	222357.4	-5339.0
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10127	10.2	213337.9	-5321.2	10217	9.8	215211.7	-5308.9	10307	10.4	222516.4	-5354.9
10128	9.4	213341.4	-5341.6	10218	9.8	215220.7	-5333.0	10308	10.4	222526.9	-5349.1
10129	9.6	213348.4	-5333.6	10219	9.5	215256.2	-5326.1	10309	10.4	222611.4	-5325.4
10130	10.2	213411.4	-5305.4	10220	9.5	215304.2	-5301.1	10310	9.8	222659.4	-5327.4
10131	10.2	213421.4	-5326.9	10221	9.5	215313.2	-5303.1	10311	9.4	222737.9	-5340.7
10132	10.2	213441.4	-5338.1	10222	8.8	215313.7	-5332.2	10312	10.4	222807.4	-5315.4
10133	10.2	213457.4	-5307.0	10223	9.2	215315.7	-5309.9	10313	9.6	222836.4	-5309.5
10134	9.8	213514.8	-5342.8	10224	7.3	215316.7	-5340.7	10314	10.4	222840.4	-5323.8
10135	9.6	213519.3	-5301.8	10225	9.2	215354.7	-5343.9	10315	9.8	222842.9	-5313.5
10136	9.5	213537.3	-5309.8	10226	9.8	215415.7	-5315.7	10316	8.6	222850.4	-5346.4
10137	9.8	213548.5	-5320.8	10227	9.8	215423.2	-5359.5	10317	10.2	222859.4	-5357.2
10138	9.8	213556.0	-5334.9	10228	9.2	215427.7	-5321.1	10318	10.2	222911.4	-5303.7
10139	9.2	213630.6	-5302.5	10229	9.3	215448.7	-5331.6	10319	10.4	222935.4	-5304.1
10140	9.3	213633.2	-5334.3	10230	9.2	215449.2	-5340.9	10320	9.4	222959.9	-5331.2
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10446	9.8	231621.2	-5308.8	10536	10.6	234428.9	-5357.0	35	10.0	00529.7	-5417.7
10447	9.1	231637.7	-5313.5	10537	11.0	234446.2	-5328.2	36	8.6	00535.7	-5454.3
10448	8.2	231707.7	-5300.4	10538	10.6	234506.4	-5341.7	37	10.2	00549.2	-5441.7
10449	9.1	231709.7	-5330.6	10539	11.0	234531.9	-5335.0	38	11.0	00552.9	-5445.4
10450	9.8	231711.7	-5322.8	10540	8.1	234537.9	-5301.8	39	11.0	00600.7	-5457.2
10451	8.5	231713.7	-5305.2	10541	10.2	234552.2	-5331.0	40	11.0	00621.9	-5429.9
10452	9.1	231736.2	-5331.6	10542	11.0	234619.2	-5330.1	41	11.0	00636.2	-5418.9
10453	7.3	231741.2	-5322.9	10543	9.6	234649.2	-5323.7	42	10.4	00712.7	-5428.0
10454	10.2	231748.2	-5317.5	10544	9.4	234742.7	-5344.3	43	11.0	00721.7	-5411.5
10455	10.2	231801.7	-5354.2	10545	10.6	234829.7	-5325.2	44	9.6	00829.7	-5458.3
10456	10.2	231833.7	-5345.8	10546	11.0	234839.7	-5334.1	45	11.0	00830.7	-5427.7
10457	9.4	231850.2	-5324.1	10547	11.0	234841.7	-5305.6	46	9.4	00853.2	-5409.1
10458	9.4	231857.2	-5350.8	10548	11.0	234914.7	-5328.7	47	10.6	00904.7	-5423.8
10459	9.4	231907.7	-5358.1	10549	11.0	234926.2	-5302.1	48	11.0	00932.2	-5413.2
10460	9.8	231913.7	-5333.5	10550	7.4	234936.2	-5328.9	49	11.0	01014.2	-5411.0
10461	5.9	231936.2	-5324.6	10551	11.0	234946.2	-5340.0	50	9.8	01029.7	-5415.0
10462	9.6	231948.7	-5321.3	10552	8.6	234957.7	-5315.9	51	11.0	01037.2	-5430.0
10463	9.0	232021.2	-5321.8	10553	11.0	235003.7	-5325.2	52	10.4	01045.2	-5431.0
10464	10.2	232029.7	-5346.7	10554	11.0	235005.0	-5339.2	53	11.0	01111.7	-5401.2
10465	10.2	232212.2	-5302.9	10555	11.0	235040.0	-5357.1	54	11.0	01130.7	-5432.9
10466	9.4	232220.7	-5333.1	10556	10.6	235051.5	-5348.3	55	10.4	01134.2	-5406.4
10467	7.0	232228.2	-5321.9	10557	10.0	235120.5	-5343.7	56	10.0	01141.7	-5421.4
10468	9.0	232234.7	-5321.1	10558	11.0	235125.0	-5310.5	57	11.0	01157.2	-5447.2
10469	10.0	232321.2	-5314.3	10559	11.0	235134.0	-5334.0	58	11.0	01218.0	-5407.4
10470	10.0	232400.2	-5346.2	10560	11.0	235152.5	-5308.6	59	11.0	01220.2	-5407.0
10471	10.2	232425.2	-5302.8	10561	6.2	235226.0	-5326.7	60	9.4	01246.7	-5424.8
10472	10.2	232432.2	-5332.0	10562	9.4	235233.0	-5312.3	61	11.0	01252.7	-5407.4
10473	10.2	232451.2	-5316.0	10563	11.0	235247.5	-5352.7	62	8.4	01314.7	-5432.2
10474	10.2	232507.9	-5359.8	10564	7.6	235304.0	-5332.3	63	8.2	01322.2	-5442.2
10475	9.4	232535.7	-5306.7	10565	6.8	235406.5	-5347.7	64	11.0	01337.2	-5420.8
10476	9.6	232536.2	-5337.2	10566	8.8	235408.5	-5319.9	65	11.0	01345.2	-5439.8
10477	9.0	232544.0	-5316.1	10567	11.0	235409.5	-5357.2	66	9.6	01346.2	-5417.6
10478	10.0	232552.0	-5318.8	10568	10.4	235431.0	-5306.2	67	10.6	01355.9	-5458.8
10479	10.2	232559.0	-5345.6	10569	9.4	235440.5	-5310.8	68	9.4	01412.2	-5425.8
10480	10.0	232605.0	-5343.9	10570	9.0	235447.5	-5329.6	69	11.0	01436.6	-5408.9
10481	10.2	232620.5	-5335.8	10571	10.4	235453.0	-5349.0	70	11.0	01437.7	-5429.7
10482	9.4	232621.5	-5317.4	10572	11.0	235456.0	-5309.3	71	10.4	01507.7	-5421.5
10483	9.2	232641.0	-5325.8	10573	11.0	235531.0	-5331.9	72	11.0	01510.7	-5416.5
10484	10.2	232655.5	-5336.0	10574	9.4	235539.0	-5334.1	73	8.2	01530.0	-5457.6
10485	10.2	232703.5	-5330.8	10575	11.0	235549.0	-5344.1	74	10.2	01540.7	-5406.1
10486	9.8	232709.0	-5340.6	10576	10.4	235606.5	-5355.6	75	11.0	01543.7	-5401.3
10487	9.2	232736.0	-5301.3	10577	10.4	235608.5	-5352.7	76	9.4	01551.4	-5402.4
10488	10.0	232749.0	-5321.8	10578	11.0	235710.0	-5321.8	77	11.0	01555.2	-5412.4
10489	9.6	232800.5	-5317.9	10579	10.4	235723.0	-5301.4	78	9.4	01600.3	-5425.3
10490	9.2	232806.5	-5325.9	10580	11.0	235740.0	-5330.4	79	9.2	01650.0	-5440.4
10491	9.4	232822.5	-5324.7	10581	11.0	235745.0	-5334.4	80	9.7	01654.2	-5459.6
10492	9.0	232854.5	-5355.0	10582	11.0	235802.5	-5309.1	81	10.2	01710.6	-5459.9
10493	10.2	232915.0	-5337.7	10583	9.6	235806.5	-5315.9	82	9.2	01713.5	-5451.5
10494	10.2	232938.0	-5308.1	10584	11.0	235811.5	-5304.3	83	7.5	01724.0	-5432.0
10495	9.2	232943.5	-5305.9	10585	11.0	235824.0	-5346.6	84	10.0	01729.0	-5443.1
10496	10.2	232956.0	-5348.9	10586	9.4	235835.0	-5329.1	85	7.6	01730.0	-5444.9
10497	9.8	233000.0	-5343.3	10587	10.2	235843.0	-5348.0	86	9.4	01750.0	-5439.3
10498	10.2	233106.0	-5340.4	10588	11.0	235914.5	-5309.8	87	9.7	01817.5	-5410.8
10499	10.2	233108.0	-5337.4	10589	11.0	235919.0	-5319.5	88	9.6	01830.0	-5416.1
10500	10.2	233124.5	-5337.6	10590	8.8	235928.0	-5330.9	89	9.9	01835.5	-5440.9
10501	10.2	233129.5	-5353.6	10591	11.0	235950.8	-5307.1	90	9.6	01838.1	-5400.7
10502	9.2	233131.0	-5310.6	1	10.6	00002.7	-5441.8	91	7.2	01839.0	-5440.6
10503	9.2	233131.5	-5338.4	2	11.0	00003.7	-5428.0	92	9.6	01849.5	-5404.9
10504	9.0	233242.0	-5323.5	3	11.0	00009.4	-5458.9	93	9.7	01851.5	-5434.2
10505	9.8	233245.5	-5353.0	4	10.4	00031.7	-5432.9	94	10.0	01909.0	-5418.9
10506	9.8	233324.0	-5343.9	5	10.4	00038.7	-5408.0	95	9.8	01933.0	-5443.8
10507	9.4	233411.0	-5335.9	6	11.0	00044.7	-5443.2	96	9.8	01940.0	-5452.1
10508	10.2	233454.0	-5356.2	7	11.0	00053.7	-5438.8	97	10.2	02008.0	-5457.4
10509	8.6	233521.5	-5344.8	8	10.0	00102.7	-5412.9	98	10.2	02015.0	-5410.0
10510	10.0	233521.5	-5353.3	9	11.0	00104.2	-5433.5	99	10.0	02045.5	-5444.7
10511	9.8	233522.1	-5319.2	10	11.0	00110.7	-5437.1	100	8.6	02102.0	-5446.9
10512	9.8	233554.1	-5329.0	11	8.8	00154.7	-5450.9	101	9.7	02110.0	-5429.8
10513	9.0	233608.6	-5344.9	12	10.4	00159.2	-5452.1	102	9.8	02113.5	-5433.7
10514	10.0	233713.1	-5300.7	13	11.0	00200.7	-5423.9	103	9.2	02158.0	-5435.0
10515	10.2	233755.6	-5348.9	14	9.0	00207.7	-5408.3	104	10.2	02211.5	-5434.0
10516	9.2	233818.6	-5300.6	15	10.2	00214.7	-5450.1	105	9.4	02239.0	-5405.7
10517	10.0	233840.1	-5341.9	16	9.6	00220.2	-5403.7	106	9.0	02251.0	-5427.1
10518	9.2	233851.6	-5317.5	17	11.0	00231.7	-5410.3	107	8.8	02301.0	-5458.7
10519	10.2	233905.6	-5302.5	18	10.4	00236.2	-5405.9	108	9.6	02305.5	-5446.9
10520	10.2	233906.1	-5303.5	19	7.2	00242.7	-5441.8	109	9.4	02308.0	-5411.0
10521	10.2	233921.8	-5359.2	20	9.8	00246.2	-5438.8	110	10.2	02322.5	-5432.2
10522	9.2	233940.6	-5358.3	21	10.6	00255.2	-5433.3	111	9.2	02340.0	-5413.6
10523	9.8	234010.6	-5356.6	22	9.6	00257.7	-5425.9	112	9.4	02340.0	-5419.4
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10529	10.2	234301.6	-5353.7	28	9.6	00340.7	-5439.3	118	10.2	02522.5	-5451.9
10530	10.2	234325.6	-5343.5	29	11.0	00344.9	-5416.4	119	9.2	02525.5	-5448.8
								120	8.8	02549.0	-5410.3
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								122	9.4	02604.5	-5425.6
								123	10.0	02606.0	-5426.0
								124	10.2	02613.0	-5424.1
								125	10.0	02619.5	-5431.9
								126	9.9	02705.5	-5455.9
								127	9.0	02715.5	-5450.8
								128	9.9	02720.5	-5459.2
								129	9.4	02721.0	-5423.4
								130	9.9	02726.5	-5420.3
								131	10.2	02728.5	-5441.2
								132	8.8	02835.5	-5443.0
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								134	9.6	02845.0	-5432.0
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								136	7.8	02920.5	-5414.3
								137	9.2	02924.5	-5418.6
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								141	10.0	03038.0	-5400.6
								142	10.0	03120.5	-5429.2
								143	9.0	03126.0	-5448.0
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								145	10.2	03149.0	-5432.2
								146	9.7	03200.5	-5453.4
								147	10.2	03235.0	-5435.0
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								149	9.0	03248.5	-5431.8
								150	8.6	03250.0	-5418.2
								151	9.7	03252.0	-5437.0
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								153	8.8	03423.0	-5404.0
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								155	10.2	03454.5	-5408.4
								156	9.7	03603.1	-5439.0
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								161	9.2	03719.6	-5420.1
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								163	9.6	03839.6	-5411.9
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								165	8.0	03849.1	-5459.9
								166	6.6	03914.6	-5423.8
								167	9.8	03919.6	-5430.1
								168	10.2	03959.1	-5406.0
								169	9.7	04008.1	-5412.1
								170	9.9	04032.6	-5423.6
								171	10.0	04043.6	-5411.6
								172	10.2	04045.6	-5429.3
								173	9.4	04049.6	-5412.6
								174	7.3	04059.6	-5447.2
								175	10.2	04109.6	-5455.3
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								177	10.0	04159.6	-5415.8
								178	10.0	04226.1	-5413.4
								179	9.9	04229.6	-5452.8
								180	8.2	04253.6	-5401.0
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								182	10.2	04324.1	-5450.8
								183	7.2	04334.6	-5427.3
								184	9.2	04343.6	-5421.0
								185	10.2	04357.6	-5409.9
								186	7.8	04358.6	-5450.8
								187	10.0	04401.6	-5408.9
								188	9.9	04416.6	-5426.8
								189	9.4	04454.1	-5412.3
								190	10.2	04510.6	-5418.6
								191	10.0	04510.6	-5455.7
								192	10.2	04513.1	-5453.7
								193	9.8	04520.1	-5449.9
								194	10.0	04539.6	-5443.0
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								196	9.0	04641.6	-5403.0
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								198	10.0	04815.1	-5457.0
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								200	10.2	04845.1	-5425.3
								201	10.2	04848.1	-5406.0
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								203	10.3	04937.6	-5434.2
								204	10.3	04943.1	-5413.0
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								206	10.3	05100.6	-5430.9
								207	8.8	05108.6	-5427.8
								208	8.6	05119.5	-5406.7
								209	9.8	05124.5	-5409.5

210	8.6	05126.5	-5449.0	300	9.7	11314.2	-5426.4	390	10.0	14711.0	-5413.1	480	10.0	24650.2	-5452.9
211	9.0	05158.0	-5409.5	301	10.2	11330.2	-5459.5	391	10.0	14715.0	-5408.4	481	10.3	24705.7	-5427.5
212	10.2	05202.5	-5455.7	302	9.5	11340.2	-5449.4	392	9.4	14721.5	-5446.9	482	10.2	24716.7	-5427.9
213	10.4	05215.4	-5400.3	303	8.2	11357.2	-5430.5	393	8.6	14809.0	-5437.6	483	9.4	24719.7	-5451.7
214	9.2	05219.0	-5435.4	304	10.3	11408.7	-5426.6	394	10.0	14914.5	-5454.7	484	9.4	24725.7	-5446.5
215	9.1	05226.5	-5447.1	305	7.9	11410.2	-5417.7	395	8.8	14927.0	-5426.3	485	7.6	24728.9	-5457.5
216	9.2	05228.0	-5432.7	306	9.2	11413.7	-5425.4	396	8.6	15157.5	-5451.8	486	9.4	24814.7	-5439.7
217	9.4	05230.0	-5435.1	307	10.3	11417.7	-5443.8	397	8.8	15220.5	-5446.3	487	9.4	24956.7	-5430.3
218	8.8	05230.5	-5431.2	308	10.2	11421.7	-5436.6	398	9.9	15222.7	-5417.2	488	8.8	24958.7	-5414.4
219	10.4	05252.0	-5418.1	309	9.3	11450.2	-5400.3	399	10.0	15224.5	-5411.0	489	9.4	25044.7	-5402.9
220	8.6	05307.5	-5423.0	310	10.4	11458.2	-5453.5	400	9.8	15241.5	-5457.8	490	10.0	25148.7	-5447.5
221	10.2	05311.5	-5425.5	311	9.7	11458.7	-5430.9	401	9.2	15405.5	-5408.1	491	8.9	25248.7	-5422.3
222	9.3	05328.0	-5439.2	312	9.2	11536.7	-5405.0	402	9.8	15430.0	-5436.9	492	10.0	25302.2	-5446.5
223	10.4	05346.5	-5445.8	313	10.4	11547.2	-5431.4	403	9.8	15435.2	-5458.8	493	9.6	25445.0	-5458.4
224	9.2	05348.5	-5423.2	314	9.3	11658.4	-5454.2	404	9.1	15440.0	-5426.8	494	7.6	25513.3	-5411.4
225	9.8	05400.5	-5427.4	315	9.4	11721.9	-5435.1	405	9.9	15501.0	-5457.9	495	9.8	25541.7	-5427.5
226	8.6	05412.0	-5448.9	316	7.6	11801.9	-5450.3	406	9.0	15514.5	-5420.2	496	8.9	25545.7	-5445.1
227	10.0	05452.0	-5454.7	317	9.4	11805.9	-5455.8	407	10.0	15622.5	-5431.2	497	7.1	25552.7	-5424.4
228	10.4	05518.5	-5417.0	318	9.2	11809.9	-5438.6	408	9.6	15640.0	-5442.7	498	11.0	25620.9	-5456.2
229	9.4	05530.5	-5456.9	319	8.0	11828.9	-5437.2	409	8.3	15640.0	-5436.9	499	11.0	25621.8	-5429.1
230	10.3	05542.5	-5433.8	320	9.7	11841.4	-5431.9	410	9.1	15900.0	-5417.3	500	10.2	25631.9	-5433.3
231	10.2	05552.7	-5402.8	321	9.7	11859.9	-5430.4	411	9.6	15910.0	-5447.7	501	10.2	25708.9	-5446.1
232	10.2	05554.5	-5430.7	322	8.5	11900.9	-5445.4	412	9.5	15925.0	-5437.4	502	11.0	25749.9	-5430.5
233	8.6	05600.0	-5414.9	323	10.3	11903.4	-5408.8	413	7.6	15953.2	-5457.3	503	10.8	25824.9	-5404.8
234	10.0	05626.0	-5431.0	324	8.6	11938.9	-5436.6	414	9.4	15959.0	-5459.2	504	9.6	25854.4	-5448.8
235	9.3	05706.0	-5440.5	325	8.5	12024.9	-5411.8	415	9.0	20003.0	-5415.1	505	10.8	25914.4	-5405.1
236	10.4	05707.0	-5435.0	326	10.4	12120.9	-5430.4	416	9.0	20105.5	-5451.2	506	11.0	25915.9	-5425.3
237	9.1	05714.5	-5420.7	327	10.2	12123.9	-5410.3	417	8.8	20110.0	-5443.0	507	9.4	25929.9	-5400.8
238	9.0	05720.5	-5452.1	328	10.0	12202.7	-5432.5	418	9.2	20240.5	-5407.0	508	10.4	25950.4	-5408.5
239	9.3	05722.0	-5425.4	329	9.6	12217.2	-5420.6	419	9.2	20302.0	-5426.8	509	10.2	30058.9	-5403.1
240	10.4	05740.5	-5415.8	330	10.0	12224.7	-5415.3	420	10.0	20330.0	-5430.8	510	10.2	30104.4	-5441.7
241	10.3	05800.0	-5448.1	331	9.6	12226.2	-5417.6	421	9.6	20345.0	-5412.0	511	10.3	30110.4	-5419.4
242	8.8	05800.5	-5450.0	332	9.8	12329.2	-5424.0	422	8.1	20356.5	-5405.1	512	10.6	30123.4	-5405.6
243	10.4	05830.5	-5408.9	333	8.9	12339.6	-5400.9	423	9.5	20427.5	-5425.5	513	10.8	30124.9	-5412.7
244	10.4	05848.0	-5421.4	334	9.8	12340.2	-5422.3	424	9.0	20439.5	-5444.2	514	10.2	30131.4	-5442.7
245	9.2	05927.5	-5419.9	335	10.0	12340.7	-5434.3	425	8.3	20505.0	-5402.9	515	10.3	30222.6	-5456.9
246	10.0	05929.0	-5419.2	336	10.0	12342.2	-5435.1	426	10.0	20519.5	-5441.9	516	11.0	30319.9	-5439.8
247	10.4	05955.0	-5459.0	337	10.0	12351.2	-5410.3	427	10.0	20520.0	-5425.6	517	10.0	30339.9	-5451.4
248	9.7	10001.8	-5401.3	338	10.0	12424.2	-5437.4	428	9.2	20711.3	-5434.9	518	8.9	30505.9	-5423.5
249	9.7	10005.5	-5413.3	339	8.6	12454.2	-5448.1	429	7.7	20728.8	-5438.2	519	8.9	30624.4	-5415.9
250	10.4	10025.5	-5407.9	340	9.8	12513.2	-5430.9	430	9.6	20815.8	-5425.0	520	10.6	30632.9	-5428.0
251	9.8	10055.0	-5443.3	341	10.0	12547.2	-5435.5	431	10.0	20824.5	-5400.2	521	11.0	30639.9	-5453.6
252	8.8	10134.5	-5401.3	342	7.8	12636.2	-5400.9	432	8.3	20824.8	-5419.8	522	10.4	30730.4	-5451.2
253	10.2	10200.5	-5442.8	343	10.0	12740.2	-5419.9	433	8.8	20836.8	-5450.0	523	11.0	30733.9	-5421.7
254	9.7	10207.0	-5444.0	344	10.0	12830.2	-5426.0	434	10.0	20945.3	-5452.6	524	10.3	30859.9	-5433.2
255	10.0	10209.0	-5438.8	345	10.0	12842.7	-5429.7	435	9.2	20950.8	-5442.6	525	9.4	30914.9	-5459.9
256	10.4	10222.0	-5422.4	346	10.0	12853.7	-5439.6	436	9.4	20954.8	-5447.6	526	10.3	30919.9	-5416.0
257	8.6	10233.5	-5430.8	347	9.1	12857.7	-5420.8	437	9.4	21111.5	-5400.3	527	11.0	30921.4	-5411.6
258	9.8	10242.5	-5414.6	348	9.6	12953.7	-5425.9	438	9.9	21157.8	-5436.4	528	10.3	31039.9	-5444.7
259	10.3	10246.0	-5430.3	349	9.1	12953.7	-5436.9	439	8.7	21247.8	-5424.2	529	9.4	31049.9	-5426.1
260	9.4	10308.5	-5444.1	350	10.0	13010.7	-5447.2	440	8.2	21444.8	-5430.8	530	9.4	31058.4	-5457.0
261	9.8	10310.5	-5454.2	351	10.0	13026.2	-5414.1	441	9.6	21611.8	-5405.0	531	10.8	31150.1	-5402.5
262	9.8	10311.5	-5414.5	352	10.0	13040.2	-5400.5	442	9.2	21646.3	-5426.3	532	10.8	31234.9	-5439.2
263	8.2	10316.3	-5401.1	353	10.0	13054.7	-5422.9	443	10.0	21650.8	-5409.0	533	10.2	31247.4	-5443.0
264	9.7	10321.5	-5429.8	354	10.0	13216.7	-5438.3	444	9.4	21744.1	-5444.5	534	10.3	31257.9	-5404.6
265	8.5	10330.5	-5436.4	355	9.8	13231.7	-5438.6	445	9.8	21816.1	-5420.2	535	9.6	31320.9	-5433.0
266	10.2	10340.5	-5406.9	356	10.0	13309.7	-5431.9	446	9.6	21839.1	-5443.3	536	10.3	31321.9	-5421.5
267	9.7	10341.0	-5426.3	357	9.8	13330.2	-5455.8	447	8.8	21849.1	-5406.8	537	11.0	31414.9	-5454.2
268	10.0	10452.5	-5442.8	358	6.9	13358.2	-5404.3	448	8.6	21944.1	-5411.8	538	10.0	31425.9	-5429.7
269	9.4	10500.5	-5405.1	359	9.4	13404.7	-5442.3	449	8.0	21956.1	-5455.7	539	11.0	31429.9	-5448.2
270	10.2	10516.0	-5456.8	360	9.6	13420.2	-5459.2	450	8.2	22006.1	-5437.5	540	9.8	31448.9	-5419.9
271	8.6	10550.5	-5422.9	361	8.5	13448.2	-5413.5	451	8.2	22051.1	-5447.9	541	11.0	31542.9	-5457.1
272	9.8	10550.5	-5451.8	362	10.0	13638.7	-5403.7	452	10.0	22054.8	-5433.2	542	11.0	31544.9	-5438.2
273	10.3	10554.5	-5429.7	363	10.0	13700.2	-5429.1	453	9.8	22122.1	-5432.0	543	11.0	31717.9	-5450.2
274	9.2	10607.0	-5429.4	364	9.4	13712.7	-5435.1	454	10.3	22455.2	-5423.4	544	9.2	31741.9	-5450.3
275	10.4	10629.0	-5414.7	365	6.5	13740.2	-5422.1	455	9.4	22712.4	-5447.7	545	8.7	31813.8	-5428.1
276	10.4	10642.0	-5435.3	366	9.6	13742.5	-5431.0	456	10.0	22753.9	-5452.0	546	10.0	31814.3	-5412.3
277	8.6	10655.0	-5445.5	367	9.4	13745.5	-5446.5	457	10.3	22900.5	-5417.9	547	9.0	31924.8	-5453.8
278	9.1	10713.5	-5442.1	368	10.0	13807.0	-5429.4	458	9.8	22949.4	-5414.6	548	8.9	31939.3	-5427.6
279	10.0	10815.7	-5438.9	369	8.8	13816.0	-5451.9	459	10.0	23230.4	-5413.7	549	9.8	31943.8	-5425.8
280	9.3	10828.2	-5439.5	370	10.0	13835.5	-5412.0	460	10.0	23232.4	-5412.9	550	9.0	32000.3	-5436.5
281	8.8	10848.7	-5422.3	371	10.0	13855.0	-5412.5	461	10.2	23254.9	-5452.0	551	10.2	32009.8	-5433.2
282	9.8	10852.2	-5429.6	372	9.2	13912.0	-5425.5	462	10.0	23346.4	-5421.1	552	9.8	32029.8	-5454.4
283	10.4	10918.2	-5431.2	373	10.0	13957.5	-5418.2	463	10.3	23450.4	-5458.8	553	10.0	32109.8	-5430.6
284	10.4	10920.2	-5436.8	374	8.8	14025.0	-5438.0	464	8.8	23543.5	-5457.2	554	10.6	32126.3	-5426.1
285	9.3	10926.2	-5440.1	375	10.0	14027.5	-5413.0	465	9.8	23618.6	-5423.3	555	10.8	32136.3	-5425.5
286	9.5	10930.2	-5403.8	376	10.0	14050.0	-5435.2	466	10.0	23645.1	-5435.9	556	9.2	32141.8	-5412.2
287	8.6	10959.7	-5445.5	377	5.2	14120.0	-5409.0	467	9.6	23902.1	-5427.1	557	10.0	32155.8	-5433.9
288	10.4	11020.7	-5435.4	378	8.8	14242.5	-5430.3	468	9.2	23919.6	-5438.5	558	9.4	32414.8	-5415.1
289	9.4	11029.7	-5416.6	379	9.4	14412.5	-5407.9	469	9.8	23956.1	-5424.2	559	10.8	32449.8	-5431.6
290	7.8	11031.7	-5422.6	380	10.0	14453.5	-5458.9	470	10.0	24001.1	-5418.0	560	10.4	32701.1	-5408.0
291	10.4	11039.7	-5406.9	381	10.0	14521.5	-5400.5	471	9.6	24022.6	-5449.8	561	11.0	32818.3	-5427.4
292	9.3	11056.7	-5424.4	382	10.0	14530.0	-5420.9	472	9.4	24109.6	-5431.4	562	10.2	32830.1	-5421.4
293	9.3	11112.7	-5448.7	383	8.8	14556.0	-5437.9	473	9.2	24300.1	-5402.4	563	9.8	32840.4	-5401.3
294	10.5	11130.2	-5414.5	384	10.0	14616.0	-5448.1	474	10.2	24320.1	-5438.0	564	9.0	33022.9	-5445.0
295	9.1	11150.2	-5440.4	385	8.0	14622.0	-5454.0	475	9.6	24349.6	-5429.2	565	9.8	33044.4	-5447.0
296	10.4	11218.7	-5414.2	386	9.4	14627.5	-5427.2	476	9.2	24437.6	-5455.0	566	10.0	33046.9	-5402.0
297	10.4	11238.7	-5446.1	387	10.0	14648.0	-5414.7	477	10.0	24529.6	-5436.2	567	7.8	33054.4	-5455.8
298	9.0	11247.2	-5423.4	388	10.0	14658.0	-5453.4	478	9.6	24614.7	-5414.5	568	8.4	33126.9	-5409.4
299	8.8	11249.7	-5453.1	389	10.0	14700.0	-5426.1	479	9.4	24640.7	-5411.4	569	6.6	33126.9	-5444.4

-54 570 3h31m

-54 929 5h56m

570	9.4	33141.5	-5420.1	660	9.9	42131.0	-5415.5	750	9.6	45709.8	-5425.6	840	9.7	52533.0	-5435.5
571	9.8	33239.5	-5424.2	661	9.4	42145.2	-5454.2	751	9.6	45829.8	-5449.8	841	9.6	52722.0	-5435.0
572	9.6	33330.5	-5416.7	662	9.6	42207.7	-5454.0	752	8.0	45836.3	-5411.2	842	9.6	52746.0	-5446.8
573	9.8	33450.0	-5418.9	663	9.6	42229.7	-5445.4	753	9.4	45904.3	-5420.3	843	9.2	52746.5	-5402.8
574	10.2	33505.5	-5446.0	664	9.9	42252.2	-5416.3	754	9.3	45919.8	-5406.6	844	9.6	52754.5	-5411.6
575	9.6	33612.0	-5414.3	665	8.6	42331.2	-5431.8	755	9.7	45944.8	-5410.2	845	9.6	52804.0	-5435.6
576	7.6	33722.0	-5408.4	666	9.4	42401.2	-5418.0	756	9.6	45948.3	-5416.8	846	8.8	52824.5	-5459.6
577	9.6	33730.5	-5444.4	667	9.9	42417.7	-5445.4	757	9.4	50004.8	-5454.8	847	9.4	52901.5	-5411.5
578	9.2	33741.0	-5426.2	668	9.8	42423.2	-5437.0	758	9.4	50005.8	-5446.8	848	10.0	52902.0	-5429.7
579	9.7	33753.0	-5428.0	669	8.3	42530.2	-5418.6	759	9.4	50014.3	-5435.8	849	9.6	52913.5	-5432.9
580	9.4	33900.5	-5405.4	670	9.2	42604.2	-5431.4	760	9.0	50014.3	-5447.8	850	8.6	52959.0	-5435.2
581	10.2	33938.5	-5412.3	671	8.9	42624.7	-5440.8	761	9.1	50020.3	-5416.4	851	9.7	53018.0	-5459.7
582	9.1	33950.5	-5404.7	672	9.9	42625.2	-5424.1	762	9.6	50056.8	-5405.2	852	9.2	53039.5	-5455.3
583	8.6	33954.0	-5452.1	673	9.9	42651.2	-5433.6	763	9.2	50116.3	-5414.3	853	9.3	53114.5	-5458.5
584	9.8	34004.5	-5444.5	674	8.1	42702.7	-5412.0	764	9.7	50118.3	-5435.4	854	7.3	53116.0	-5459.2
585	8.8	34010.5	-5441.1	675	9.4	42706.2	-5449.4	765	9.7	50152.1	-5413.8	855	10.0	53129.5	-5400.5
586	9.0	34039.5	-5427.9	676	9.9	42819.7	-5420.4	766	9.3	50213.1	-5448.5	856	9.6	53213.5	-5424.1
587	9.7	34106.0	-5446.0	677	9.6	42831.2	-5423.2	767	9.3	50219.1	-5438.1	857	8.8	53248.6	-5418.8
588	7.6	34106.5	-5452.5	678	9.9	42956.2	-5407.2	768	7.8	50223.6	-5434.6	858	9.7	53303.1	-5422.8
589	7.1	34122.5	-5440.0	679	8.6	43109.8	-5456.0	769	9.6	50233.6	-5404.4	859	9.6	53309.6	-5443.9
590	10.2	34133.8	-5458.7	680	9.6	43115.5	-5432.4	770	9.1	50244.3	-5443.0	860	9.6	53326.1	-5452.5
591	8.4	34134.0	-5433.6	681	9.3	43214.7	-5441.0	771	9.6	50320.6	-5417.6	861	9.3	53356.1	-5414.0
592	10.2	34148.0	-5437.3	682	9.3	43215.5	-5412.5	772	8.9	50437.3	-5423.1	862	9.4	53358.1	-5412.2
593	10.0	34200.0	-5452.7	683	9.2	43311.3	-5426.9	773	9.8	50450.1	-5400.3	863	9.4	53426.6	-5427.7
594	9.4	34200.5	-5406.7	684	9.2	43340.8	-5433.5	774	10.0	50503.1	-5427.4	864	9.4	53428.6	-5425.1
595	10.2	34436.0	-5428.7	685	8.0	43347.3	-5452.6	775	9.8	50542.6	-5404.9	865	9.6	53510.5	-5430.1
596	9.9	34442.0	-5417.0	686	9.7	43416.8	-5425.3	776	10.0	50559.1	-5416.8	866	9.4	53516.1	-5438.4
597	9.8	34448.0	-5456.5	687	9.2	43430.8	-5414.8	777	10.0	50604.1	-5400.9	867	8.2	53518.6	-5438.2
598	8.5	34450.5	-5408.1	688	8.8	43444.8	-5454.6	778	10.0	50608.1	-5428.8	868	8.6	53522.1	-5453.4
599	6.9	34516.0	-5440.6	689	8.6	43627.3	-5425.1	779	8.8	50610.1	-5415.2	869	10.0	53523.1	-5408.3
600	9.2	34636.0	-5439.5	690	9.7	43653.8	-5407.2	780	9.0	50629.1	-5442.9	870	9.2	53616.6	-5430.8
601	9.4	34657.0	-5423.4	691	9.1	43741.8	-5409.6	781	9.3	50629.6	-5417.2	871	10.0	53626.6	-5455.8
602	9.2	34920.5	-5450.8	692	9.2	43742.8	-5411.8	782	10.0	50638.6	-5456.1	872	9.2	53705.8	-5425.5
603	8.1	34954.0	-5428.4	693	9.2	43751.8	-5405.6	783	8.6	50645.1	-5424.0	873	9.9	53751.0	-5414.2
604	10.2	35024.5	-5452.9	694	8.6	43812.8	-5406.6	784	9.2	50713.1	-5428.4	874	8.6	53832.5	-5448.0
605	8.6	35121.5	-5454.0	695	9.3	43815.8	-5428.7	785	9.3	50718.6	-5459.4	875	9.4	53833.0	-5421.0
606	10.2	35137.5	-5408.0	696	8.8	43823.8	-5455.9	786	8.9	50730.6	-5430.6	876	8.3	53840.5	-5431.4
607	8.4	35149.0	-5448.8	697	9.6	43832.8	-5401.3	787	9.2	50731.1	-5435.6	877	9.4	53851.0	-5409.8
608	10.2	35257.0	-5426.1	698	9.7	43848.8	-5412.4	788	9.3	50731.6	-5426.0	878	9.8	54014.5	-5442.1
609	10.2	35303.5	-5455.8	699	9.7	43856.3	-5413.1	789	10.0	50744.1	-5416.9	879	9.8	54042.0	-5442.1
610	9.9	35402.5	-5405.0	700	9.7	43908.3	-5409.0	790	10.0	50759.1	-5449.6	880	8.2	54053.0	-5452.6
611	7.8	35431.0	-5442.9	701	9.2	43918.8	-5432.9	791	8.8	50829.3	-5402.5	881	9.4	54111.0	-5415.6
612	10.2	35443.0	-5445.7	702	8.6	44022.3	-5457.0	792	9.8	50831.6	-5405.9	882	9.1	54135.0	-5415.6
613	9.8	35606.5	-5435.6	703	7.8	44031.3	-5449.2	793	10.0	50906.6	-5413.8	883	9.8	54141.0	-5443.2
614	7.6	35650.5	-5430.9	704	9.1	44038.3	-5419.9	794	9.6	50931.1	-5401.1	884	9.4	54206.5	-5412.1
615	9.6	35750.0	-5456.8	705	9.1	44045.3	-5409.5	795	9.2	50935.1	-5418.1	885	9.6	54208.5	-5414.6
616	7.8	35750.5	-5440.4	706	9.3	44129.8	-5459.5	796	9.3	50939.6	-5418.3	886	10.4	54247.0	-5449.8
617	7.0	35759.5	-5444.6	707	8.7	44148.8	-5428.0	797	9.4	51022.1	-5453.9	887	9.6	54335.0	-5403.3
618	7.8	35802.5	-5445.3	708	9.7	44154.3	-5411.4	798	10.0	51034.1	-5432.1	888	9.4	54400.0	-5430.1
619	9.4	35808.5	-5426.9	709	9.6	44158.5	-5414.2	799	10.0	51039.1	-5401.0	889	10.2	54425.0	-5412.6
620	9.8	35820.0	-5403.3	710	8.3	44219.0	-5436.4	800	9.7	51047.1	-5403.9	890	8.7	54434.5	-5420.5
621	9.7	35930.7	-5416.9	711	9.6	44224.5	-5438.5	801	9.6	51117.1	-5422.2	891	10.2	54441.0	-5418.6
622	9.0	40129.1	-5436.0	712	9.4	44246.0	-5453.8	802	9.8	51226.6	-5456.6	892	7.4	54442.0	-5424.2
623	9.8	40219.3	-5401.0	713	9.7	44353.0	-5414.2	803	10.0	51243.6	-5425.6	893	8.0	54451.0	-5402.4
624	9.4	40240.8	-5432.0	714	9.7	44507.8	-5459.9	804	9.4	51309.6	-5428.2	894	8.4	54451.0	-5453.1
625	9.6	40313.3	-5419.3	715	9.7	44528.0	-5438.4	805	9.6	51359.1	-5435.6	895	10.2	54501.0	-5413.9
626	9.2	40353.3	-5419.7	716	9.6	44541.0	-5402.0	806	10.0	51420.4	-5458.0	896	9.6	54501.0	-5412.2
627	9.4	40503.8	-5406.2	717	9.4	44607.5	-5441.1	807	9.7	51443.1	-5415.6	897	10.2	54511.0	-5433.7
628	9.7	40510.5	-5428.7	718	7.9	44650.0	-5406.2	808	9.6	51501.1	-5455.3	898	10.4	54546.0	-5429.0
629	8.5	40544.3	-5458.1	719	7.8	44708.5	-5440.1	809	8.0	51509.6	-5436.2	899	10.4	54550.0	-5441.6
630	9.4	40607.3	-5456.0	720	9.7	44721.5	-5421.8	810	9.4	51516.6	-5414.0	900	10.4	54556.0	-5445.1
631	9.4	40641.8	-5416.9	721	9.2	44725.5	-5424.6	811	8.6	51606.1	-5427.4	901	9.4	54602.5	-5421.9
632	9.2	40736.8	-5415.1	722	9.1	44743.5	-5421.8	812	10.0	51624.6	-5439.7	902	9.6	54701.0	-5413.6
633	8.1	40810.3	-5421.7	723	8.7	44828.0	-5442.1	813	10.0	51625.6	-5416.4	903	8.7	54710.0	-5456.9
634	9.2	40836.3	-5433.7	724	9.7	44828.4	-5404.9	814	9.8	51802.1	-5407.8	904	9.6	54754.0	-5425.5
635	9.4	40900.8	-5451.7	725	8.6	44835.5	-5410.9	815	10.0	51807.1	-5422.1	905	8.8	54758.0	-5440.3
636	9.6	40916.8	-5428.8	726	9.7	44844.5	-5406.5	816	8.9	51823.1	-5431.0	906	9.2	54810.5	-5446.2
637	9.6	41001.0	-5438.0	727	8.4	44953.1	-5431.8	817	9.2	51853.6	-5421.2	907	9.6	54825.0	-5416.7
638	8.8	41001.0	-5420.2	728	9.6	45000.6	-5436.6	818	10.0	51854.6	-5432.9	908	10.2	54845.5	-5426.2
639	9.9	41018.5	-5446.7	729	9.4	45003.6	-5414.9	819	9.6	51858.6	-5418.0	909	10.0	54901.0	-5456.3
640	9.9	41225.0	-5417.9	730	9.1	45141.6	-5420.9	820	7.2	51919.6	-5423.5	910	10.4	54954.0	-5409.5
641	9.4	41228.5	-5446.8	731	8.2	45229.1	-5437.7	821	8.6	51922.6	-5437.7	911	10.2	55020.0	-5416.7
642	9.4	41251.0	-5452.6	732	9.7	45312.1	-5418.9	822	9.3	51929.6	-5452.4	912	10.2	55025.5	-5424.6
643	9.9	41310.0	-5433.3	733	9.2	45318.6	-5428.4	823	10.0	51949.6	-5409.5	913	9.8	55051.0	-5444.2
644	8.8	41313.5	-5419.3	734	8.8	45325.6	-5405.2	824	9.4	52017.6	-5403.9	914	9.2	55102.5	-5404.8
645	9.7	41409.5	-5403.8	735	9.7	45330.1	-5419.1	825	9.3	52024.6	-5431.5	915	10.4	55118.5	-5402.8
646	9.0	41525.5	-5422.5	736	8.7	45402.1	-5448.4	826	9.8	52102.1	-5418.0	916	9.8	55141.0	-5426.7
647	9.8	41526.0	-5442.4	737	9.4	45402.4	-5459.8	827	10.0	52120.1	-5416.6	917	9.8	55242.0	-5458.2
648	9.7	41543.7	-5458.0	738	9.7	45418.1	-5437.7	828	9.2	52153.1	-5416.1	918	9.2	55258.5	-5435.6
649	7.5	41554.0	-5426.3	739	8.5	45457.1	-5421.9	829	9.4	52157.1	-5445.3	919	10.4	55307.0	-5415.2
650	9.9	41654.5	-5440.2	740	9.1	45459.1	-5425.3	830	9.6	52207.5	-5409.0	920	8.6	55344.0	-5410.9
651	9.4	41710.8	-5456.6	741	9.7	45501.1	-5427.3	831	10.0	52209.5	-5424.7	921	10.4	55405.0	-5455.1
652	8.6	41719.8	-5459.5	742	8.6	45508.0	-5400.6	832	7.7	52237.5	-5425.6	922	10.2	55421.0	-5405.0
653	9.4	41723.5	-5442.7	743	9.7	45516.3	-5456.8	833	9.7	52255.5	-5433.6	923	10.2	55425.5	-5416.0
654	9.6	41755.0	-5437.3	744	9.7	45545.3	-5419.0	834	8.5	52400.5	-5406.4	924	10.2	55514.5	-5422.4
655	9.0	41821.0	-5443.2	745	9.6	45545.8	-5420.5	835	10.0	52414.5	-5435.7	925	10.4	55546.5	-5403.8
656	9.9	41833.5	-5422.1	746	7.8	45550.8	-5421.4	836	9.0	52456.0	-5427.9	926	10.2	55556.0	-5446.6
657	9.2	41903.5	-5455.3	747	9.0	45623.3	-5452.8	837	8.9	52505.5	-5401.5	927	9.8	55557.0	-5410.0
658	9.0	42045.0	-5408.4	748	9.7	45654.3	-5428.7	838	9.4	52508.5	-5415.6	928	9.6	55601.0	-5449.8
659	9.9	42106.5	-5420.1	749	9.1	45656.8	-5450.9	839	9.4	52531.0	-5426.6	929	9.1	55603.0	-5424.2

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930	10.2	55609.0	-5427.2	1020	9.3	61754.5	-5427.4	1110	9.6	64325.9	-5447.9
931	10.4	55611.0	-5430.0	1021	8.8	61811.3	-5423.0	1111	9.5	64326.6	-5459.9
932	9.8	55618.5	-5426.9	1022	9.8	61821.3	-5415.0	1112	8.6	64328.3	-5453.8
933	9.3	55640.0	-5444.0	1023	9.4	61824.3	-5453.7	1113	9.5	64350.3	-5436.0
934	9.6	55654.0	-5457.8	1024	9.3	61826.3	-5427.5	1114	9.8	64401.3	-5412.3
935	9.0	55655.0	-5452.6	1025	9.6	61828.3	-5455.5	1115	7.1	64409.8	-5433.4
936	8.6	55716.0	-5437.3	1026	8.8	61830.3	-5429.3	1116	9.8	64440.3	-5403.9
937	9.9	55736.0	-5408.9	1027	8.2	61833.8	-5452.3	1117	9.6	64502.8	-5436.0
938	10.4	55751.0	-5411.2	1028	8.0	61850.3	-5417.5	1118	8.0	64506.3	-5436.8
939	8.8	55808.5	-5441.6	1029	9.3	61946.8	-5416.0	1119	9.0	64510.8	-5424.8
940	9.8	55815.6	-5401.5	1030	9.2	61950.8	-5430.5	1120	9.5	64529.8	-5403.2
941	10.2	55829.0	-5455.0	1031	9.6	62017.3	-5454.9	1121	9.6	64600.0	-5458.4
942	7.4	55829.5	-5457.2	1032	9.1	62113.8	-5442.1	1122	10.0	64600.3	-5451.3
943	10.2	55829.5	-5456.2	1033	9.6	62130.8	-5433.4	1123	10.0	64635.1	-5401.9
944	10.4	55853.5	-5421.0	1034	9.6	62214.3	-5433.4	1124	9.6	64643.0	-5459.2
945	9.6	55858.0	-5420.5	1035	9.8	62229.3	-5448.4	1125	9.6	64652.8	-5421.3
946	10.0	55916.0	-5444.4	1036	8.9	62306.3	-5441.3	1126	10.1	64718.8	-5418.4
947	9.3	55926.5	-5405.6	1037	9.8	62356.3	-5448.0	1127	9.5	64740.8	-5446.4
948	10.4	55935.0	-5401.1	1038	8.0	62431.3	-5457.4	1128	9.0	64741.8	-5450.9
949	9.6	55946.5	-5433.6	1039	10.0	62502.3	-5436.2	1129	8.8	64744.8	-5455.9
950	9.0	60005.0	-5421.8	1040	9.4	62513.3	-5455.5	1130	10.0	64745.3	-5404.4
951	8.8	60009.0	-5406.9	1041	9.0	62540.3	-5454.5	1131	10.3	64748.8	-5449.0
952	9.8	60015.0	-5442.2	1042	9.8	62650.3	-5422.9	1132	10.0	64832.3	-5428.4
953	10.0	60125.0	-5441.2	1043	8.8	62658.3	-5419.6	1133	10.2	64851.3	-5403.4
954	8.8	60126.0	-5407.4	1044	8.9	62706.3	-5434.7	1134	8.8	64906.8	-5413.4
955	10.2	60142.0	-5454.3	1045	8.9	62720.3	-5419.0	1135	9.6	64919.8	-5445.9
956	9.3	60142.0	-5427.6	1046	10.0	62725.8	-5444.0	1136	10.3	64922.3	-5426.9
957	10.4	60153.0	-5445.0	1047	9.8	62818.8	-5441.0	1137	10.0	64950.3	-5411.8
958	9.6	60153.0	-5402.4	1048	9.6	62930.9	-5458.0	1138	9.6	65018.3	-5434.0
959	7.8	60153.5	-5422.4	1049	9.8	62940.3	-5407.6	1139	10.0	65020.3	-5416.6
960	10.4	60219.5	-5409.0	1050	8.2	63020.1	-5458.9	1140	9.5	65043.8	-5427.5
961	7.8	60245.0	-5423.8	1051	8.8	63020.8	-5410.3	1141	8.0	65055.3	-5418.5
962	10.0	60249.5	-5437.8	1052	9.2	63026.8	-5452.1	1142	8.4	65100.3	-5443.7
963	9.8	60301.0	-5415.2	1053	9.6	63031.8	-5401.7	1143	10.3	65102.3	-5446.8
964	10.4	60301.0	-5421.4	1054	10.0	63048.3	-5453.9	1144	10.0	65110.8	-5417.4
965	9.4	60311.0	-5422.5	1055	9.8	63055.8	-5433.0	1145	10.1	65112.8	-5416.8
966	8.6	60316.7	-5429.7	1056	8.0	63103.5	-5401.2	1146	9.6	65113.5	-5401.9
967	9.6	60404.2	-5413.0	1057	8.4	63105.8	-5429.7	1147	10.2	65115.8	-5408.0
968	10.4	60411.7	-5437.1	1058	9.8	63137.8	-5412.3	1148	10.1	65116.3	-5413.8
969	10.2	60413.7	-5442.6	1059	9.3	63145.8	-5450.0	1149	9.8	65217.1	-5412.7
970	9.8	60419.7	-5449.3	1060	9.0	63149.8	-5453.5	1150	10.0	65316.1	-5426.0
971	8.6	60444.2	-5439.0	1061	9.4	63209.8	-5449.5	1151	10.0	65349.1	-5431.2
972	10.4	60449.7	-5454.8	1062	9.8	63218.8	-5435.3	1152	9.2	65412.1	-5437.7
973	8.0	60526.7	-5425.1	1063	9.8	63237.8	-5447.2	1153	9.6	65413.6	-5436.3
974	9.8	60559.7	-5433.7	1064	9.6	63339.8	-5455.9	1154	10.0	65414.1	-5442.1
975	10.4	60608.7	-5446.8	1065	8.6	63342.3	-5448.8	1155	9.5	65415.1	-5450.4
976	10.0	60616.5	-5401.4	1066	9.2	63348.8	-5447.9	1156	9.6	65430.1	-5421.2
977	10.2	60630.7	-5459.0	1067	9.8	63401.3	-5420.2	1157	8.6	65432.6	-5452.8
978	9.4	60632.7	-5409.3	1068	9.2	63428.8	-5450.5	1158	8.8	65447.6	-5406.9
979	10.4	60723.7	-5449.6	1069	9.8	63450.8	-5443.3	1159	10.3	65508.6	-5453.0
980	4.4	60752.1	-5456.7	1070	9.4	63452.3	-5452.3	1160	9.5	65604.1	-5407.2
981	10.0	60801.7	-5408.9	1071	9.1	63456.3	-5422.6	1161	8.8	65650.1	-5455.8
982	10.4	60814.2	-5416.9	1072	9.1	63604.8	-5417.1	1162	10.3	65652.1	-5413.7
983	9.6	60829.4	-5419.2	1073	9.4	63641.8	-5403.2	1163	9.5	65652.1	-5412.3
984	9.9	60840.7	-5458.8	1074	9.4	63652.3	-5401.7	1164	9.0	65719.1	-5446.9
985	9.8	60840.7	-5416.3	1075	9.4	63719.8	-5444.5	1165	10.0	65719.6	-5433.2
986	8.2	60900.7	-5406.1	1076	9.6	63750.8	-5415.0	1166	9.8	65730.6	-5404.2
987	10.2	60902.7	-5436.7	1077	9.1	63751.8	-5421.1	1167	9.6	65744.6	-5442.0
988	9.8	60910.5	-5441.1	1078	9.3	63824.3	-5449.2	1168	9.0	65824.1	-5430.3
989	9.8	60916.5	-5456.0	1079	10.0	63843.3	-5440.6	1169	9.0	65847.1	-5456.2
990	9.8	60939.0	-5459.2	1080	10.0	63907.1	-5413.1	1170	9.4	65857.6	-5424.6
991	9.4	60941.5	-5446.8	1081	9.8	63910.1	-5450.2	1171	9.4	65906.6	-5407.8
992	9.4	60941.5	-5401.4	1082	9.6	63924.4	-5421.1	1172	8.8	65950.4	-5458.2
993	9.1	61010.5	-5404.0	1083	10.0	63934.8	-5424.0	1173	9.5	70002.6	-5437.8
994	9.2	61106.5	-5435.1	1084	10.0	63940.3	-5418.9	1174	9.5	70029.1	-5456.6
995	9.4	61110.5	-5452.0	1085	9.6	63955.9	-5449.5	1175	9.6	70048.6	-5454.4
996	9.6	61135.5	-5420.1	1086	10.0	64002.9	-5419.0	1176	9.8	70050.6	-5442.6
997	9.8	61145.0	-5420.2	1087	10.3	64010.4	-5445.8	1177	9.4	70106.6	-5445.2
998	8.8	61153.5	-5410.5	1088	7.2	64024.9	-5459.5	1178	10.0	70122.1	-5409.5
999	9.4	61208.0	-5412.1	1089	10.3	64025.1	-5413.5	1179	10.2	70151.6	-5437.4
1000	8.8	61248.5	-5431.0	1090	10.3	64039.9	-5403.9	1180	9.6	70151.6	-5428.4
1001	9.4	61256.0	-5404.0	1091	10.2	64045.9	-5423.4	1181	9.6	70205.1	-5428.6
1002	9.4	61316.0	-5419.5	1092	8.0	64114.4	-5403.2	1182	10.0	70219.6	-5401.6
1003	9.4	61325.5	-5411.7	1093	8.4	64118.9	-5426.4	1183	9.4	70225.3	-5439.8
1004	10.0	61326.0	-5421.0	1094	9.6	64122.9	-5426.9	1184	10.0	70225.3	-5444.0
1005	9.4	61337.0	-5427.0	1095	10.0	64132.9	-5414.8	1185	9.8	70227.8	-5437.7
1006	8.4	61337.5	-5437.9	1096	7.1	64137.4	-5436.1	1186	10.3	70244.8	-5429.2
1007	8.2	61419.0	-5434.2	1097	6.7	64140.4	-5433.9	1187	10.2	70309.8	-5435.3
1008	9.0	61450.0	-5403.3	1098	10.2	64152.9	-5453.7	1188	10.3	70313.3	-5421.1
1009	9.8	61520.5	-5403.0	1099	10.0	64157.4	-5413.1	1189	10.2	70359.8	-5410.3
1010	9.0	61521.5	-5456.5	1100	9.8	64202.9	-5430.9	1190	8.6	70409.8	-5448.6
1011	8.8	61550.5	-5421.1	1101	10.3	64208.4	-5439.6	1191	10.3	70418.3	-5408.8
1012	10.0	61559.5	-5449.6	1102	9.8	64221.9	-5451.3	1192	9.8	70432.3	-5428.1
1013	9.8	61612.5	-5456.6	1103	9.2	64244.9	-5436.8	1193	8.8	70437.3	-5422.8
1014	9.8	61615.5	-5409.3	1104	10.3	64247.4	-5438.6	1194	10.0	70439.3	-5420.9
1015	9.2	61619.3	-5400.0	1105	8.4	64248.9	-5401.2	1195	10.3	70455.3	-5410.9
1016	9.8	61621.0	-5408.9	1106	9.4	64310.4	-5449.4	1196	9.4	70532.8	-5425.6
1017	8.6	61653.0	-5448.7	1107	9.8	64319.4	-5427.6	1197	10.3	70542.3	-5426.8
1018	9.2	61731.5	-5414.0	1108	10.1	64322.9	-5445.9	1198	8.8	70544.3	-5416.8
1019	9.6	61743.0	-5428.7	1109	9.6	64323.3	-5458.1	1199	10.3	70546.8	-5427.5
1200	10.1	70706.8	-5445.3	1210	9.8	70938.3	-5433.5	1220	10.3	71126.6	-5425.6
1201	8.8	70729.3	-5451.6	1211	10.0	70940.8	-5429.2	1221	8.5	71131.6	-5435.0
1202	8.8	70740.8	-5457.6	1212	10.0	70950.3	-5416.1	1222	10.3	71137.1	-5412.1
1203	10.3	70833.8	-5421.9	1213	8.6	71001.3	-5422.1	1223	10.0	71144.1	-5435.7
1204	9.8	70847.3	-5431.4	1214	9.6	71004.8	-5423.4	1224	10.2	71208.7	-5405.1
1205	10.3	70854.3	-5436.8	1215	9.4	71030.6	-5414.1	1225	8.8	71221.6	-5442.3
1206	9.6	70854.8	-5420.6	1216	9.6	71031.6	-5420.9	1226	9.6	71229.4	-5445.1
1207	9.8	70904.8	-5414.8	1217	8.8	71102.4	-5441.0	1227	9.2	71232.9	-5401.5
1208	8.8	70905.3	-5404.1	1218	10.3	71108.6	-5419.5	1228	8.8	71309.1	-5416.0
1209	10.2	70934.3	-5435.8	1219	9.4	71124.7	-5400.2	1229	9.2	71309.4	-5438.7
1230	9.7	71311.7	-5449.4	1240	9.3	71443.7	-5401.9	1250	8.5	71700.5	-5435.3
1231	7.7	71320.7	-5444.4	1241	9.2	71451.5	-5441.3	1251	9.6	71716.5	-5423.0
1232	9.6	71328.7	-5400.4	1242	8.7	71500.0	-5416.2	1252	9.3	71720.5	-5438.7
1233	9.2	71330.7	-5403.2	1243	9.6	71534.5	-5451.5	1253	9.4	71758.0	-5424.3
1234	7.4	71330.7	-5400.2	1244	8.8	71540.5	-5417.3	1254	9.2	71805.0	-5447.4
1235	9.3	71354.3	-5459.6	1245	9.6	71556.5	-5405.1	1255	8.9	71832.5	-5421.8
1236	9.3	71415.2	-5427.0	1246	8.6	71611.5	-5449.3	1256	9.4	71900.5	-5419.5
1237	9.6	71424.7	-5437.7	1247	9.6	71612.5	-5436.7	1257	9.4	71922.5	-5429.5
1238	9.4	71427.7	-5424.1	1248	9.2	71615.5	-5425.9	1258	9.7	71922.5	-5413.5
1239	9.3	71441.7	-5429.9	1249	9.4	71631.0	-5456.8	1259	8.2	71924.0	-5411.2
1260	8.5	71939.5	-5446.6	1270	9.0	72311.0	-5413.6	1280	9.2	72440.3	-5402.0
1261	8.8	71941.5	-5456.2	1271	9.3	72325.0	-5433.1	1281	9.2	72445.3	-5442.7
1262	9.3	72033.5	-5426.9	1272	9.2	72326.5	-5419.3	1282	9.6	72449.3	-5427.2
1263	9.0	72108.0	-5453.7	1273	9.2	72329.5	-5411.7	1283	9.2	72518.3	-5449.5
1264	9.7	72129.5	-5427.0	1274	8.9	72331.5	-5424.3	1284	9.4	72529.5	-5459.8
1265	9.6	72130.0	-5415.0	1275	9.6	72336.5	-5435.0	1285	9.0	72559.3	-5426.3
1266	8.6	72138.5	-5446.1	1276	9.2	72337.5	-5412.0	1286	9.2	72600.8	-5448.1
1267	8.7	72228.5	-5429.5	1277	7.9	72402.5	-5459.6	1287	8.9	72613.3	-5415.4
1268	8.2	72305.0	-5446.9	1278	9.6	72408.5	-5422.8	1288	9.4	72628.6	-5402.1
1269	9.2	72309.5	-5411.0	1279	9.4	72436.8	-5458.1	1289	9.4	72629.3	-5420.8

-54 1290 7h26m

-54 1649 8h24m

1290	8.2	72652.8	-5438.8	1380	9.8	74355.2	-5437.0	1470	6.4	75820.7	-5410.0	1560	9.4	81221.6	-5454.4
1291	9.2	72706.1	-5457.2	1381	8.5	74401.0	-5448.3	1471	7.8	75821.7	-5410.7	1561	10.2	81235.6	-5401.1
1292	9.7	72723.3	-5426.9	1382	9.8	74419.7	-5434.3	1472	9.6	75821.7	-5438.2	1562	10.2	81239.1	-5428.9
1293	8.5	72740.3	-5413.8	1383	9.4	74436.7	-5423.5	1473	9.4	75830.7	-5412.7	1563	10.2	81240.1	-5405.1
1294	7.4	72740.8	-5408.2	1384	10.2	74440.2	-5432.8	1474	10.2	75852.2	-5407.2	1564	10.2	81247.1	-5409.7
1295	9.3	72833.3	-5431.0	1385	10.2	74440.2	-5414.7	1475	7.4	75859.2	-5418.9	1565	10.0	81257.1	-5403.8
1296	9.7	72845.3	-5406.2	1386	10.0	74441.2	-5430.9	1476	10.2	75907.2	-5456.8	1566	9.8	81307.1	-5408.4
1297	9.4	72848.3	-5437.3	1387	10.2	74458.7	-5440.9	1477	9.2	75910.7	-5437.4	1567	9.5	81319.1	-5444.2
1298	8.7	72853.3	-5414.7	1388	8.4	74509.2	-5406.5	1478	9.6	75927.2	-5436.9	1568	10.2	81326.1	-5408.4
1299	9.3	72907.8	-5454.6	1389	7.4	74520.7	-5424.1	1479	8.9	75927.7	-5405.5	1569	10.2	81331.6	-5414.9
1300	9.0	72920.3	-5444.1	1390	10.0	74525.2	-5449.7	1480	9.4	75928.2	-5441.6	1570	8.9	81334.1	-5425.7
1301	9.0	72950.8	-5433.0	1391	10.2	74549.7	-5411.6	1481	10.2	75929.7	-5428.5	1571	10.2	81354.2	-5418.9
1302	9.2	73006.3	-5421.7	1392	10.2	74550.7	-5406.1	1482	8.9	75930.2	-5441.2	1572	9.0	81359.2	-5422.1
1303	8.4	73008.8	-5453.9	1393	9.6	74615.7	-5420.3	1483	8.9	75930.2	-5449.5	1573	10.2	81400.7	-5454.6
1304	9.0	73013.8	-5441.3	1394	9.5	74623.2	-5445.4	1484	8.9	75940.2	-5454.2	1574	9.0	81408.7	-5444.0
1305	8.0	73015.3	-5453.7	1395	9.5	74632.2	-5402.0	1485	9.6	75945.7	-5412.0	1575	8.6	81410.2	-5431.5
1306	9.4	73015.8	-5403.5	1396	8.3	74633.2	-5426.3	1486	10.2	75950.7	-5415.1	1576	9.4	81410.7	-5425.1
1307	9.3	73023.8	-5422.1	1397	7.8	74633.2	-5429.7	1487	9.2	80010.7	-5457.0	1577	8.5	81415.7	-5406.0
1308	8.4	73041.3	-5429.1	1398	8.3	74636.2	-5435.2	1488	10.2	80015.2	-5430.2	1578	10.0	81417.7	-5426.8
1309	8.9	73044.3	-5426.9	1399	9.2	74642.2	-5422.3	1489	10.2	80029.2	-5418.4	1579	10.0	81532.7	-5413.9
1310	9.6	73047.3	-5412.6	1400	8.8	74645.2	-5424.1	1490	9.4	80051.2	-5439.2	1580	10.1	81533.0	-5455.3
1311	9.0	73055.8	-5434.9	1401	7.5	74647.2	-5445.7	1491	9.0	80059.7	-5420.4	1581	9.2	81558.0	-5408.8
1312	9.4	73058.3	-5441.5	1402	10.2	74654.7	-5436.5	1492	9.8	80100.7	-5425.6	1582	10.2	81604.0	-5406.2
1313	9.3	73150.3	-5408.0	1403	9.2	74656.7	-5429.8	1493	8.6	80101.2	-5426.1	1583	9.8	81606.0	-5450.0
1314	9.3	73150.3	-5405.0	1404	10.0	74719.2	-5443.0	1494	8.2	80110.2	-5407.2	1584	10.1	81613.3	-5435.5
1315	9.0	73203.3	-5400.9	1405	9.5	74720.2	-5444.5	1495	7.8	80122.7	-5438.3	1585	9.7	81619.5	-5415.0
1316	8.2	73214.3	-5448.6	1406	9.5	74730.7	-5453.8	1496	10.0	80125.7	-5410.5	1586	10.1	81633.0	-5429.4
1317	9.7	73220.3	-5418.5	1407	10.2	74739.7	-5437.3	1497	7.6	80150.7	-5438.0	1587	10.1	81635.0	-5427.4
1318	9.7	73231.3	-5417.0	1408	10.2	74746.7	-5438.1	1498	9.5	80155.7	-5431.5	1588	10.1	81647.2	-5412.5
1319	9.0	73242.1	-5400.2	1409	8.6	74747.2	-5456.7	1499	9.4	80207.2	-5437.3	1589	9.7	81657.8	-5443.6
1320	9.4	73245.1	-5438.6	1410	9.2	74804.7	-5403.7	1500	9.8	80211.7	-5457.9	1590	10.1	81705.9	-5409.3
1321	9.6	73300.1	-5416.8	1411	10.2	74811.2	-5456.7	1501	9.5	80215.7	-5401.7	1591	10.1	81712.7	-5400.4
1322	9.7	73302.6	-5416.1	1412	10.2	74811.7	-5450.3	1502	10.2	80219.7	-5421.9	1592	8.5	81715.1	-5428.4
1323	9.2	73308.1	-5451.1	1413	10.2	74812.1	-5439.0	1503	9.8	80234.2	-5457.2	1593	10.1	81715.7	-5433.3
1324	9.0	73321.6	-5420.8	1414	9.4	74816.7	-5442.0	1504	9.2	80249.2	-5447.9	1594	10.0	81722.4	-5427.8
1325	9.0	73325.6	-5452.5	1415	9.8	74848.7	-5455.1	1505	10.2	80300.7	-5403.1	1595	9.4	81740.4	-5448.6
1326	9.6	73332.6	-5420.5	1416	8.8	74850.2	-5429.9	1506	9.6	80308.7	-5414.5	1596	10.0	81800.9	-5411.8
1327	9.0	73357.6	-5459.4	1417	9.2	74900.7	-5423.5	1507	8.6	80326.7	-5426.7	1597	9.7	81801.4	-5415.0
1328	9.0	73401.1	-5418.1	1418	9.4	74911.7	-5442.7	1508	9.5	80329.2	-5435.1	1598	9.0	81805.4	-5438.2
1329	9.2	73401.6	-5414.9	1419	9.4	74920.7	-5403.9	1509	9.6	80333.2	-5455.8	1599	9.6	81810.4	-5437.0
1330	9.2	73417.1	-5417.5	1420	5.9	74930.7	-5402.6	1510	10.0	80334.2	-5456.2	1600	10.0	81812.7	-5408.4
1331	9.2	73424.1	-5440.7	1421	9.0	74940.2	-5412.0	1511	9.8	80339.2	-5446.1	1601	9.8	81815.4	-5444.8
1332	9.4	73424.6	-5448.1	1422	9.2	74942.7	-5400.0	1512	8.4	80410.7	-5434.0	1602	10.1	81815.9	-5419.3
1333	9.3	73442.6	-5427.1	1423	10.2	74949.7	-5448.8	1513	9.8	80431.7	-5411.1	1603	9.8	81816.4	-5417.4
1334	9.3	73515.1	-5454.0	1424	10.2	74953.7	-5436.0	1514	8.6	80434.2	-5457.1	1604	9.6	81816.9	-5424.5
1335	9.7	73524.1	-5411.8	1425	10.0	74955.2	-5417.1	1515	8.2	80435.7	-5442.1	1605	9.7	81821.4	-5406.4
1336	9.7	73533.1	-5444.5	1426	9.6	75003.7	-5409.9	1516	9.4	80437.7	-5403.5	1606	10.1	81822.9	-5445.6
1337	8.0	73544.6	-5421.1	1427	9.4	75007.2	-5445.3	1517	7.8	80438.2	-5427.6	1607	10.1	81851.4	-5416.0
1338	9.2	73600.1	-5456.5	1428	9.4	75007.7	-5405.6	1518	10.2	80500.7	-5440.9	1608	9.8	81856.4	-5410.4
1339	9.6	73609.6	-5408.0	1429	9.8	75021.2	-5417.5	1519	10.0	80504.9	-5457.1	1609	9.8	81859.4	-5431.4
1340	9.4	73614.6	-5436.0	1430	10.2	75041.8	-5457.4	1520	10.2	80509.2	-5426.7	1610	9.1	81900.4	-5437.3
1341	9.0	73618.1	-5445.1	1431	9.8	75045.2	-5438.4	1521	9.2	80522.2	-5413.5	1611	9.0	81913.4	-5449.3
1342	8.8	73621.1	-5447.1	1432	10.2	75110.7	-5446.5	1522	10.2	80529.7	-5415.0	1612	10.1	81918.7	-5422.5
1343	8.0	73628.7	-5400.6	1433	10.0	75116.7	-5432.0	1523	9.2	80531.7	-5433.8	1613	9.1	81926.4	-5415.2
1344	9.2	73636.1	-5449.5	1434	8.8	75149.2	-5430.0	1524	9.4	80539.7	-5457.9	1614	9.0	81934.9	-5449.0
1345	9.0	73724.1	-5403.5	1435	8.2	75205.7	-5418.6	1525	10.2	80554.7	-5404.7	1615	7.8	81936.9	-5404.8
1346	9.7	73754.6	-5412.1	1436	10.2	75214.7	-5401.6	1526	9.4	80605.7	-5400.1	1616	10.1	82003.5	-5457.2
1347	9.2	73758.6	-5428.9	1437	9.8	75220.2	-5444.3	1527	9.5	80610.2	-5400.1	1617	10.1	82009.9	-5436.1
1348	7.2	73801.1	-5424.8	1438	9.6	75225.2	-5444.7	1528	10.0	80624.2	-5458.9	1618	10.1	82016.4	-5420.5
1349	9.2	73823.1	-5438.7	1439	10.0	75239.3	-5433.8	1529	9.6	80637.2	-5426.8	1619	9.4	82021.9	-5451.8
1350	9.2	73842.6	-5403.6	1440	10.2	75246.7	-5429.3	1530	9.2	80642.2	-5435.1	1620	9.8	82030.9	-5426.2
1351	9.2	73850.1	-5441.0	1441	8.4	75310.2	-5443.3	1531	9.5	80654.1	-5406.0	1621	7.6	82032.9	-5454.9
1352	9.4	73855.6	-5425.2	1442	9.8	75310.2	-5421.0	1532	9.4	80657.1	-5450.0	1622	10.1	82046.4	-5437.6
1353	9.2	73857.6	-5429.4	1443	8.0	75313.3	-5401.9	1533	9.8	80701.6	-5459.8	1623	9.4	82046.9	-5403.9
1354	9.6	73858.1	-5439.7	1444	10.2	75318.3	-5402.4	1534	10.2	80719.1	-5402.8	1624	9.8	82057.9	-5412.9
1355	8.0	73903.1	-5407.3	1445	10.2	75324.2	-5432.6	1535	9.8	80733.1	-5428.2	1625	10.0	82121.9	-5458.8
1356	7.2	73924.1	-5453.1	1446	9.6	75353.7	-5431.1	1536	10.0	80742.5	-5401.4	1626	9.6	82131.4	-5402.2
1357	9.7	73943.1	-5454.4	1447	10.0	75400.3	-5412.8	1537	9.4	80751.6	-5447.1	1627	7.0	82131.9	-5457.5
1358	9.7	73947.3	-5405.9	1448	9.2	75408.7	-5406.1	1538	9.8	80753.6	-5407.9	1628	9.8	82132.4	-5405.0
1359	9.2	73949.8	-5431.7	1449	9.8	75420.7	-5438.2	1539	9.8	80755.1	-5409.5	1629	9.6	82147.9	-5421.2
1360	9.7	74001.8	-5418.7	1450	10.2	75423.7	-5436.3	1540	8.9	80801.6	-5432.9	1630	10.1	82154.9	-5402.4
1361	9.6	74008.8	-5417.8	1451	9.4	75451.2	-5405.5	1541	10.2	80819.6	-5408.5	1631	9.3	82207.7	-5420.7
1362	9.2	74020.8	-5401.2	1452	9.4	75507.6	-5400.1	1542	9.5	80838.1	-5434.9	1632	9.8	82215.2	-5408.6
1363	9.2	74024.3	-5406.6	1453	8.2	75530.2	-5413.7	1543	10.2	80840.1	-5413.2	1633	9.8	82227.7	-5440.7
1364	9.3	74027.8	-5409.7	1454	9.4	75551.7	-5441.9	1544	9.5	80842.6	-5439.5	1634	9.0	82233.2	-5419.6
1365	9.4	74051.8	-5444.6	1455	9.8	75602.2	-5417.5	1545	8.0	80919.4	-5458.7	1635	10.0	82238.2	-5411.8
1366	9.6	74118.4	-5457.0	1456	8.3	75603.2	-5412.3	1546	10.0	80923.6	-5410.6	1636	8.9	82241.2	-5422.9
1367	8.7	74118.8	-5442.2	1457	10.2	75610.7	-5435.9	1547	8.8	80926.1	-5425.9	1637	9.7	82251.2	-5409.0
1368	9.6	74140.3	-5438.4	1458	10.2	75611.2	-5453.2	1548	10.2	80930.1	-5432.5	1638	8.8	82300.7	-5444.1
1369	8.3	74148.3	-5420.2	1459	10.2	75615.7	-5421.2	1549	10.2	80944.1	-5401.1	1639	8.7	82305.7	-5439.4
1370	9.3	74229.3	-5416.7	1460	9.5	75622.7	-5423.1	1550	10.2	80951.1	-5428.2	1640	10.1	82315.2	-5415.4
1371	9.4	74229.8	-5422.4	1461	10.2	75643.7	-5449.3	1551	10.0	81010.1	-5400.1	1641	9.6	82324.7	-5417.6
1372	9.0	74229.8	-5432.6	1462	10.2	75650.7	-5433.8	1552	10.0	81031.6	-5420.6	1642	9.8	82330.2	-5405.7
1373	8.9	74230.3	-5452.4	1463	9.5	75651.7	-5426.4	1553	10.2	81056.6	-5417.8	1643	7.6	82336.7	-5457.2
1374	9.7	74251.8	-5447.4	1464	10.2	75657.7	-5404.9	1554	10.0	81100.6	-5404.8	1644	9.6	82341.2	-5414.1
1375	8.6	74252.5	-5435.0	1465	8.0	75716.7	-5452.4	1555	10.0	81101.6	-5420.7	1645	7.6	82348.2	-5455.3
1376	10.2	74320.2	-5410.7	1466	9.8	75720.7	-5445.6	1556	8.6	81110.6	-5421.2	1646	9.8	82409.2	-5425.7
1377	10.2	74322.2	-5416.7	1467	9.6	75733.7	-5441.7	1557	9.5	81150.6	-5432.3	1647	7.3	82414.2	-5435.8
1378	9.6	74324.0	-5415.5	1468	10.2	75734.2	-5409.8	1558	10.2	81158.6	-5417.3	1648	9.4	82426.2	-5419.8
1379	10.2	74345.5	-5439.5	1469	9.8	75736.7	-5432.0	1559	10.2	81211.6	-5413.2	1649	9.6	82432.2	-5429.8

-54 1650 8h24m

-54 2009 9h01m

1650	10.0	82441.2	-5422.6	1740	10.1	83710.9	-5403.8	1830	10.0	84447.8	-5448.9
1651	9.0	82441.2	-5458.2	1741	10.1	83711.4	-5425.4	1831	9.4	84453.8	-5450.5
1652	9.4	82442.4	-5457.7	1742	9.6	83711.9	-5409.1	1832	9.6	84457.8	-5414.7
1653	9.4	82452.2	-5437.0	1743	10.1	83720.4	-5423.5	1833	9.7	84459.3	-5403.7
1654	9.6	82452.7	-5455.5	1744	10.1	83722.4	-5446.8	1834	7.6	84504.3	-5459.3
1655	9.7	82454.2	-5454.0	1745	8.7	83724.9	-5405.8	1835	10.1	84508.8	-5444.9
1656	9.4	82456.2	-5452.3	1746	10.0	83734.9	-5442.7	1836	9.4	84521.3	-5425.4
1657	10.1	82458.7	-5418.7	1747	9.6	83736.4	-5404.4	1837	10.0	84522.3	-5408.8
1658	9.8	82506.2	-5403.6	1748	10.1	83738.4	-5441.1	1838	9.8	84528.8	-5451.2
1659	9.4	82509.7	-5401.6	1749	10.0	83738.5	-5428.0	1839	9.8	84531.8	-5450.2
1660	9.6	82513.7	-5406.6	1750	9.6	83740.5	-5437.5	1840	9.7	84533.3	-5438.3
1661	7.9	82523.2	-5404.9	1751	9.8	83754.4	-5456.9	1841	10.1	84536.3	-5429.2
1662	10.1	82528.7	-5424.4	1752	9.3	83758.0	-5426.5	1842	9.2	84547.8	-5448.0
1663	10.1	82557.7	-5415.4	1753	9.1	83807.5	-5432.1	1843	9.6	84547.8	-5416.9
1664	9.6	82559.2	-5427.4	1754	10.0	83809.0	-5451.1	1844	9.4	84547.8	-5426.2
1665	9.6	82610.7	-5427.7	1755	10.1	83815.5	-5452.1	1845	9.6	84550.8	-5413.1
1666	10.1	82611.5	-5409.2	1756	9.8	83820.5	-5405.8	1846	9.8	84554.8	-5453.5
1667	7.4	82622.2	-5446.3	1757	9.6	83820.5	-5430.0	1847	8.9	84603.3	-5423.7
1668	10.0	82626.7	-5412.5	1758	8.7	83822.5	-5419.5	1848	9.3	84608.0	-5458.0
1669	10.1	82634.2	-5403.3	1759	9.0	83826.0	-5431.0	1849	8.5	84614.8	-5444.1
1670	9.4	82639.7	-5429.9	1760	9.8	83831.3	-5402.2	1850	10.1	84628.3	-5441.8
1671	9.6	82640.2	-5424.7	1761	10.0	83832.5	-5405.0	1851	9.7	84631.3	-5431.8
1672	8.0	82643.7	-5424.4	1762	10.0	83849.0	-5406.6	1852	10.1	84632.3	-5440.7
1673	9.3	82727.6	-5455.9	1763	9.8	83907.5	-5437.2	1853	9.6	84632.3	-5408.1
1674	10.0	82738.1	-5434.0	1764	10.0	83909.5	-5434.0	1854	9.8	84634.0	-5428.6
1675	10.1	82742.1	-5409.0	1765	10.1	83909.5	-5425.0	1855	8.2	84634.3	-5436.7
1676	10.1	82840.1	-5419.6	1766	9.1	83921.5	-5447.0	1856	9.7	84638.5	-5410.2
1677	10.1	82859.6	-5436.8	1767	9.6	83927.5	-5456.5	1857	10.1	84638.5	-5423.9
1678	10.0	82900.6	-5436.4	1768	9.7	83927.5	-5447.6	1858	10.0	84639.0	-5419.1
1679	10.1	82907.6	-5431.6	1769	9.6	83930.5	-5425.1	1859	9.6	84645.5	-5408.1
1680	10.1	82913.1	-5452.0	1770	10.1	83931.5	-5434.4	1860	9.2	84646.8	-5400.2
1681	7.6	82914.6	-5459.1	1771	9.8	83935.5	-5414.8	1861	10.1	84647.1	-5459.2
1682	9.8	82919.1	-5447.5	1772	10.0	83945.0	-5415.7	1862	10.1	84654.0	-5455.6
1683	7.6	82920.1	-5441.8	1773	10.0	83949.0	-5421.8	1863	9.4	84657.5	-5446.9
1684	9.6	82935.6	-5438.2	1774	9.4	83950.5	-5453.4	1864	9.2	84659.5	-5407.8
1685	9.8	83021.1	-5421.3	1775	9.8	83951.5	-5413.7	1865	9.6	84702.0	-5427.6
1686	9.4	83021.1	-5432.3	1776	9.4	84000.0	-5427.0	1866	10.1	84710.0	-5415.4
1687	10.0	83022.1	-5410.0	1777	10.1	84000.5	-5450.1	1867	9.6	84710.5	-5458.9
1688	9.8	83022.1	-5441.7	1778	10.1	84015.5	-5429.0	1868	10.0	84711.5	-5431.3
1689	9.6	83030.1	-5411.1	1779	10.1	84017.5	-5433.1	1869	9.2	84718.5	-5424.3
1690	10.0	83031.1	-5440.5	1780	10.1	84029.5	-5402.1	1870	10.1	84719.5	-5442.6
1691	9.4	83046.1	-5429.9	1781	9.2	84036.5	-5424.6	1871	10.0	84729.5	-5419.4
1692	9.4	83058.1	-5424.3	1782	9.6	84036.5	-5411.0	1872	9.4	84729.5	-5418.7
1693	8.2	83103.1	-5414.2	1783	9.8	84039.5	-5425.6	1873	9.4	84731.9	-5458.1
1694	10.0	83103.6	-5409.4	1784	9.8	84055.0	-5441.8	1874	9.7	84734.0	-5427.5
1695	10.0	83109.1	-5441.7	1785	9.7	84101.5	-5435.1	1875	9.4	84734.2	-5407.5
1696	9.8	83120.6	-5415.1	1786	10.1	84103.5	-5438.4	1876	9.6	84747.2	-5410.0
1697	9.8	83125.6	-5455.2	1787	10.1	84105.5	-5405.2	1877	8.5	84802.7	-5412.9
1698	9.8	83144.1	-5447.7	1788	3.5	84117.0	-5415.1	1878	9.4	84810.7	-5438.1
1699	9.6	83146.1	-5404.4	1789	9.8	84121.6	-5406.9	1879	9.8	84811.2	-5434.6
1700	9.6	83202.1	-5426.1	1790	10.1	84124.1	-5433.1	1880	10.0	84813.5	-5453.1
1701	10.1	83209.1	-5414.0	1791	9.7	84131.1	-5423.5	1881	9.7	84816.2	-5451.9
1702	8.0	83212.1	-5440.2	1792	10.1	84135.1	-5420.9	1882	9.0	84821.4	-5428.7
1703	9.1	83233.1	-5425.8	1793	10.0	84139.1	-5439.8	1883	8.4	84827.7	-5420.7
1704	9.6	83235.1	-5438.4	1794	9.6	84143.6	-5421.9	1884	9.2	84831.1	-5458.3
1705	10.0	83242.6	-5441.1	1795	10.0	84152.6	-5412.9	1885	9.6	84832.5	-5407.0
1706	10.1	83244.6	-5442.2	1796	10.1	84153.2	-5459.3	1886	9.4	84837.9	-5432.1
1707	10.1	83302.1	-5434.1	1797	10.0	84156.6	-5430.5	1887	9.3	84841.4	-5403.9
1708	9.6	83338.1	-5411.0	1798	9.2	84201.1	-5450.7	1888	9.6	84846.9	-5404.0
1709	10.1	83343.4	-5451.3	1799	9.6	84208.1	-5435.1	1889	9.6	84857.4	-5422.8
1710	9.4	83351.4	-5449.2	1800	10.0	84209.1	-5443.1	1890	7.1	84857.9	-5452.3
1711	9.4	83351.9	-5440.2	1801	9.8	84212.1	-5421.9	1891	9.6	84908.4	-5408.5
1712	10.1	83353.4	-5452.1	1802	8.7	84215.1	-5445.9	1892	9.6	84909.9	-5451.8
1713	10.1	83353.9	-5428.0	1803	10.1	84220.1	-5405.3	1893	9.6	84917.4	-5448.6
1714	9.3	83414.4	-5457.8	1804	9.4	84220.6	-5424.3	1894	8.6	84918.4	-5413.6
1715	10.1	83414.9	-5413.9	1805	9.2	84230.1	-5446.0	1895	9.4	84920.9	-5441.9
1716	10.1	83415.9	-5445.1	1806	7.9	84232.1	-5430.1	1896	9.6	84926.1	-5435.8
1717	8.8	83422.4	-5433.4	1807	10.1	84232.1	-5405.9	1897	9.6	84930.4	-5437.4
1718	9.3	83435.9	-5443.1	1808	9.8	84238.6	-5424.3	1898	9.2	84931.9	-5425.7
1719	10.1	83439.9	-5405.0	1809	9.3	84245.1	-5452.4	1899	9.3	84934.9	-5414.2
1720	10.1	83442.4	-5405.3	1810	9.6	84245.1	-5402.5	1900	9.3	84938.4	-5430.6
1721	9.6	83449.9	-5451.2	1811	10.1	84254.6	-5418.7	1901	9.3	84941.9	-5432.9
1722	9.0	83455.4	-5418.4	1812	10.0	84310.6	-5402.9	1902	9.6	84944.6	-5459.1
1723	9.1	83457.9	-5457.4	1813	8.6	84319.6	-5421.7	1903	9.0	84950.4	-5453.1
1724	9.8	83510.9	-5422.8	1814	9.8	84321.1	-5438.1	1904	9.4	84959.9	-5413.7
1725	9.8	83512.9	-5420.8	1815	10.1	84322.1	-5420.9	1905	9.6	85001.4	-5441.4
1726	10.1	83520.4	-5430.7	1816	8.9	84341.1	-5419.9	1906	9.4	85002.4	-5416.9
1727	9.7	83533.4	-5432.5	1817	9.8	84351.6	-5405.0	1907	8.2	85007.4	-5437.9
1728	9.6	83534.9	-5452.5	1818	9.8	84351.6	-5432.0	1908	9.6	85017.4	-5455.2
1729	9.6	83539.9	-5451.5	1819	10.1	84405.1	-5421.3	1909	9.1	85020.4	-5419.6
1730	9.0	83600.9	-5455.6	1820	10.1	84410.6	-5411.1	1910	9.4	85021.4	-5458.7
1731	9.1	83604.9	-5412.4	1821	9.6	84411.6	-5456.7	1911	9.1	85031.4	-5444.2
1732	9.3	83607.4	-5451.6	1822	10.1	84422.1	-5409.7	1912	9.6	85037.4	-5435.9
1733	9.6	83612.4	-5455.3	1823	9.6	84430.1	-5441.7	1913	9.4	85038.9	-5429.0
1734	10.1	83627.4	-5439.4	1824	10.1	84432.3	-5438.9	1914	9.6	85041.4	-5403.3
1735	10.1	83631.9	-5430.3	1825	9.6	84434.3	-5419.2	1915	9.2	85041.9	-5433.8
1736	10.1	83642.9	-5433.1	1826	10.1	84440.8	-5405.5	1916	9.4	85047.9	-5455.9
1737	9.3	83643.9	-5435.4	1827	9.6	84442.3	-5409.6	1917	9.6	85109.0	-5451.9
1738	9.4	83655.9	-5444.0	1828	9.6	84445.8	-5419.6	1918	9.3	85113.9	-5444.8
1739	9.7	83709.9	-5439.8	1829	10.0	84447.3	-5426.8	1919	9.6	85117.4	-5421.9
1920	9.6	85118.9	-5432.1								
1921	9.4	85126.9	-5405.9								
1922	7.6	85127.4	-5413.4								
1923	9.6	85131.0	-5447.5								
1924	9.3	85138.4	-5439.9								
1925	6.8	85139.4	-5429.1								
1926	9.2	85141.4	-5452.1								
1927	9.1	85144.8	-5400.1								
1928	9.1	85152.9	-5423.2								
1929	8.5	85200.9	-5421.9								
1930	9.6	85205.4	-5457.4								
1931	9.6	85207.9	-5424.7								
1932	9.4	85221.4	-5443.3								
1933	9.6	85225.4	-5434.0								
1934	9.0	85229.4	-5440.9								
1935	9.4	85235.4	-5439.0								
1936	9.6	85302.9	-5441.7								
1937	9.6	85326.9	-5411.9								
1938	9.1	85331.4	-5443.4								
1939	9.6	85349.4	-5403.6								
1940	9.6	85356.4	-5416.1								
1941	9.4	85359.9	-5422.8								
1942	9.1	85401.4	-5437.9								
1943	8.5	85407.4	-5425.9								
1944	9.1	85417.3	-5401.5								
1945	9.3	85417.4	-5433.4								
1946	9.6	85419.9	-5414.8								
1947	9.6	85427.9	-5416.0								
1948	9.1	85453.9	-5424.0								
1949	9.1	85507.9	-5457.1								
1950	9.6	85511.0	-5412.5								
1951	9.6	85511.0	-5404.7								
1952	7.9	85518.4	-5408.9								
1953	9.4	85543.0	-5435.0								
1954	9.2	85549.5	-5409.5								
1955	9.0	85552.0	-5417.6								
1956	9.3	85554.0	-5413.3								
1957	9.3	85554.0	-5411.0								
1958	8.8	85555.0	-5431.6								
1959	9.6	85620.1	-5401.3								
1960	9.1	85627.5	-5417.0								
1961	9.6	85630.5	-5407.9								
1962	9.4	85630.5	-5447.5								
1963	9.6	85649.0	-5418.4								
1964	9.4	85659.5	-5408.5								
1965	9.6	85710.5	-5414.0								
1966	9.1	85727.0	-5425.0								
1967	9.2	85738.5	-5446.0								
1968	9.4	85747.5	-5428.6								
1969	9.2	85751.5	-5448.4								
1970	9.6	85759.5	-5434.4								
1971	9.4	85759.9	-5400.5								
1972	9.4	85808.5	-5447.1								
1973	9.6	85812.0	-5406.2								
1974	9.4	85813.0	-5416.2								
1975	9.6	85814.0	-5409.2								
1976	9.6	85816.0	-5402.8								
1977	9.6	85822.5	-5415.4								
1978	9.4	85832.5	-5416.2								
1979	9.4	85833.5	-5447.7								
1980	9.4	85839.5	-5442.0								
1981	9.1	85847.0	-5420.2								
1982	7.9	85848.5	-5432.2								
1983	9.4	85849.5	-5455.7								
1984	9.6	85900.0	-5403.2								
1985	9.6	85903.0	-5440.6								
1986	9.4	85915.5	-5425.8								
1987	8.2	85916.0	-5456.1								
1988	9.4	85921.5	-5438.2								
1989	9.6	85931.1	-5452.4								
1990	9.6	85936.6	-5411.8								
1991	9.6	85942.6	-5426.0								
1992	8.8	85947.6	-5439.4								
1993	9.6	90009.6	-5413.1								
1994	9.1	90013.1	-5419.1								
1995	9.6	90016.1	-5402.9								
1996	9.3	90018.1	-5438.7								
1997	9.2	90026.1	-5403.0								
1998	9.0	90028.4	-5400.5								
1999	9.4	90031.6	-5419.2								
2000	9.4	90034.6	-5414.5								
2001	8.8	90038.1	-5407.2								
2002	8.5	90041.6	-5425.7								
2003	9.6	90042.1	-5431.8								
2004	9.6	90100.1	-5402.2								
2005	9.0	90100.1	-5420.1								
2006	9.1	90107.6	-5442.5								
2007	9.4	90108.1	-5443.1								
2008	9.2	90109.6	-5413.1								
2009	9.6	90110.6	-5453.1								

-54 2010 9h01m

-54 2369 9h26m

2010	9.2	90124.1	-5454.4	2100	8.7	90927.5	-5433.9	2190	9.3	91606.4	-5428.9	2280	8.6	92151.8	-5444.8
2011	8.7	90131.6	-5444.5	2101	9.4	90928.5	-5424.6	2191	9.6	91611.9	-5401.1	2281	9.2	92151.8	-5438.8
2012	9.4	90133.6	-5424.4	2102	9.1	90928.5	-5411.8	2192	8.6	91617.4	-5443.4	2282	10.4	92155.8	-5407.6
2013	9.6	90140.1	-5425.0	2103	9.3	90934.5	-5458.1	2193	9.4	91627.9	-5430.1	2283	10.4	92157.3	-5453.7
2014	9.6	90141.1	-5454.2	2104	9.6	90935.5	-5400.8	2194	9.0	91628.4	-5442.0	2284	10.2	92202.3	-5447.0
2015	8.6	90153.1	-5459.0	2105	9.2	90948.5	-5433.1	2195	9.1	91629.9	-5417.9	2285	10.4	92202.8	-5431.0
2016	9.6	90153.6	-5451.8	2106	8.4	90952.0	-5440.9	2196	9.6	91630.4	-5432.1	2286	10.0	92213.3	-5418.9
2017	9.6	90213.1	-5435.0	2107	9.6	90954.0	-5444.0	2197	9.6	91632.9	-5422.1	2287	9.0	92220.3	-5457.3
2018	8.6	90215.1	-5431.7	2108	8.6	91002.5	-5412.7	2198	8.8	91652.9	-5449.7	2288	10.2	92220.8	-5431.5
2019	8.4	90225.6	-5424.1	2109	8.8	91019.5	-5432.0	2199	9.6	91701.9	-5420.0	2289	10.2	92224.3	-5428.4
2020	9.1	90229.1	-5413.8	2110	9.6	91019.5	-5447.9	2200	9.6	91706.4	-5421.9	2290	7.4	92231.8	-5419.9
2021	9.2	90229.6	-5456.6	2111	9.4	91030.5	-5404.4	2201	8.4	91713.4	-5406.9	2291	10.0	92240.8	-5438.7
2022	9.2	90231.6	-5432.8	2112	8.8	91031.5	-5408.6	2202	9.2	91717.0	-5401.8	2292	9.8	92243.8	-5432.4
2023	9.6	90245.6	-5418.0	2113	8.8	91038.5	-5428.4	2203	9.1	91720.9	-5430.8	2293	10.4	92251.3	-5435.6
2024	9.2	90254.1	-5447.0	2114	9.6	91039.5	-5438.9	2204	9.1	91722.9	-5410.1	2294	8.4	92253.3	-5415.4
2025	9.6	90255.6	-5439.0	2115	9.6	91054.0	-5450.5	2205	9.6	91724.4	-5426.5	2295	10.4	92257.8	-5417.0
2026	9.4	90300.1	-5411.3	2116	9.0	91056.5	-5416.2	2206	9.6	91726.4	-5434.7	2296	9.8	92259.3	-5408.1
2027	9.6	90318.6	-5406.5	2117	9.6	91104.8	-5401.1	2207	9.1	91727.4	-5426.2	2297	10.0	92300.3	-5418.7
2028	9.6	90328.6	-5422.0	2118	9.3	91110.0	-5421.8	2208	9.3	91731.9	-5442.2	2298	10.2	92302.8	-5425.8
2029	9.6	90330.1	-5435.0	2119	9.6	91117.5	-5459.1	2209	8.7	91736.4	-5452.2	2299	10.0	92303.8	-5417.3
2030	9.2	90331.1	-5418.8	2120	9.1	91122.0	-5456.4	2210	8.8	91739.4	-5409.9	2300	10.4	92306.3	-5423.1
2031	9.3	90338.8	-5402.4	2121	9.2	91122.5	-5435.8	2211	9.6	91749.4	-5405.4	2301	9.8	92308.8	-5439.8
2032	9.3	90339.6	-5422.4	2122	9.4	91123.0	-5418.8	2212	9.6	91749.9	-5413.0	2302	8.4	92311.8	-5449.6
2033	9.1	90339.6	-5451.8	2123	9.6	91129.5	-5440.7	2213	6.3	91801.1	-5459.1	2303	9.6	92324.3	-5430.8
2034	9.1	90342.1	-5407.0	2124	9.6	91130.5	-5450.5	2214	9.2	91803.1	-5434.6	2304	8.6	92329.3	-5442.5
2035	9.1	90343.6	-5442.2	2125	9.4	91138.5	-5405.8	2215	9.2	91804.6	-5452.4	2305	10.4	92330.3	-5426.8
2036	9.6	90346.6	-5413.0	2126	9.1	91140.5	-5412.9	2216	9.4	91807.1	-5444.3	2306	10.4	92330.3	-5432.2
2037	9.0	90400.1	-5436.2	2127	9.2	91144.5	-5427.0	2217	9.3	91807.1	-5424.5	2307	10.0	92337.3	-5421.6
2038	9.0	90401.6	-5404.2	2128	9.2	91144.5	-5436.1	2218	8.5	91807.1	-5401.0	2308	10.2	92337.8	-5442.9
2039	9.6	90407.6	-5436.0	2129	9.6	91146.5	-5413.2	2219	3.4	91815.1	-5428.6	2309	10.4	92338.8	-5414.7
2040	8.0	90414.6	-5449.2	2130	8.4	91146.5	-5426.7	2220	9.6	91816.3	-5402.2	2310	10.4	92340.3	-5409.6
2041	9.4	90421.1	-5442.0	2131	8.7	91147.5	-5427.1	2221	9.3	91821.1	-5404.2	2311	10.4	92342.3	-5447.9
2042	9.3	90421.6	-5425.1	2132	9.6	91150.0	-5448.8	2222	9.2	91834.1	-5446.5	2312	10.4	92343.3	-5449.5
2043	9.2	90423.1	-5440.2	2133	8.4	91158.5	-5400.2	2223	9.4	91852.1	-5434.4	2313	10.4	92343.8	-5443.4
2044	9.1	90428.6	-5452.8	2134	8.8	91201.0	-5446.1	2224	9.6	91852.6	-5436.5	2314	10.4	92347.8	-5420.5
2045	8.2	90429.6	-5435.6	2135	9.1	91201.5	-5422.0	2225	9.6	91852.6	-5436.9	2315	10.4	92349.8	-5413.7
2046	9.6	90439.1	-5434.6	2136	9.6	91225.0	-5404.1	2226	9.6	91900.1	-5408.5	2316	10.4	92350.3	-5424.6
2047	9.4	90445.8	-5401.0	2137	9.4	91230.5	-5411.6	2227	9.3	91903.1	-5407.0	2317	10.4	92352.3	-5434.0
2048	9.2	90446.1	-5400.0	2138	9.6	91230.5	-5403.0	2228	9.6	91908.1	-5434.1	2318	10.2	92353.8	-5416.1
2049	9.6	90456.6	-5440.0	2139	9.6	91232.5	-5418.3	2229	9.6	91912.1	-5456.6	2319	9.0	92400.3	-5433.8
2050	9.4	90457.6	-5412.2	2140	9.6	91238.0	-5417.7	2230	9.6	91915.6	-5420.0	2320	8.6	92402.0	-5401.6
2051	9.2	90458.6	-5413.8	2141	8.8	91239.5	-5411.0	2231	9.2	91916.8	-5400.8	2321	7.4	92402.3	-5447.5
2052	9.4	90501.6	-5408.0	2142	9.4	91239.5	-5405.7	2232	8.8	91918.1	-5431.9	2322	10.4	92407.3	-5417.4
2053	9.6	90501.6	-5420.0	2143	9.6	91242.5	-5424.6	2233	9.0	91919.1	-5435.1	2323	10.4	92408.8	-5406.0
2054	8.6	90501.6	-5404.1	2144	9.2	91244.0	-5429.8	2234	9.4	91920.1	-5412.2	2324	9.5	92409.3	-5430.2
2055	9.4	90513.6	-5441.3	2145	9.0	91249.5	-5434.1	2235	8.8	91925.2	-5429.6	2325	10.4	92415.8	-5426.0
2056	9.4	90521.1	-5425.0	2146	8.0	91250.0	-5408.0	2236	9.6	91933.4	-5438.1	2326	10.2	92417.3	-5456.7
2057	9.3	90521.1	-5415.6	2147	8.8	91250.0	-5452.0	2237	9.6	91935.9	-5444.0	2327	9.5	92418.3	-5436.0
2058	9.2	90531.6	-5446.8	2148	9.4	91251.5	-5416.0	2238	8.8	91940.6	-5421.3	2328	10.0	92421.8	-5424.8
2059	9.6	90548.1	-5434.8	2149	9.6	91256.5	-5442.0	2239	9.0	91940.9	-5421.4	2329	10.4	92421.8	-5428.6
2060	9.6	90549.6	-5408.2	2150	9.4	91301.0	-5411.8	2240	9.6	91941.4	-5404.3	2330	10.4	92425.8	-5434.8
2061	9.6	90551.1	-5444.4	2151	9.4	91306.5	-5411.8	2241	9.6	91945.6	-5434.7	2331	10.0	92434.8	-5450.5
2062	9.4	90551.1	-5441.5	2152	9.6	91314.5	-5433.9	2242	9.6	91945.7	-5410.5	2332	9.5	92437.8	-5439.6
2063	9.1	90558.6	-5401.2	2153	9.4	91315.0	-5422.6	2243	9.6	91951.1	-5444.9	2333	9.6	92440.3	-5404.4
2064	9.4	90601.6	-5441.6	2154	9.4	91324.0	-5415.2	2244	9.1	92000.1	-5452.8	2334	9.4	92446.8	-5419.0
2065	9.6	90604.6	-5402.5	2155	9.4	91330.5	-5418.8	2245	8.4	92001.1	-5418.1	2335	9.6	92447.8	-5439.8
2066	9.4	90606.1	-5435.0	2156	9.3	91330.5	-5407.6	2246	9.6	92003.9	-5424.3	2336	10.4	92452.8	-5404.2
2067	9.4	90608.6	-5457.0	2157	9.6	91338.5	-5452.0	2247	10.4	92009.7	-5453.5	2337	9.6	92452.8	-5429.4
2068	9.2	90609.6	-5410.4	2158	9.3	91346.5	-5426.3	2248	10.4	92013.3	-5443.3	2338	9.8	92456.3	-5450.9
2069	9.6	90611.6	-5401.1	2159	9.6	91352.5	-5453.1	2249	10.4	92016.7	-5456.0	2339	10.4	92501.3	-5428.8
2070	9.6	90618.0	-5425.5	2160	9.6	91400.0	-5442.8	2250	10.4	92017.9	-5420.4	2340	9.0	92502.3	-5414.0
2071	8.5	90618.0	-5411.2	2161	9.6	91403.5	-5442.8	2251	9.4	92024.8	-5441.2	2341	10.4	92503.8	-5412.0
2072	9.6	90626.5	-5451.8	2162	9.6	91411.5	-5414.2	2252	9.6	92029.3	-5434.9	2342	9.4	92513.8	-5435.4
2073	9.4	90633.0	-5423.1	2163	9.0	91431.5	-5418.0	2253	10.4	92032.3	-5429.9	2343	7.8	92518.8	-5415.0
2074	9.4	90646.5	-5450.1	2164	8.8	91431.5	-5453.2	2254	9.8	92032.9	-5427.4	2344	10.4	92522.0	-5402.3
2075	9.4	90703.5	-5422.7	2165	9.6	91436.5	-5430.5	2255	10.4	92033.2	-5401.9	2345	10.4	92522.3	-5439.4
2076	9.6	90716.5	-5403.1	2166	9.6	91439.0	-5415.8	2256	10.4	92036.4	-5442.3	2346	9.6	92526.3	-5436.3
2077	9.6	90719.5	-5433.7	2167	9.4	91446.0	-5447.4	2257	10.4	92038.7	-5455.1	2347	9.6	92529.3	-5421.0
2078	9.6	90725.0	-5426.3	2168	9.6	91447.0	-5416.0	2258	10.0	92041.7	-5424.2	2348	10.0	92536.3	-5426.2
2079	9.1	90727.5	-5431.2	2169	9.6	91450.0	-5453.4	2259	10.4	92048.8	-5458.5	2349	8.0	92538.8	-5410.6
2080	9.4	90729.0	-5400.9	2170	9.3	91450.0	-5405.0	2260	10.2	92050.3	-5420.6	2350	10.0	92538.8	-5425.0
2081	9.4	90733.0	-5447.0	2171	9.6	91451.5	-5453.2	2261	10.0	92051.8	-5424.1	2351	10.4	92547.3	-5435.7
2082	9.3	90734.5	-5429.7	2172	9.6	91456.5	-5409.4	2262	9.0	92059.3	-5434.1	2352	10.2	92550.3	-5459.2
2083	9.6	90742.5	-5453.1	2173	9.6	91458.5	-5405.4	2263	9.6	92100.3	-5431.6	2353	10.0	92551.3	-5417.3
2084	9.4	90747.5	-5440.5	2174	9.4	91501.0	-5421.0	2264	10.0	92102.3	-5435.6	2354	10.0	92554.8	-5434.2
2085	9.4	90756.5	-5400.5	2175	9.3	91513.4	-5439.1	2265	9.2	92110.3	-5457.1	2355	10.0	92555.3	-5445.0
2086	9.4	90759.5	-5447.7	2176	9.1	91513.4	-5436.6	2266	10.0	92111.3	-5411.2	2356	10.2	92556.8	-5442.7
2087	9.4	90808.5	-5431.1	2177	9.4	91513.9	-5443.2	2267	10.0	92112.3	-5444.7	2357	10.4	92558.8	-5445.2
2088	9.1	90815.0	-5452.8	2178	9.4	91521.9	-5442.2	2268	9.2	92112.8	-5431.7	2358	10.2	92559.3	-5452.6
2089	9.3	90820.0	-5409.1	2179	9.2	91524.4	-5436.9	2269	10.0	92119.3	-5426.9	2359	9.2	92601.8	-5419.0
2090	8.8	90822.0	-5438.9	2180	9.1	91528.9	-5451.0	2270	10.0	92123.8	-5441.3	2360	10.4	92607.3	-5436.4
2091	9.2	90828.5	-5413.3	2181	9.6	91529.4	-5446.8	2271	10.4	92126.8	-5410.6	2361	10.0	92608.8	-5451.8
2092	9.1	90836.5	-5424.0	2182	9.0	91531.9	-5435.0	2272	9.8	92127.8	-5448.1	2362	10.4	92612.3	-5408.0
2093	9.2	90840.0	-5448.4	2183	9.6	91532.4	-5446.0	2273	10.0	92130.3	-5450.7	2363	8.1	92613.3	-5423.4
2094	9.6	90841.5	-5415.9	2184	9.4	91540.4	-5425.6	2274	10.4	92132.3	-5434.1	2364	10.2	92619.8	-5419.0
2095	9.6	90844.5	-5418.5	2185	9.6	91541.4	-5425.1	2275	8.0	92132.3	-5424.2	2365	10.4	92620.3	-5430.0
2096	9.6	90859.5	-5448.5	2186	6.4	91542.9	-5439.5	2276	10.4	92134.3	-5425.1	2366	10.2	92621.8	-5409.0
2097	9.6	90859.5	-5437.5	2187	9.4	91550.4	-5421.2	2277	8.3	92140.3	-5428.0	2367	10.4	92622.8	-5427.0
2098	9.0	90859.5	-5412.8	2188	8.6	91553.4	-5413.3	2278	10.2	92147.3	-5409.6	2368	8.4	92630.3	-5441.0
2099	9.2	90903.0	-5424.2	2189	9.1	91605.9	-5422.1	2279	9.8	92151.3	-5410.9	2369	10.0	92630.8	-5430.2

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2370	10.4	92632.3	-5440.1	2460	9.2	93100.2	-5402.8	2550	10.0	93516.7	-5435.1
2371	8.9	92637.3	-5403.0	2461	10.2	93100.3	-5454.8	2551	10.4	93516.7	-5443.8
2372	10.4	92638.3	-5419.6	2462	10.0	93101.3	-5434.0	2552	9.8	93517.9	-5458.5
2373	9.0	92642.3	-5456.8	2463	10.2	93101.8	-5408.0	2553	10.4	93519.2	-5406.3
2374	9.2	92644.3	-5422.2	2464	10.2	93103.8	-5433.2	2554	7.2	93519.7	-5411.2
2375	9.6	92656.3	-5450.8	2465	10.0	93103.8	-5407.7	2555	10.4	93520.7	-5436.6
2376	10.2	92656.3	-5454.6	2466	10.4	93109.2	-5402.1	2556	10.4	93527.2	-5450.7
2377	9.8	92702.3	-5447.4	2467	10.0	93111.3	-5456.2	2557	9.4	93537.2	-5403.6
2378	10.0	92703.8	-5414.2	2468	10.2	93113.3	-5435.5	2558	10.2	93543.7	-5447.8
2379	10.4	92704.3	-5414.0	2469	10.0	93113.3	-5442.8	2559	10.0	93543.7	-5426.5
2380	10.4	92709.8	-5425.6	2470	10.4	93117.3	-5457.7	2560	9.2	93544.2	-5445.4
2381	10.4	92710.0	-5416.6	2471	10.2	93122.3	-5441.4	2561	10.0	93546.2	-5436.7
2382	9.6	92711.8	-5456.9	2472	9.8	93122.3	-5438.4	2562	10.2	93546.7	-5435.8
2383	10.4	92713.8	-5456.2	2473	9.0	93131.8	-5423.3	2563	10.4	93548.2	-5431.0
2384	10.4	92714.8	-5443.6	2474	10.4	93137.8	-5438.1	2564	10.0	93550.2	-5444.8
2385	10.4	92718.3	-5454.0	2475	10.4	93140.3	-5433.5	2565	9.0	93550.2	-5413.0
2386	10.4	92723.8	-5445.0	2476	10.2	93142.3	-5409.0	2566	9.8	93553.7	-5410.4
2387	10.4	92724.8	-5440.9	2477	9.4	93145.3	-5407.4	2567	10.4	93555.7	-5438.3
2388	9.6	92728.8	-5453.0	2478	10.4	93145.3	-5443.6	2568	10.0	93559.2	-5439.0
2389	9.8	92729.3	-5455.4	2479	10.4	93147.2	-5402.8	2569	10.4	93602.7	-5410.4
2390	10.2	92730.8	-5431.8	2480	10.4	93153.7	-5438.2	2570	9.8	93616.2	-5445.0
2391	10.0	92740.3	-5437.0	2481	10.4	93157.2	-5410.0	2571	10.4	93621.7	-5411.1
2392	10.0	92740.8	-5409.1	2482	10.0	93158.7	-5410.2	2572	9.8	93623.2	-5415.0
2393	10.4	92749.8	-5402.5	2483	10.0	93202.9	-5458.0	2573	10.4	93624.2	-5444.0
2394	10.0	92751.3	-5413.0	2484	10.4	93203.7	-5426.6	2574	10.0	93638.5	-5439.0
2395	10.4	92759.3	-5436.0	2485	10.0	93211.2	-5402.0	2575	10.0	93641.0	-5410.7
2396	9.8	92802.3	-5438.2	2486	10.4	93220.2	-5433.4	2576	10.0	93643.5	-5410.1
2397	10.2	92802.3	-5447.6	2487	10.4	93224.0	-5400.8	2577	10.4	93646.5	-5453.1
2398	10.2	92806.3	-5458.2	2488	10.4	93226.7	-5429.2	2578	9.6	93647.0	-5413.8
2399	10.2	92808.8	-5433.8	2489	9.6	93226.7	-5455.6	2579	7.4	93649.0	-5424.9
2400	10.4	92810.3	-5430.3	2490	10.4	93231.2	-5424.8	2580	10.4	93651.5	-5408.5
2401	10.2	92811.3	-5451.2	2491	10.4	93233.7	-5425.0	2581	10.0	93657.0	-5444.7
2402	9.4	92813.8	-5413.2	2492	9.8	93237.7	-5439.8	2582	9.2	93657.5	-5421.3
2403	10.2	92816.8	-5405.7	2493	10.2	93238.4	-5402.0	2583	10.0	93701.0	-5433.1
2404	9.6	92818.3	-5451.8	2494	10.4	93243.7	-5402.0	2584	10.4	93704.5	-5435.8
2405	10.4	92818.8	-5411.0	2495	9.8	93244.2	-5408.0	2585	10.4	93710.0	-5428.5
2406	10.2	92820.3	-5432.2	2496	10.2	93245.7	-5436.4	2586	10.2	93721.0	-5412.9
2407	10.0	92822.8	-5419.4	2497	10.4	93255.9	-5401.8	2587	10.4	93723.5	-5459.9
2408	10.0	92823.8	-5417.8	2498	10.4	93256.7	-5444.3	2588	9.4	93726.0	-5442.6
2409	10.2	92823.8	-5419.7	2499	9.8	93258.2	-5455.8	2589	10.4	93728.0	-5450.0
2410	10.4	92823.8	-5437.0	2500	9.5	93301.6	-5457.4	2590	10.4	93728.5	-5449.2
2411	10.4	92824.3	-5424.7	2501	10.2	93305.2	-5426.3	2591	10.0	93734.5	-5438.9
2412	10.4	92826.8	-5432.6	2502	10.4	93308.2	-5457.5	2592	10.4	93737.2	-5402.2
2413	9.5	92832.3	-5412.4	2503	10.4	93310.2	-5434.9	2593	10.2	93740.5	-5435.1
2414	9.8	92832.8	-5435.8	2504	10.2	93312.7	-5404.6	2594	6.3	93741.0	-5438.6
2415	10.0	92836.3	-5421.4	2505	8.9	93315.2	-5416.2	2595	10.0	93742.5	-5433.3
2416	10.2	92837.8	-5453.8	2506	10.2	93317.2	-5414.0	2596	10.4	93743.5	-5445.0
2417	7.6	92840.3	-5416.6	2507	10.0	93318.2	-5432.5	2597	9.5	93743.5	-5414.0
2418	10.4	92841.6	-5402.0	2508	10.4	93319.7	-5436.8	2598	9.6	93746.8	-5457.9
2419	9.2	92843.3	-5439.0	2509	9.8	93321.2	-5429.8	2599	10.2	93748.5	-5439.1
2420	10.0	92844.8	-5447.8	2510	10.2	93322.2	-5410.2	2600	10.4	93752.0	-5445.8
2421	10.2	92845.8	-5430.7	2511	8.9	93331.7	-5422.6	2601	10.4	93756.5	-5453.9
2422	9.6	92846.3	-5406.2	2512	10.2	93333.7	-5450.0	2602	10.4	93758.5	-5426.2
2423	7.8	92849.5	-5402.6	2513	10.2	93343.2	-5410.6	2603	10.2	93802.0	-5454.5
2424	10.4	92855.8	-5415.0	2514	9.2	93347.7	-5420.0	2604	9.8	93803.5	-5402.9
2425	9.4	92857.8	-5417.4	2515	9.5	93347.7	-5421.3	2605	10.4	93804.0	-5450.1
2426	10.0	92859.8	-5455.8	2516	9.2	93349.2	-5456.1	2606	10.0	93818.5	-5449.3
2427	9.8	92903.8	-5450.6	2517	9.8	93351.2	-5422.0	2607	9.0	93819.0	-5444.8
2428	10.4	92905.8	-5420.4	2518	10.4	93351.7	-5406.0	2608	10.4	93823.0	-5430.4
2429	9.8	92907.3	-5407.0	2519	9.2	93352.2	-5408.8	2609	9.8	93824.5	-5446.6
2430	10.4	92910.3	-5449.2	2520	10.0	93356.2	-5427.4	2610	9.8	93824.5	-5440.8
2431	9.0	92912.3	-5442.5	2521	10.4	93401.7	-5448.1	2611	10.4	93828.5	-5427.1
2432	10.0	92913.9	-5457.8	2522	10.4	93402.7	-5445.7	2612	10.0	93831.5	-5404.3
2433	10.0	92915.8	-5434.1	2523	10.0	93405.2	-5423.0	2613	10.0	93832.5	-5402.2
2434	10.0	92916.3	-5441.4	2524	10.0	93407.7	-5414.0	2614	10.0	93837.0	-5418.0
2435	10.4	92920.3	-5448.2	2525	8.4	93407.7	-5431.3	2615	10.2	93840.0	-5402.0
2436	10.4	92921.3	-5443.2	2526	10.2	93411.7	-5421.3	2616	10.4	93842.0	-5421.8
2437	10.4	92931.8	-5410.3	2527	10.4	93413.7	-5421.8	2617	9.4	93843.5	-5400.3
2438	10.4	92933.3	-5439.4	2528	10.4	93420.7	-5430.8	2618	7.9	93846.0	-5411.7
2439	9.6	92935.8	-5448.2	2529	10.4	93422.7	-5434.9	2619	9.4	93847.0	-5428.4
2440	10.0	92936.3	-5441.8	2530	10.0	93422.7	-5440.0	2620	10.4	93847.0	-5440.4
2441	10.4	92937.3	-5400.6	2531	10.2	93423.7	-5419.0	2621	10.0	93849.0	-5420.6
2442	9.8	92942.3	-5454.0	2532	10.0	93430.2	-5426.4	2622	10.4	93853.0	-5402.0
2443	9.4	92951.3	-5437.2	2533	10.0	93432.7	-5433.2	2623	10.4	93856.2	-5400.6
2444	10.4	93001.3	-5456.3	2534	10.4	93436.2	-5436.9	2624	9.6	93856.5	-5425.8
2445	9.6	93008.3	-5401.9	2535	9.6	93438.7	-5455.3	2625	9.6	93901.5	-5424.4
2446	9.2	93022.3	-5410.0	2536	10.4	93440.2	-5408.0	2626	10.4	93902.0	-5402.9
2447	10.0	93023.3	-5427.0	2537	10.4	93441.7	-5424.6	2627	10.4	93905.5	-5405.1
2448	8.8	93028.3	-5448.8	2538	9.8	93445.6	-5402.6	2628	10.4	93906.0	-5415.2
2449	10.4	93030.3	-5440.4	2539	10.0	93446.2	-5421.2	2629	10.4	93906.0	-5440.7
2450	9.8	93030.8	-5429.4	2540	10.2	93448.7	-5432.4	2630	10.2	93911.0	-5437.0
2451	9.6	93035.3	-5440.4	2541	10.0	93453.2	-5423.7	2631	10.0	93911.0	-5455.1
2452	10.4	93035.8	-5424.2	2542	10.4	93453.2	-5452.1	2632	8.7	93914.0	-5426.8
2453	10.0	93040.3	-5439.4	2543	10.2	93456.7	-5455.5	2633	10.4	93916.7	-5401.0
2454	10.4	93042.3	-5404.1	2544	9.4	93459.2	-5454.9	2634	10.0	93917.5	-5403.3
2455	9.8	93051.8	-5436.0	2545	10.4	93501.7	-5423.2	2635	9.4	93928.0	-5403.9
2456	10.0	93052.3	-5416.4	2546	10.4	93509.2	-5407.4	2636	9.8	93928.5	-5452.3
2457	10.4	93053.3	-5425.6	2547	10.4	93510.2	-5406.4	2637	10.0	93929.0	-5420.8
2458	10.4	93053.8	-5431.8	2548	9.4	93512.2	-5449.1	2638	9.5	93931.0	-5421.7
2459	10.4	93055.3	-5459.0	2549	10.4	93515.2	-5442.0	2639	10.4	93931.5	-5436.0

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2640	10.0	93932.5	-5404.7	2650	9.8	94004.0	-5406.6	2660	9.8	94051.0	-5414.2
2641	10.2	93933.0	-5417.1	2651	10.0	94008.5	-5403.1	2661	9.6	94051.0	-5415.8
2642	8.6	93945.0	-5428.6	2652	10.4	94010.2	-5400.3	2662	10.0	94100.0	-5454.1
2643	10.4	93949.0	-5430.2	2653	10.4	94011.0	-5451.8	2663	9.8	94100.5	-5427.4
2644	9.0	93950.0	-5414.0	2654	10.2	94013.0	-5407.7	2664	10.2	94100.5	-5435.9
2645	9.4	93958.0	-5421.8	2655	10.2	94020.0	-5415.1	2665	10.4	94101.5	-5424.8
2646	10.4	93959.5	-5427.9	2656	8.9	94042.0	-5431.0	2666	9.6	94102.0	-5433.1
2647	9.8	94002.0	-5440.4	2657	10.4	94044.0	-5428.5	2667	9.4	94104.3	-5458.7
2648	10.0	94002.0	-5455.9	2658	9.0	94049.0	-5443.8	2668	10.0	94106.0	-5433.8
2649	10.4	94002.0	-5416.8	2659	10.4	94049.5	-5424.3	2669	9.0	94109.5	-5410.7
2670	10.4	94110.2	-5416.0	2680	9.2	94140.0	-5409.9	2690	10.2	94210.5	-5429.7
2671	10.4	94111.5	-5447.3	2681	10.2	94143.5	-5418.4	2691	10.4	94213.5	-5404.0
2672	9.8	94117.5	-5417.2	2682	10.0	94150.0	-5417.6	2692	10.4	94214.0	-5425.7
2673	10.4	94119.0	-5402.3	2683	9.8	94153.0	-5443.1	2693	9.8	94215.0	-5410.0
2674	10.0	94120.5	-5401.9	2684	9.8	94155.0	-5414.8	2694	10.0	94217.0	-5447.2
2675	10.0	94121.5	-5402.0	2685	10.4	94201.5	-5401.7	2695	10.4	94225.0	-5444.3
2676	10.4	94128.0	-5412.3	2686	9.6	94201.5	-5409.0	2696	9.8	94225.0	-5406.2
2677	10.2	94129.0	-5426.5	2687	10.4	94202.5	-5402.0	2697	10.2	94228.0	-5442.6
2678	10.4	94129.5	-5432.6	2688	10.0	94206.5	-5425.7	2698	10.4	94231.0	-5411.8
2679	9.8	94133.5	-5415.9	2689	10.0	94208.0	-5407.0	2699	10.4	94232.0	-5430.2
2700	8.6	94232.0	-5445.8	2710	10.4	94303.5	-5431.0	2720	10.2	94340.0	-5425.6
2701	10.4	94237.0	-5409.2	2711	10.4	94308.6	-5458.1	2721	10.4	94340.3	-5457.4
2702	10.4	94238.5	-5405.3	2712	10.2	94309.0	-5414.4	2722	9.8	94341.5	-5427.0
2703	9.0	94240.0	-5450.7	2713	10.4	94311.5	-5412.4	2723	9.8	94343.5	-5446.7
2704	9.4	94243.0	-5424.1	2714	10.0	94319.0	-5417.8	2724	10.4	94349.0	-5423.3
2705	10.2	94247.7	-5458.5	2715	10.4	94326.2	-5402.3	2725	9.0	94350.0	-5400.0
2706	9.6	94253.5	-5415.4	2716	10.4	94330.0	-5440.8	2726	10.2	94351.5	-5439.6
2707	9.6	94255.5	-5416.1	2717	10.0	94332.0	-5425.0	2727	10.2	94352.0	-5440.0
2708	9.6	94301.5	-5445.6	2718	10.4	94339.5	-5415.4	2728	10.2	94352.0	-5442.5
2709	10.4	94302.5	-5431.2	2719	10.4	94339.5	-5415.8	2729	10.2	94356.0	-5434.6

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-54 3089 10h00m

2730	10.2	94358.0	-5459.7	2820	10.0	94849.3	-5425.9	2910	10.4	95223.4	-5450.7
2731	9.0	94400.0	-5442.6	2821	10.2	94851.3	-5425.7	2911	10.0	95223.9	-5434.2
2732	10.2	94402.0	-5435.4	2822	10.4	94851.3	-5425.5	2912	9.7	95223.9	-5425.6
2733	10.0	94412.2	-5421.1	2823	10.2	94854.3	-5454.6	2913	10.5	95224.9	-5445.2
2734	10.2	94418.2	-5450.9	2824	9.8	94855.8	-5435.0	2914	10.0	95230.9	-5454.2
2735	8.8	94419.7	-5458.6	2825	9.4	94857.8	-5427.9	2915	9.4	95240.9	-5435.9
2736	9.5	94420.7	-5457.5	2826	9.9	94858.3	-5435.3	2916	10.2	95241.4	-5420.4
2737	9.0	94428.2	-5454.8	2827	10.4	94859.5	-5452.7	2917	10.5	95241.9	-5439.0
2738	9.4	94429.7	-5422.5	2828	10.2	94902.3	-5434.4	2918	10.4	95243.9	-5452.6
2739	10.0	94429.7	-5456.3	2829	10.4	94903.8	-5422.5	2919	10.2	95251.6	-5401.8
2740	10.0	94439.7	-5449.1	2830	9.6	94906.5	-5407.1	2920	10.4	95254.5	-5443.5
2741	10.0	94440.7	-5431.0	2831	9.4	94907.3	-5423.0	2921	10.0	95254.9	-5456.5
2742	9.2	94446.2	-5426.7	2832	10.0	94909.3	-5448.6	2922	10.5	95303.9	-5411.3
2743	10.2	94448.2	-5432.3	2833	10.0	94911.5	-5428.8	2923	10.4	95303.9	-5409.9
2744	9.4	94507.7	-5443.9	2834	10.0	94919.3	-5440.4	2924	9.7	95305.4	-5420.9
2745	10.2	94511.7	-5449.4	2835	10.0	94920.1	-5459.9	2925	10.5	95308.9	-5408.7
2746	10.2	94519.7	-5446.5	2836	10.0	94921.3	-5433.1	2926	10.0	95311.6	-5457.0
2747	10.0	94521.7	-5440.1	2837	9.8	94928.8	-5429.6	2927	10.4	95312.9	-5410.7
2748	9.8	94522.2	-5423.8	2838	10.4	94929.3	-5418.4	2928	9.6	95314.4	-5404.9
2749	10.2	94522.7	-5418.2	2839	10.4	94931.8	-5420.8	2929	9.4	95314.4	-5405.1
2750	10.2	94530.5	-5402.3	2840	8.6	94936.3	-5412.3	2930	10.0	95318.4	-5405.1
2751	9.8	94532.7	-5424.7	2841	10.4	94936.8	-5424.7	2931	9.2	95320.4	-5440.5
2752	10.4	94540.7	-5452.1	2842	7.9	94938.8	-5415.4	2932	10.4	95321.5	-5400.6
2753	10.0	94541.2	-5424.4	2843	10.2	94941.8	-5406.3	2933	10.4	95322.4	-5452.7
2754	10.2	94542.7	-5443.5	2844	10.4	94943.3	-5442.0	2934	10.4	95322.6	-5400.9
2755	10.0	94549.7	-5454.3	2845	10.2	94947.3	-5434.5	2935	10.4	95322.9	-5427.6
2756	10.0	94558.2	-5412.4	2846	9.0	94951.3	-5430.4	2936	10.5	95323.5	-5422.5
2757	9.2	94600.7	-5457.5	2847	9.8	94951.3	-5436.5	2937	8.8	95325.4	-5419.4
2758	10.0	94602.7	-5432.9	2848	10.0	94957.3	-5442.5	2938	10.4	95326.4	-5415.3
2759	8.6	94603.2	-5441.2	2849	10.4	94959.3	-5433.9	2939	10.4	95327.9	-5401.9
2760	10.2	94608.2	-5449.9	2850	10.2	94959.3	-5411.3	2940	10.5	95331.9	-5433.5
2761	10.0	94609.7	-5416.6	2851	10.4	95000.8	-5444.9	2941	10.2	95335.9	-5433.9
2762	10.4	94611.2	-5449.2	2852	9.8	95002.3	-5437.2	2942	10.2	95336.9	-5455.4
2763	10.2	94612.2	-5402.0	2853	10.2	95004.8	-5453.4	2943	9.6	95342.5	-5429.2
2764	10.4	94616.7	-5434.0	2854	10.4	95011.1	-5458.2	2944	10.2	95342.4	-5407.1
2765	9.2	94619.2	-5405.2	2855	10.0	95012.3	-5450.5	2945	9.2	95344.4	-5418.5
2766	10.4	94619.7	-5405.9	2856	10.0	95015.8	-5428.7	2946	9.4	95348.4	-5442.3
2767	9.8	94619.7	-5426.4	2857	10.2	95017.3	-5422.5	2947	10.4	95349.9	-5438.9
2768	10.4	94620.7	-5440.9	2858	10.2	95018.3	-5409.7	2948	10.2	95350.9	-5440.7
2769	10.2	94624.7	-5454.0	2859	9.5	95021.3	-5410.7	2949	10.4	95354.4	-5452.0
2770	10.4	94626.7	-5439.7	2860	10.2	95025.3	-5432.0	2950	10.0	95354.9	-5434.1
2771	10.4	94629.7	-5436.0	2861	9.8	95025.3	-5445.5	2951	8.8	95355.9	-5422.7
2772	10.4	94630.7	-5406.7	2862	8.2	95027.8	-5433.3	2952	9.4	95402.3	-5418.6
2773	10.0	94634.7	-5440.9	2863	10.2	95028.3	-5400.7	2953	9.8	95404.3	-5439.9
2774	10.4	94638.7	-5430.0	2864	10.4	95028.8	-5459.0	2954	10.0	95408.3	-5458.7
2775	10.4	94639.7	-5430.0	2865	10.4	95031.3	-5403.2	2955	10.5	95410.3	-5432.9
2776	10.2	94640.7	-5433.9	2866	10.4	95040.8	-5433.5	2956	9.9	95412.3	-5423.7
2777	10.4	94641.2	-5432.4	2867	10.4	95042.8	-5449.3	2957	10.4	95412.3	-5408.1
2778	10.4	94643.2	-5453.6	2868	10.4	95045.3	-5439.5	2958	10.0	95413.3	-5453.5
2779	10.4	94647.2	-5443.9	2869	9.8	95049.5	-5401.1	2959	10.5	95414.8	-5431.8
2780	10.2	94647.2	-5423.1	2870	10.4	95052.5	-5400.9	2960	10.2	95416.0	-5400.5
2781	10.2	94647.7	-5453.1	2871	10.4	95054.8	-5447.3	2961	10.0	95418.3	-5401.2
2782	10.4	94650.0	-5401.1	2872	10.0	95056.3	-5409.3	2962	9.7	95420.3	-5411.5
2783	9.8	94701.7	-5444.6	2873	9.0	95058.3	-5455.5	2963	10.5	95424.8	-5451.5
2784	10.4	94709.2	-5424.2	2874	10.4	95100.3	-5428.3	2964	10.0	95426.3	-5424.3
2785	10.0	94709.7	-5448.1	2875	9.5	95104.3	-5432.9	2965	10.4	95430.3	-5409.1
2786	9.8	94711.7	-5454.7	2876	10.4	95109.3	-5440.1	2966	9.2	95431.8	-5443.3
2787	10.4	94715.7	-5438.0	2877	9.8	95109.8	-5429.3	2967	10.2	95432.3	-5400.1
2788	9.6	94719.2	-5404.9	2878	10.2	95111.3	-5436.9	2968	9.2	95432.3	-5401.5
2789	10.0	94719.7	-5446.6	2879	9.6	95111.8	-5414.5	2969	10.0	95432.3	-5442.8
2790	8.2	94721.7	-5447.8	2880	10.2	95113.3	-5421.8	2970	10.4	95434.3	-5433.9
2791	10.0	94721.7	-5422.7	2881	10.4	95117.8	-5418.6	2971	10.4	95434.4	-5428.6
2792	7.8	94723.2	-5404.2	2882	10.4	95122.3	-5447.5	2972	10.5	95434.8	-5431.9
2793	9.8	94724.7	-5419.6	2883	10.4	95122.3	-5435.7	2973	10.4	95435.3	-5408.9
2794	10.4	94734.7	-5443.9	2884	10.2	95125.3	-5402.1	2974	10.2	95435.8	-5429.6
2795	10.0	94735.7	-5425.8	2885	10.4	95125.8	-5452.1	2975	9.2	95439.3	-5423.3
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3348	10.4	101029.4	-5439.0
3349	10.2	101029.9	-5451.6
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3352	7.9	101032.9	-5455.8
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-54 3449 10h14m

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-54 3810 10h29m

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3832	10.0	103026.7	-5423.4
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3834	10.1	103028.7	-5442.2
3835	9.8	103029.7	-5417.7
3836	10.0	103029.7	-5402.9
3837	10.1	103031.2	-5434.6
3838	10.0	103038.2	-5443.5
3839	9.6	103043.5	-5459.7
3840	9.8	103045.2	-5436.3
3841	10.1	103050.2	-5427.3
3842	10.1	103050.2	-5426.9
3843	10.1	103052.2	-5404.1
3844	9.5	103053.7	-5409.1
3845	9.6	103055.7	-5421.1
3846	10.1	103055.7	-5454.7
3847	10.1	103100.7	-5457.8
3848	9.8	103104.2	-5424.9
3849	9.4	103106.7	-5447.1
3850	9.8	103110.7	-5442.1
3851	10.1	103112.7	-5440.5
3852	10.0	103116.0	-5401.1
3853	9.0	103125.2	-5411.8
3854	8.8	103129.7	-5443.1
3855	9.4	103130.2	-5454.4
3856	9.0	103133.2	-5427.5
3857	10.1	103135.7	-5422.9
3858	9.8	103135.7	-5406.3
3859	10.0	103136.2	-5432.2
3860	10.0	103138.2	-5455.4
3861	10.0	103139.7	-5441.3
3862	10.1	103140.2	-5455.7
3863	9.2	103146.7	-5434.2
3864	9.6	103149.2	-5454.1
3865	8.4	103151.2	-5440.6
3866	9.6	103152.2	-5410.0
3867	10.1	103155.2	-5444.8
3868	10.1	103200.2	-5448.1
3869	9.2	103200.7	-5418.2
3870	9.6	103205.7	-5410.1
3871	10.0	103206.2	-5424.7
3872	9.8	103209.2	-5448.6
3873	8.5	103210.7	-5432.9
3874	9.6	103214.7	-5418.3
3875	10.1	103214.7	-5445.1
3876	9.0	103217.7	-5416.1
3877	9.6	103219.7	-5418.6
3878	9.5	103221.2	-5411.1
3879	9.6	103221.2	-5441.2
3880	10.0	103225.2	-5440.3
3881	10.0	103236.2	-5423.0
3882	9.6	103244.2	-5455.5
3883	10.1	103247.7	-5434.3
3884	9.0	103251.5	-5402.5
3885	8.8	103256.2	-5459.4
3886	9.0	103258.7	-5452.0
3887	9.6	103259.7	-5453.4
3888	9.2	103301.2	-5455.3
3889	9.5	103308.2	-5448.1
3890	9.2	103310.2	-5453.5
3891	10.0	103310.4	-5412.9
3892	9.4	103310.7	-5446.5
3893	9.1	103314.8	-5401.0
3894	8.8	103327.2	-5430.5
3895	10.1	103328.2	-5429.2
3896	9.6	103334.7	-5420.6
3897	9.0	103334.7	-5448.0
3898	9.6	103338.0	-5400.0
3899	8.6	103338.2	-5450.1
3900	9.2	103343.2	-5414.6
3901	10.0	103344.2	-5426.3
3902	9.8	103344.2	-5447.6
3903	8.2	103349.8	-5459.7
3904	10.1	103350.1	-5447.4
3905	10.1	103350.2	-5411.6
3906	10.1	103352.7	-5436.4
3907	10.1	103356.2	-5440.0
3908	10.1	103359.2	-5434.1
3909	7.6	103401.2	-5427.8
3910	9.8	103401.7	-5456.2
3911	9.2	103406.7	-5408.9
3912	8.8	103410.2	-5412.7
3913	9.4	103418.2	-5426.0
3914	9.2	103418.2	-5409.0
3915	5.8	103419.3	-5457.4
3916	6.8	103426.3	-5457.5
3917	9.8	103430.2	-5439.5
3918	9.8	103433.2	-5429.7
3919	10.1	103438.2	-5434.5
3920	9.4	103440.2	-5407.0
3921	10.1	103442.7	-5428.7
3922	9.5	103444.2	-5409.8
3923	10.1	103446.7	-5426.1
3924	10.1	103452.2	-5436.7
3925	10.0	103454.2	-5429.5
3926	10.0	103459.5	-5458.2
3927	10.1	103503.1	-5427.1
3928	9.8	103503.2	-5451.2
3929	9.8	103505.2	-5442.5
3930	8.8	103511.7	-5445.1
3931	10.1	103520.2	-5437.2
3932	9.8	103536.2	-5426.5
3933	9.5	103542.2	-5435.2
3934	9.4	103550.2	-5414.3
3935	10.1	103558.7	-5426.5
3936	10.0	103605.2	-5406.8
3937	10.1	103608.7	-5427.0
3938	10.1	103609.8	-5453.2
3939	9.5	103609.8	-5441.2
3940	9.8	103610.3	-5402.2
3941	9.5	103626.8	-5446.0
3942	9.8	103628.3	-5427.6
3943	9.6	103629.3	-5454.5
3944	9.0	103633.2	-5401.2
3945	8.8	103634.3	-5410.2
3946	8.6	103639.3	-5408.7
3947	10.0	103641.3	-5414.6
3948	9.6	103642.3	-5424.8
3949	10.0	103647.8	-5433.2
3950	10.1	103648.3	-5455.2
3951	9.6	103652.3	-5430.6
3952	9.2	103653.3	-5457.8
3953	10.0	103707.3	-5435.4
3954	9.6	103712.3	-5456.4
3955	10.0	103715.8	-5428.1
3956	9.2	103717.3	-5416.4
3957	10.1	103722.3	-5451.6
3958	10.1	103724.8	-5416.9
3959	10.0	103727.3	-5448.4
3960	10.0	103732.3	-5409.0
3961	10.0	103733.3	-5421.6
3962	8.8	103733.3	-5445.8
3963	10.0	103740.3	-5410.2
3964	10.1	103745.3	-5444.8
3965	10.0	103753.3	-5424.2
3966	10.0	103758.3	-5403.6
3967	9.1	103800.3	-5420.8
3968	9.6	103807.3	-5426.2
3969	10.1	103811.3	-5424.3
3970	10.1	103817.8	-5451.4
3971	9.4	103822.3	-5418.1
3972	9.4	103822.3	-5401.2
3973	10.1	103829.8	-5436.9
3974	8.8	103832.3	-5444.1
3975	9.8	103832.8	-5411.2
3976	9.4	103833.3	-5423.2
3977	10.1	103836.3	-5409.8
3978	10.0	103842.3	-5443.6
3979	10.0	103848.3	-5447.8
3980	10.1	103848.8	-5445.8
3981	10.0	103850.8	-5444.0
3982	9.8	103851.8	-5444.4
3983	10.0	103853.8	-5420.7
3984	10.1	103854.3	-5438.9
3985	10.1	103854.8	-5406.2
3986	9.2	103859.8	-5457.6
3987	9.4	103900.3	-5429.2
3988	9.0	103900.8	-5415.4
3989	10.1	103901.8	-5448.2

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3990	9.2	103902.8	-5406.0
3991	9.0	103913.3	-5453.9
3992	9.6	103915.3	-5406.2
3993	9.5	103917.3	-5437.2
3994	10.1	103921.8	-5440.1
3995	10.0	103924.8	-5430.0
3996	9.6	103924.8	-5436.0
3997	10.0	103934.8	-5433.6
3998	10.0	103936.3	-5429.2
3999	10.1	103938.8	-5422.2
4000	9.6	103942.8	-5414.1
4001	9.4	103943.8	-5402.8
4002	9.5	103945.8	-5427.4
4003	9.6	103955.8	-5439.6
4004	9.2	104002.8	-5423.4
4005	10.1	104004.8	-5411.2
4006	10.1	104005.8	-5402.0
4007	9.4	104010.3	-5450.5
4008	9.5	104010.8	-5455.8
4009	9.2	104012.3	-5421.8
4010	10.1	104013.3	-5429.9
4011	10.0	104015.3	-5433.2
4012	9.5	104016.3	-5436.2
4013	9.6	104016.3	-5453.2
4014	10.1	104018.5	-5402.0
4015	10.1	104019.3	-5423.1
4016	9.8	104021.3	-5452.4
4017	10.0	104024.8	-5415.4
4018	8.8	104026.3	-5437.1
4019	10.0	104027.8	-5418.2
4020	9.6	104044.3	-5404.2
4021	9.2	104058.8	-5431.8
4022	9.6	104108.3	-5434.1
4023	9.6	104123.3	-5439.0
4024	9.6	104134.3	-5458.2
4025	9.8	104140.0	-5457.9
4026	9.5	104146.8	-5425.2
4027	9.5	104150.3	-5410.7
4028	9.6	104151.3	-5402.4
4029	8.6	104151.3	-5410.4
4030	10.0	104153.3	-5425.8
4031	10.0	104155.8	-5419.7
4032	10.1	104200.3	-5440.8
4033	10.1	104202.3	-5443.0
4034	10.0	104202.8	-5407.2
4035	10.0	104203.8	-5436.8
4036	9.5	104208.3	-5450.4
4037	9.3	104208.3	-5413.8
4038	9.6	104215.3	-5412.8
4039	10.1	104216.8	-5412.1
4040	10.1	104216.8	-5452.2
4041	10.0	104221.3	-5422.1
4042	10.1	104221.8	-5422.4
4043	10.0	104222.3	-5425.6
4044	9.6	104223.8	-5403.4
4045	8.6	104223.8	-5402.1
4046	10.0	104233.3	-5454.8
4047	10.0	104235.8	-5412.5
4048	9.8	104238.3	-5436.8
4049	9.4	104243.8	-5407.0
4050	9.8	104244.8	-5433.8
4051	9.5	104257.3	-5441.8
4052	9.8	104300.3	-5429.4
4053	9.8	104305.3	-5423.0
4054	10.1	104306.3	-5428.2
4055	9.5	104308.3	-5425.4
4056	10.0	104311.3	-5409.3
4057	10.0	104313.3	-5413.0
4058	10.0	104314.3	-5405.2
4059	9.6	104316.3	-5429.3
4060	9.4	104318.8	-5438.6
4061	10.0	104322.3	-5440.7
4062	10.1	104323.3	-5410.2
4063	9.8	104339.3	-5449.5
4064	8.0	104341.8	-5441.9
4065	9.6	104342.3	-5400.1
4066	10.1	104342.3	-5413.3
4067	9.1	104352.3	-5403.3
4068	9.6	104352.3	-5443.7
4069	9.8	104353.5	-5412.3
4070	9.2	104401.8	-5452.6
4071	9.8	104402.8	-5430.9
4072	10.1	104407.2	-5400.2
4073	10.0	104411.3	-5430.3
4074	9.6	104422.3	-5410.3
4075	9.6	104430.3	-5419.6
4076	9.4	104437.3	-5430.4
4077	9.8	104437.3	-5405.1
4078	10.0	104439.3	-5437.6
4079	9.6	104439.8	-5447.3
4080	9.6	104442.3	-5411.8
4081	10.1	104443.8	-5453.9
4082	9.6	104444.3	-5410.2
4083	10.0	104444.3	-5429.7
4084	10.1	104444.8	-5433.7
4085	10.0	104447.8	-5439.4
4086	9.5	104451.3	-5430.5
4087	10.0	104454.3	-5440.3
4088	10.1	104458.3	-5420.8
4089	9.1	104510.3	-5432.8
4090	9.8	104511.8	-5408.6
4091	10.0	104513.8	-5456.9
4092	9.1	104522.3	-5456.1
4093	9.4	104526.8	-5436.7
4094	9.6	104527.3	-5419.6
4095	10.1	104532.3	-5414.0
4096	10.1	104544.8	-5420.1
4097	9.6	104548.8	-5441.6
4098	10.0	104551.3	-5413.9
4099	10.0	104553.8	-5411.1
4100	9.6	104556.8	-5406.3
4101	10.1	104559.8	-5439.2
4102	9.5	104601.8	-5412.8
4103	10.1	104609.8	-5411.2
4104	8.8	104616.8	-5438.9
4105	9.6	104621.8	-5404.6
4106	10.1	104624.8	-5434.8
4107	10.0	104631.3	-5404.8
4108	8.8	104644.8	-5451.1
4109	8.0	104646.8	-5428.4
4110	10.0	104649.3	-5411.6
4111	10.0	104651.8	-5440.0
4112	9.6	104655.8	-5404.0
4113	10.0	104656.3	-5418.4
4114	10.0	104657.8	-5456.3
4115	9.4	104709.8	-5418.8
4116	9.8	104726.8	-5416.2
4117	10.0	104732.3	-5430.1
4118	9.4	104734.3	-5406.8
4119	10.0	104738.8	-5421.3
4120	9.4	104750.8	-5434.8
4121	9.6	104800.3	-5412.3
4122	10.0	104800.8	-5445.3
4123	10.0	104815.3	-5421.1
4124	9.6	104815.8	-5443.1
4125	9.6	104819.3	-5442.9
4126	9.2	104820.3	-5423.6
4127	9.8	104829.9	-5458.5
4128	8.6	104830.3	-5436.4
4129	10.0	104834.1	-5435.8
4130	9.6	104836.3	-5404.2
4131	8.8	104839.3	-5448.9
4132	10.0	104841.3	-5421.6
4133	10.1	104848.8	-5444.8
4134	10.0	104849.3	-5420.7
4135	9.8	104853.8	-5452.2
4136	10.0	104855.8	-5406.8
4137	9.5	104859.8	-5411.4
4138	9.4	104905.3	-5403.1
4139	8.3	104906.3	-5418.4
4140	9.2	104914.3	-5428.1
4141	8.8	104915.8	-5407.1
4142	9.6	104919.3	-5405.7
4143	10.1	104920.8	-5420.6
4144	9.6	104921.3	-5446.8
4145	8.1	104923.8	-5457.3
4146	10.1	104927.8	-5430.8
4147	10.1	104931.2	-5428.1
4148	10.1	104931.8	-5422.9
4149	10.0	104933.8	-5403.1
4150	10.0	104937.3	-5420.6
4151	9.6	104942.8	-5443.2
4152	10.0	104944.3	-5450.7
4153	9.8	104946.8	-5428.6
4154	9.8	104953.8	-5430.9
4155	10.1	104954.3	-5431.1
4156	10.1	104955.8	-5439.6
4157	10.0	105001.8	-5430.2
4158	9.8	105003.8	-5423.7
4159	9.5	105010.3	-5415.1
4160	9.6	105012.3	-5413.0
4161	9.6	105018.3	-5447.4
4162	10.0	105018.8	-5417.4
4163	10.0	105020.3	-5449.7
4164	10.0	105020.8	-5435.4
4165	8.8	105023.6	-5459.1
4166	10.1	105024.8	-5444.3
4167	9.1	105025.1	-5457.8
4168	10.1	105030.3	-5441.5
4169	10.1	105033.8	-5431.4

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-54 4529 11h19m

4170	10.1	105041.3	-5440.5	4260	10.0	105705.9	-5436.0	4350	10.0	110353.1	-5454.2
4171	9.8	105042.3	-5446.1	4261	10.0	105712.4	-5432.9	4351	10.0	110401.6	-5440.5
4172	9.1	105044.3	-5434.0	4262	9.8	105712.4	-5456.0	4352	9.6	110405.1	-5423.7
4173	8.6	105045.3	-5453.9	4263	10.0	105717.4	-5431.6	4353	10.0	110405.6	-5445.2
4174	9.2	105053.8	-5400.1	4264	8.3	105719.9	-5446.3	4354	7.7	110411.4	-5402.3
4175	9.6	105054.3	-5447.1	4265	9.6	105721.9	-5405.7	4355	8.8	110415.6	-5437.6
4176	10.1	105054.8	-5410.1	4266	10.0	105741.9	-5403.7	4356	10.0	110419.6	-5410.7
4177	10.0	105056.8	-5421.7	4267	9.8	105743.4	-5418.1	4357	10.0	110423.6	-5409.9
4178	8.8	105100.3	-5413.7	4268	9.4	105751.4	-5445.1	4358	10.0	110424.1	-5457.2
4179	10.0	105100.3	-5445.0	4269	9.8	105751.4	-5443.9	4359	10.0	110430.1	-5422.7
4180	10.1	105102.2	-5451.3	4270	9.1	105751.9	-5405.1	4360	8.9	110431.0	-5433.3
4181	10.0	105111.8	-5453.1	4271	9.6	105752.9	-5422.9	4361	10.0	110435.0	-5402.9
4182	8.2	105114.3	-5412.3	4272	9.6	105752.9	-5423.3	4362	10.0	110439.5	-5457.2
4183	10.1	105117.2	-5448.7	4273	10.0	105754.3	-5401.2	4363	9.4	110446.0	-5433.4
4184	9.4	105119.3	-5433.1	4274	10.0	105802.9	-5412.1	4364	9.5	110446.0	-5418.8
4185	9.2	105121.8	-5431.4	4275	10.0	105805.9	-5431.1	4365	9.6	110450.5	-5447.7
4186	10.1	105126.8	-5420.2	4276	9.8	105811.4	-5447.6	4366	10.0	110456.0	-5423.8
4187	10.1	105131.2	-5443.4	4277	10.0	105823.9	-5403.2	4367	10.0	110500.0	-5428.3
4188	9.6	105136.3	-5403.3	4278	9.0	105825.9	-5407.7	4368	9.8	110501.4	-5401.2
4189	10.0	105146.3	-5435.5	4279	10.0	105828.3	-5423.4	4369	9.8	110506.0	-5438.2
4190	10.1	105148.2	-5436.4	4280	10.0	105831.8	-5423.0	4370	9.4	110511.0	-5439.5
4191	9.8	105149.3	-5439.3	4281	9.0	105832.8	-5424.2	4371	9.8	110514.5	-5441.6
4192	10.1	105152.3	-5423.7	4282	10.0	105833.3	-5442.1	4372	10.0	110520.0	-5443.3
4193	8.8	105153.8	-5447.7	4283	10.0	105835.8	-5444.1	4373	9.0	110529.5	-5436.3
4194	9.6	105157.8	-5443.8	4284	9.5	105846.8	-5420.1	4374	9.8	110534.5	-5427.1
4195	9.6	105207.3	-5448.3	4285	9.5	105849.3	-5411.0	4375	10.0	110536.0	-5433.9
4196	10.1	105209.8	-5413.0	4286	10.0	105859.3	-5427.0	4376	9.8	110539.5	-5403.3
4197	10.1	105220.3	-5435.7	4287	9.8	105903.8	-5424.5	4377	9.8	110540.5	-5435.1
4198	10.0	105221.8	-5431.3	4288	9.8	105911.3	-5407.5	4378	10.0	110546.6	-5427.1
4199	10.0	105221.8	-5447.5	4289	9.4	105914.3	-5457.2	4379	9.4	110551.5	-5445.8
4200	10.1	105243.8	-5426.2	4290	10.0	105915.8	-5401.7	4380	10.0	110554.6	-5411.8
4201	9.6	105245.5	-5457.3	4291	9.3	105918.8	-5440.1	4381	9.4	110607.5	-5405.1
4202	9.2	105250.3	-5425.1	4292	10.0	105919.5	-5458.5	4382	10.0	110611.6	-5436.3
4203	9.6	105305.8	-5452.3	4293	10.0	105920.3	-5449.3	4383	10.0	110612.0	-5457.0
4204	9.4	105306.8	-5403.9	4294	9.8	105920.8	-5434.2	4384	10.0	110613.0	-5421.5
4205	10.0	105308.8	-5418.0	4295	9.6	105926.3	-5419.0	4385	10.0	110627.5	-5453.0
4206	10.1	105312.7	-5459.7	4296	9.8	105929.3	-5439.4	4386	9.3	110639.5	-5450.1
4207	10.0	105313.3	-5442.0	4297	10.0	105937.8	-5400.2	4387	9.6	110650.5	-5444.5
4208	8.8	105322.3	-5416.2	4298	10.0	105941.8	-5433.0	4388	9.8	110705.5	-5458.7
4209	8.6	105328.3	-5451.5	4299	10.0	105943.8	-5406.5	4389	9.6	110712.5	-5417.4
4210	10.0	105333.8	-5438.7	4300	9.8	110005.3	-5446.8	4390	9.6	110717.5	-5436.4
4211	9.8	105334.8	-5430.4	4301	9.8	110005.6	-5402.8	4391	9.4	110725.5	-5441.1
4212	9.4	105335.8	-5412.0	4302	10.0	110013.8	-5415.6	4392	10.0	110731.5	-5426.8
4213	10.0	105336.3	-5407.7	4303	9.8	110013.8	-5442.3	4393	10.0	110747.0	-5406.1
4214	9.6	105339.3	-5428.5	4304	10.0	110015.8	-5442.6	4394	9.8	110748.0	-5443.0
4215	9.6	105340.8	-5427.3	4305	9.8	110017.8	-5446.8	4395	9.8	110751.5	-5443.4
4216	10.1	105342.3	-5427.8	4306	10.0	110019.8	-5449.6	4396	10.0	110754.0	-5405.0
4217	8.2	105345.8	-5413.0	4307	9.6	110022.8	-5429.2	4397	9.0	110756.5	-5445.1
4218	9.0	105400.3	-5448.2	4308	10.0	110032.8	-5459.0	4398	9.6	110757.5	-5445.3
4219	9.1	105401.3	-5449.3	4309	9.4	110034.8	-5442.7	4399	9.6	110803.0	-5437.0
4220	9.8	105408.3	-5434.1	4310	9.4	110044.3	-5432.4	4400	8.6	110809.5	-5450.2
4221	10.1	105414.2	-5447.6	4311	10.0	110101.3	-5432.8	4401	10.0	110812.0	-5426.2
4222	8.4	105419.3	-5421.5	4312	10.0	110102.8	-5425.0	4402	8.5	110814.0	-5449.9
4223	10.1	105425.8	-5441.4	4313	10.0	110107.8	-5440.0	4403	9.8	110814.5	-5406.9
4224	10.1	105429.3	-5442.1	4314	10.0	110108.6	-5458.7	4404	9.2	110818.0	-5442.1
4225	9.6	105433.3	-5429.7	4315	10.0	110118.3	-5424.6	4405	9.8	110830.8	-5410.7
4226	9.0	105443.9	-5457.1	4316	9.6	110126.3	-5445.5	4406	9.6	110831.8	-5408.7
4227	8.6	105449.3	-5459.9	4317	10.0	110127.8	-5403.8	4407	9.6	110835.8	-5423.5
4228	10.1	105452.3	-5440.5	4318	10.0	110129.3	-5402.2	4408	8.7	110842.3	-5428.4
4229	9.6	105453.4	-5459.1	4319	9.6	110131.3	-5444.2	4409	9.5	110843.8	-5444.3
4230	9.6	105455.8	-5427.6	4320	10.0	110131.6	-5409.4	4410	9.8	110859.3	-5438.9
4231	9.5	105500.3	-5433.1	4321	9.3	110134.1	-5422.9	4411	10.0	110913.0	-5438.7
4232	9.6	105500.3	-5413.7	4322	10.0	110144.1	-5403.4	4412	9.6	110913.3	-5415.7
4233	9.4	105501.8	-5420.1	4323	10.0	110146.6	-5455.1	4413	9.8	110927.8	-5455.6
4234	10.0	105509.8	-5410.6	4324	9.6	110149.6	-5400.0	4414	9.6	110929.3	-5444.6
4235	9.6	105511.4	-5410.7	4325	9.1	110156.6	-5437.0	4415	9.6	110938.3	-5428.7
4236	10.0	105511.8	-5401.3	4326	10.0	110201.6	-5447.3	4416	10.0	110946.8	-5413.0
4237	9.6	105516.1	-5459.0	4327	10.0	110203.1	-5451.6	4417	8.9	110953.8	-5403.2
4238	8.3	105522.3	-5441.1	4328	9.8	110207.6	-5446.2	4418	9.0	111004.8	-5444.5
4239	9.2	105523.9	-5411.5	4329	10.0	110208.6	-5412.1	4419	8.2	111023.3	-5431.6
4240	10.1	105531.2	-5419.1	4330	10.0	110222.6	-5458.7	4420	9.5	111025.8	-5432.7
4241	9.4	105539.4	-5424.2	4331	9.1	110223.1	-5404.0	4421	9.6	111027.3	-5432.5
4242	9.5	105540.7	-5401.2	4332	9.6	110225.1	-5409.3	4422	8.6	111031.8	-5416.2
4243	9.6	105543.9	-5414.1	4333	9.8	110241.1	-5442.2	4423	9.6	111032.3	-5410.1
4244	10.1	105547.8	-5431.1	4334	9.5	110245.1	-5406.1	4424	10.0	111032.8	-5450.4
4245	10.1	105553.8	-5425.9	4335	9.6	110254.6	-5427.9	4425	9.8	111038.4	-5402.3
4246	9.1	105554.1	-5454.8	4336	10.0	110301.1	-5400.8	4426	10.0	111044.8	-5442.3
4247	10.1	105554.3	-5414.7	4337	9.6	110314.6	-5402.3	4427	8.6	111059.8	-5452.5
4248	10.1	105559.2	-5433.5	4338	9.0	110315.1	-5440.6	4428	9.6	111101.8	-5404.1
4249	9.6	105605.6	-5433.0	4339	8.6	110319.6	-5414.4	4429	10.0	111104.1	-5402.3
4250	9.8	105606.1	-5456.4	4340	9.4	110324.6	-5437.2	4430	9.8	111111.0	-5429.0
4251	9.6	105620.1	-5444.4	4341	10.0	110329.6	-5408.9	4431	10.0	111111.8	-5408.1
4252	9.8	105623.3	-5453.2	4342	10.0	110329.6	-5444.9	4432	9.8	111115.8	-5421.5
4253	10.0	105626.6	-5430.1	4343	10.0	110332.1	-5422.0	4433	9.5	111116.8	-5432.6
4254	9.6	105630.1	-5420.8	4344	10.0	110336.6	-5428.3	4434	7.6	111121.3	-5405.6
4255	9.6	105631.9	-5405.4	4345	10.0	110342.6	-5424.6	4435	9.6	111124.3	-5434.6
4256	10.0	105649.4	-5416.0	4346	9.5	110343.6	-5429.8	4436	7.8	111127.0	-5456.5
4257	9.5	105700.9	-5421.6	4347	10.0	110347.6	-5446.1	4437	9.2	111127.3	-5429.0
4258	9.6	105701.4	-5411.0	4348	9.8	110348.6	-5423.8	4438	10.0	111136.3	-5440.7
4259	9.8	105702.9	-5455.4	4349	10.0	110351.1	-5453.1	4439	9.4	111138.8	-5448.2
4520	9.8	111912.4	-5426.2								
4521	9.5	111917.4	-5459.9								
4522	10.0	111926.4	-5419.8								
4523	9.6	111928.9	-5409.6								
4524	9.8	111937.4	-5428.4								
4525	9.3	111938.9	-5422.0								
4526	9.6	111945.4	-5421.8								
4527	10.0	111955.4	-5402.5								
4528	9.0	111955.9	-5442.0								
4529	10.0	111957.9	-5443.6								

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4530	9.6	112003.9	-5440.1
4531	9.8	112004.4	-5454.4
4532	10.0	112009.8	-5443.2
4533	9.1	112010.9	-5419.6
4534	10.0	112018.7	-5450.2
4535	10.0	112020.2	-5450.5
4536	9.8	112027.7	-5456.0
4537	10.0	112035.7	-5423.0
4538	8.8	112044.7	-5447.3
4539	9.5	112045.2	-5403.8
4540	9.6	112059.2	-5450.2
4541	9.6	112108.7	-5410.4
4542	10.0	112110.7	-5409.7
4543	9.4	112110.7	-5409.8
4544	9.8	112115.7	-5447.4
4545	10.0	112122.2	-5400.8
4546	9.4	112123.7	-5431.7
4547	9.8	112140.2	-5433.9
4548	9.8	112154.7	-5451.4
4549	10.0	112200.2	-5426.9
4550	10.0	112208.7	-5412.0
4551	10.0	112224.2	-5430.5
4552	9.8	112231.7	-5404.2
4553	9.6	112236.2	-5424.1
4554	10.0	112238.7	-5450.4
4555	10.0	112239.7	-5451.6
4556	9.8	112240.2	-5412.7
4557	7.7	112249.7	-5411.7
4558	9.5	112259.2	-5430.0
4559	9.0	112300.2	-5412.0
4560	10.0	112304.7	-5440.9
4561	9.8	112310.7	-5429.9
4562	10.0	112313.7	-5410.2
4563	9.0	112316.7	-5413.8
4564	10.0	112316.9	-5458.7
4565	10.0	112320.2	-5444.0
4566	9.4	112322.2	-5443.1
4567	9.8	112338.2	-5412.5
4568	9.3	112342.7	-5401.3
4569	10.0	112400.7	-5421.8
4570	8.9	112404.7	-5437.8
4571	9.0	112408.7	-5436.2
4572	8.3	112408.7	-5434.4
4573	10.0	112409.7	-5420.0
4574	8.6	112418.5	-5452.2
4575	10.0	112423.8	-5457.8
4576	10.0	112429.8	-5457.8
4577	10.0	112434.5	-5420.1
4578	10.0	112440.3	-5459.9
4579	10.0	112452.0	-5433.4
4580	9.6	112454.5	-5419.9
4581	9.6	112454.5	-5451.5
4582	9.8	112510.0	-5445.7
4583	9.8	112511.5	-5433.9
4584	10.0	112518.0	-5419.6
4585	9.5	112518.5	-5448.6
4586	9.4	112524.0	-5411.9
4587	9.8	112525.0	-5432.0
4588	10.0	112531.5	-5436.7
4589	9.6	112542.5	-5438.1
4590	9.6	112546.5	-5438.1
4591	8.5	112550.5	-5404.0
4592	10.0	112603.5	-5428.4
4593	10.0	112605.0	-5427.2
4594	9.8	112608.5	-5445.8
4595	9.8	112614.0	-5404.6
4596	9.4	112625.3	-5401.1
4597	10.0	112629.0	-5432.9
4598	10.0	112630.0	-5457.9
4599	9.5	112631.5	-5408.5
4600	10.0	112636.5	-5456.7
4601	9.8	112639.5	-5450.0
4602	10.0	112650.0	-5449.6
4603	9.4	112655.5	-5424.5
4604	9.4	112700.0	-5420.8
4605	9.8	112704.0	-5407.6
4606	10.0	112707.5	-5440.9
4607	8.9	112711.9	-5457.5
4608	10.0	112721.9	-5452.0
4609	9.6	112731.6	-5442.9
4610	9.6	112734.6	-5441.9
4611	9.3	112739.6	-5423.7
4612	9.6	112743.4	-5443.2
4613	9.6	112743.6	-5427.2
4614	9.5	112752.1	-5450.9
4615	9.4	112753.6	-5411.1
4616	9.6	112756.6	-5444.2
4617	10.0	112800.2	-5448.6
4618	9.3	112805.4	-5438.9
4619	10.0	112809.6	-5426.0
4620	10.0	112817.1	-5441.1
4621	10.0	112817.1	-5414.1
4622	10.0	112818.6	-5405.7
4623	10.0	112818.9	-5411.5
4624	9.6	112820.9	-5414.1
4625	10.0	112821.1	-5408.9
4626	10.0	112822.5	-5415.3
4627	9.9	112829.6	-5446.1
4628	9.6	112830.8	-5451.9
4629	9.8	112831.1	-5422.8
4630	9.9	112832.1	-5442.0
4631	9.9	112839.1	-5444.3
4632	9.6	112841.6	-5426.0
4633	9.8	112854.6	-5447.9
4634	9.3	112858.1	-5420.7
4635	9.4	112900.1	-5428.8
4636	9.8	112902.6	-5409.8
4637	9.9	112904.1	-5408.1
4638	9.8	112918.1	-5457.7
4639	9.4	112920.1	-5425.3
4640	9.9	112930.6	-5429.8
4641	9.9	112931.1	-5425.6
4642	9.6	112931.1	-5424.1
4643	9.2	112934.1	-5458.0
4644	9.6	112948.1	-5440.8
4645	9.2	112957.6	-5404.4
4646	9.3	113000.6	-5443.2
4647	9.6	113009.6	-5417.1
4648	9.8	113011.6	-5424.9
4649	9.4	113022.6	-5433.6
4650	9.4	113024.1	-5449.0
4651	9.9	113042.6	-5412.9
4652	8.7	113044.6	-5427.6
4653	9.4	113047.1	-5414.9
4654	9.9	113050.1	-5413.8
4655	9.8	113051.1	-5447.8
4656	9.9	113052.6	-5434.6
4657	9.8	113056.1	-5456.4
4658	9.2	113106.6	-5438.8
4659	9.8	113109.1	-5431.9
4660	9.5	113112.6	-5446.2
4661	9.9	113112.6	-5423.5
4662	8.6	113113.1	-5454.3
4663	9.9	113121.1	-5428.1
4664	9.8	113124.1	-5402.8
4665	8.9	113133.0	-5444.5
4666	9.9	113141.0	-5420.9
4667	9.9	113142.5	-5409.3
4668	9.9	113145.5	-5443.7
4669	9.8	113150.0	-5417.5
4670	9.9	113150.8	-5421.6
4671	9.3	113154.5	-5433.9
4672	8.6	113203.0	-5400.7
4673	9.3	113209.0	-5450.9
4674	9.3	113211.5	-5437.0
4675	9.6	113213.0	-5421.0
4676	9.3	113219.0	-5452.5
4677	9.3	113227.0	-5440.5
4678	9.9	113233.5	-5432.0
4679	9.9	113234.5	-5424.9
4680	8.8	113241.0	-5418.1
4681	9.4	113251.0	-5433.6
4682	9.4	113254.5	-5414.0
4683	9.8	113259.0	-5436.0
4684	9.4	113313.0	-5451.2
4685	9.8	113313.5	-5415.2
4686	9.4	113317.0	-5404.7
4687	9.6	113323.0	-5435.2
4688	9.6	113323.5	-5428.5
4689	9.6	113325.8	-5413.0
4690	9.9	113331.5	-5422.5
4691	9.0	113338.5	-5455.2
4692	8.2	113339.0	-5418.2
4693	9.8	113353.8	-5406.7
4694	9.2	113353.9	-5459.9
4695	9.4	113354.0	-5415.6
4696	9.5	113355.5	-5452.4
4697	9.5	113404.0	-5447.9
4698	9.9	113406.0	-5440.9
4699	9.6	113407.5	-5406.9
4700	9.9	113412.5	-5452.4
4701	9.6	113421.0	-5420.6
4702	9.6	113422.0	-5456.3
4703	9.6	113424.0	-5418.4
4704	9.3	113432.5	-5441.6
4705	9.6	113438.1	-5415.2
4706	8.7	113452.1	-5424.3
4707	8.0	113458.6	-5453.0
4708	9.3	113500.6	-5422.8
4709	9.9	113504.6	-5427.9

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4710	9.3	113507.6	-5408.9
4711	9.9	113510.4	-5458.4
4712	9.6	113517.6	-5428.5
4713	9.9	113540.6	-5409.3
4714	9.9	113548.6	-5400.2
4715	9.9	113551.5	-5410.9
4716	9.3	113552.1	-5452.0
4717	9.9	113601.6	-5420.2
4718	9.2	113609.1	-5425.7
4719	9.2	113609.1	-5459.8
4720	9.8	113642.6	-5412.3
4721	9.2	113656.1	-5412.7
4722	9.8	113702.6	-5436.0
4723	9.4	113707.6	-5428.8
4724	9.8	113710.5	-5415.9
4725	8.6	113714.1	-5453.6
4726	9.9	113715.6	-5410.5
4727	9.4	113729.6	-5427.0
4728	8.3	113731.6	-5430.1
4729	9.8	113733.1	-5446.8
4730	9.9	113740.6	-5408.7
4731	9.4	113743.6	-5410.2
4732	9.5	113747.6	-5442.1
4733	9.3	113754.1	-5440.6
4734	8.7	113757.6	-5441.9
4735	9.9	113803.5	-5431.3
4736	9.2	113803.6	-5410.9
4737	9.8	113812.6	-5434.1
4738	9.8	113817.7	-5458.8
4739	9.6	113819.1	-5401.0
4740	9.8	113820.6	-5412.3
4741	9.9	113824.1	-5434.3
4742	9.9	113829.9	-5416.4
4743	8.1	113846.6	-5446.1
4744	9.9	113849.1	-5419.3
4745	9.6	113852.1	-5443.9
4746	9.3	113902.6	-5426.1
4747	9.4	113906.1	-5415.5
4748	9.6	113911.4	-5402.5
4749	9.5	113922.1	-5447.2
4750	9.9	113924.1	-5454.0
4751	9.5	113926.6	-5443.9
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4787	9.9	114303.4	-5406.0
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4977 9.4 120038.5 -5427.4	5067 9.9 120740.4 -5405.0	5157 9.9 121558.9 -5433.0	5247 9.7 122658.9 -5418.0
4978 8.8 120042.0 -5429.7	5068 9.4 120745.9 -5423.4	5158 9.7 121606.4 -5437.3	5248 9.4 122700.9 -5408.8
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5252	9.8	122742.4	-5404.7
5253	9.6	122750.4	-5405.6
5254	9.7	122752.9	-5452.0
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5267	9.9	122918.4	-5418.9
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5271	9.2	122955.4	-5415.6
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5279	8.8	123115.1	-5413.1
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5282	9.8	123130.4	-5456.2
5283	9.9	123144.1	-5441.3
5284	8.8	123154.9	-5418.0
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5286	9.9	123202.4	-5424.5
5287	9.9	123202.8	-5449.4
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5289	8.5	123220.2	-5457.9
5290	9.7	123239.3	-5414.5
5291	9.7	123243.2	-5439.1
5292	9.7	123250.8	-5443.9
5293	9.6	123255.3	-5412.5
5294	9.2	123256.3	-5421.1
5295	9.6	123256.7	-5458.3
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5297	9.7	123313.5	-5459.9
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5301	9.4	123404.7	-5442.1
5302	9.0	123408.2	-5425.5
5303	8.6	123412.2	-5438.5
5304	9.6	123413.2	-5456.9
5305	9.7	123420.2	-5452.3
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5307	9.2	123509.2	-5421.7
5308	9.7	123514.2	-5447.3
5309	9.2	123531.7	-5400.6
5310	9.2	123541.6	-5436.8
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5312	9.4	123609.6	-5449.6
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5317	9.2	123711.1	-5403.0
5318	9.7	123722.1	-5441.6
5319	9.2	123735.6	-5437.7
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5333	9.7	124057.1	-5406.2
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5335	9.4	124127.6	-5446.1
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5345	9.3	124319.0	-5400.7
5346	8.0	124352.0	-5443.7
5347	9.4	124413.0	-5439.9
5348	9.6	124422.5	-5439.0
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5350	9.2	124431.5	-5452.7
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5354	9.6	124454.5	-5402.5
5355	8.6	124459.0	-5410.9
5356	9.7	124501.9	-5443.3
5357	9.3	124510.0	-5411.0
5358	9.6	124525.0	-5437.8
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5360	7.7	124551.5	-5416.3
5361	9.6	124551.5	-5432.0
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5365	9.3	124655.0	-5456.2
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5373	9.2	124836.5	-5452.6
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5378	9.6	124903.9	-5434.8
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5382	9.7	124931.5	-5405.9
5383	9.4	124947.0	-5425.2
5384	9.7	125032.4	-5425.2
5385	8.6	125039.9	-5406.0
5386	9.0	125041.9	-5434.2
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5388	9.7	125057.9	-5442.6
5389	8.8	125111.9	-5428.2
5390	9.0	125123.9	-5430.5
5391	9.0	125128.4	-5441.8
5392	9.3	125134.6	-5459.5
5393	9.6	125151.6	-5401.4
5394	9.7	125151.9	-5458.1
5395	8.6	125155.6	-5402.2
5396	9.6	125206.9	-5415.8
5397	9.6	125216.4	-5437.0
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5399	9.4	125247.9	-5456.4
5400	8.8	125255.4	-5414.8
5401	9.7	125309.9	-5412.8
5402	9.0	125321.9	-5424.6
5403	9.2	125331.4	-5408.1
5404	9.7	125339.4	-5419.0
5405	9.6	125341.4	-5417.0
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5409	8.4	125432.4	-5454.0
5410	9.0	125434.4	-5443.3
5411	9.7	125435.9	-5404.1
5412	8.8	125439.7	-5402.8
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5415	9.4	125459.9	-5400.5
5416	9.7	125506.9	-5456.4
5417	9.4	125511.9	-5429.9
5418	9.2	125513.4	-5419.0
5419	9.7	125519.9	-5438.7
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5421	8.8	125600.0	-5455.3
5422	9.3	125609.5	-5414.0
5423	9.6	125611.5	-5435.6
5424	9.7	125627.5	-5446.0
5425	9.7	125640.0	-5457.7
5426	9.7	125641.5	-5430.9
5427	9.6	125646.0	-5401.0
5428	9.4	125702.0	-5431.3
5429	9.6	125721.0	-5434.9
5430	9.4	125723.5	-5456.2
5431	9.6	125809.5	-5420.9
5432	9.7	125816.5	-5452.2
5433	9.7	125821.0	-5446.3
5434	8.8	125823.0	-5440.6
5435	9.7	125839.5	-5446.3
5436	9.3	125842.5	-5422.2
5437	8.0	125847.1	-5456.6
5438	9.6	125901.5	-5425.2
5439	9.6	125905.0	-5407.0
5440	9.6	125946.5	-5447.9
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5445	8.6	130020.0	-5450.7
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5448	9.7	130108.5	-5431.0
5449	9.6	130111.0	-5422.7
5450	9.0	130121.2	-5457.6
5451	9.7	130125.2	-5458.2
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5456	9.7	130209.3	-5407.0
5457	9.4	130212.7	-5448.0
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5460	9.7	130247.2	-5412.9
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5466	9.4	130328.2	-5424.0
5467	9.0	130333.7	-5456.8
5468	9.7	130335.2	-5431.0
5469	8.9	130337.7	-5442.1
5470	9.0	130340.4	-5450.8
5471	9.6	130354.9	-5421.6
5472	7.4	130356.4	-5441.4
5473	9.3	130401.8	-5436.6
5474	9.1	130408.0	-5427.9
5475	9.6	130423.0	-5445.1
5476	9.8	130427.8	-5439.2
5477	9.3	130437.8	-5431.7
5478	9.9	130438.0	-5418.7
5479	9.8	130501.5	-5408.3
5480	9.6	130502.0	-5431.9
5481	8.6	130514.0	-5426.6
5482	9.8	130536.0	-5422.8
5483	9.3	130539.5	-5402.6
5484	9.6	130552.5	-5445.3
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5486	9.4	130618.5	-5408.0
5487	9.2	130633.0	-5411.7
5488	9.4	130634.2	-5400.8
5489	8.7	130634.2	-5401.9
5490	9.2	130641.5	-5405.3
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5524	9.8	131027.0	-5420.3
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5544	9.6	131213.0	-5419.6
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5546	9.9	131216.5	-5458.0
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5568	9.9	131451.0	-5423.9
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5570	9.4	131510.0	-5432.9
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5588	8.6	131757.3	-5400.6
5589	9.7	131802.0	-5428.6
5590	9.2	131820.0	-5435.3
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-54 5610 13h21m

-54 5969 14h12m

5610	9.4	132146.5	-5449.8	5700	9.6	133447.0	-5442.2	5790	8.9	134644.6	-5428.2
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5620	9.6	132244.5	-5455.1	5710	9.2	133615.1	-5435.8	5800	9.4	134747.6	-5436.9
5621	9.6	132255.5	-5446.7	5711	9.7	133615.3	-5403.4	5801	10.0	134753.1	-5416.6
5622	9.6	132308.0	-5412.7	5712	9.9	133620.0	-5441.2	5802	9.1	134754.6	-5405.7
5623	9.2	132310.0	-5419.3	5713	9.9	133621.5	-5449.5	5803	10.0	134755.1	-5438.2
5624	9.2	132329.5	-5436.7	5714	9.8	133630.6	-5410.1	5804	10.0	134756.5	-5458.8
5625	9.9	132334.0	-5433.0	5715	9.6	133631.5	-5414.0	5805	9.8	134800.6	-5451.8
5626	9.9	132348.5	-5435.9	5716	9.7	133634.6	-5403.5	5806	7.4	134819.6	-5405.0
5627	9.1	132409.0	-5425.7	5717	9.4	133659.6	-5434.6	5807	9.8	134828.8	-5402.4
5628	9.3	132424.0	-5409.0	5718	9.2	133714.1	-5441.6	5808	9.0	134835.6	-5414.6
5629	9.9	132424.5	-5425.4	5719	9.6	133719.1	-5432.0	5809	10.0	134836.6	-5414.9
5630	9.8	132426.5	-5440.6	5720	9.4	133728.1	-5406.5	5810	9.7	134837.6	-5416.2
5631	9.3	132440.0	-5400.7	5721	10.0	133731.1	-5441.0	5811	9.6	134840.6	-5442.6
5632	9.2	132441.0	-5452.3	5722	9.4	133735.8	-5457.6	5812	9.4	134849.1	-5426.6
5633	9.9	132442.0	-5409.2	5723	10.0	133750.6	-5443.1	5813	10.0	134901.1	-5458.3
5634	9.3	132443.0	-5404.2	5724	10.0	133758.1	-5426.1	5814	10.0	134904.6	-5409.4
5635	9.4	132453.5	-5437.4	5725	7.0	133810.1	-5403.3	5815	10.0	134927.1	-5416.4
5636	9.4	132455.0	-5403.9	5726	9.6	133816.6	-5452.4	5816	9.6	134934.6	-5421.2
5637	9.9	132511.7	-5459.8	5727	10.0	133829.1	-5445.6	5817	9.8	134940.6	-5453.4
5638	9.0	132533.0	-5414.1	5728	9.8	133834.1	-5446.0	5818	9.4	134943.6	-5443.2
5639	9.8	132537.0	-5414.4	5729	9.6	133844.1	-5445.9	5819	10.0	134948.1	-5401.2
5640	9.4	132538.5	-5447.8	5730	8.8	133851.1	-5422.7	5820	10.0	135002.9	-5410.3
5641	9.9	132600.5	-5426.6	5731	9.4	133905.6	-5409.0	5821	9.1	135007.6	-5427.0
5642	9.4	132600.5	-5425.1	5732	9.0	133915.6	-5411.9	5822	9.6	135018.1	-5414.5
5643	9.4	132603.0	-5404.7	5733	8.7	133925.6	-5437.6	5823	10.0	135019.1	-5404.1
5644	9.6	132609.0	-5455.3	5734	9.8	133926.1	-5417.2	5824	9.6	135023.1	-5452.2
5645	9.9	132610.0	-5452.2	5735	9.8	133931.6	-5425.1	5825	9.0	135026.1	-5413.9
5646	9.9	132624.0	-5440.0	5736	9.6	133948.6	-5415.4	5826	8.8	135026.1	-5438.3
5647	8.8	132629.8	-5400.2	5737	10.0	133957.1	-5439.8	5827	10.0	135026.6	-5430.3
5648	9.4	132650.5	-5447.7	5738	10.0	134014.1	-5423.6	5828	9.6	135045.6	-5423.4
5649	9.4	132703.5	-5439.6	5739	9.6	134014.6	-5445.3	5829	10.0	135050.6	-5425.2
5650	8.8	132720.0	-5426.2	5740	8.2	134023.9	-5459.3	5830	10.0	135112.1	-5425.9
5651	9.8	132731.5	-5442.9	5741	10.0	134025.6	-5436.5	5831	10.0	135116.1	-5442.3
5652	9.8	132734.5	-5435.1	5742	9.0	134036.6	-5413.1	5832	10.0	135119.6	-5451.6
5653	9.8	132744.0	-5449.6	5743	9.6	134049.1	-5441.1	5833	9.7	135138.1	-5406.9
5654	9.6	132744.9	-5417.3	5744	9.4	134050.6	-5435.3	5834	9.6	135138.1	-5408.3
5655	9.4	132752.5	-5447.1	5745	9.2	134108.1	-5445.3	5835	9.4	135155.1	-5420.2
5656	9.4	132758.0	-5422.4	5746	10.0	134117.1	-5424.0	5836	10.0	135201.1	-5443.4
5657	9.7	132758.5	-5421.6	5747	9.4	134127.1	-5442.4	5837	9.4	135212.1	-5443.1
5658	9.4	132800.0	-5401.5	5748	9.4	134133.3	-5459.2	5838	9.8	135221.1	-5408.5
5659	9.4	132801.5	-5438.3	5749	9.2	134137.6	-5432.2	5839	10.0	135230.1	-5449.4
5660	9.7	132801.5	-5403.4	5750	10.0	134140.6	-5440.7	5840	9.2	135239.1	-5421.1
5661	9.9	132807.0	-5429.1	5751	9.0	134152.6	-5456.2	5841	10.0	135241.1	-5411.7
5662	8.7	132810.0	-5417.8	5752	9.6	134157.1	-5446.2	5842	10.0	135249.6	-5415.0
5663	8.8	132816.0	-5437.0	5753	10.0	134210.6	-5435.0	5843	9.8	135254.1	-5449.9
5664	8.9	132821.5	-5403.4	5754	9.7	134226.6	-5403.6	5844	10.0	135301.6	-5407.7
5665	9.7	132839.5	-5414.3	5755	9.4	134227.8	-5459.7	5845	10.0	135303.1	-5412.9
5666	9.2	132855.0	-5421.0	5756	9.4	134232.1	-5447.1	5846	10.0	135305.3	-5401.5
5667	9.6	132857.0	-5451.4	5757	9.6	134232.6	-5417.0	5847	10.0	135318.6	-5448.0
5668	9.4	132906.5	-5424.5	5758	9.8	134238.1	-5412.5	5848	9.8	135328.1	-5433.9
5669	9.4	132908.0	-5424.9	5759	9.7	134315.8	-5459.2	5849	9.4	135331.1	-5415.6
5670	9.6	132927.5	-5408.0	5760	10.0	134317.7	-5452.8	5850	9.4	135335.6	-5422.8
5671	9.9	132929.0	-5449.1	5761	9.6	134325.8	-5459.1	5851	9.4	135350.6	-5451.7
5672	9.8	132929.5	-5435.5	5762	9.6	134337.6	-5449.7	5852	9.8	135353.1	-5431.3
5673	9.4	132942.5	-5433.0	5763	9.6	134343.1	-5440.6	5853	8.8	135402.6	-5446.5
5674	9.8	132944.0	-5421.7	5764	10.0	134351.6	-5448.2	5854	9.6	135416.6	-5433.1
5675	9.8	132947.5	-5447.1	5765	9.7	134352.1	-5413.6	5855	10.0	135423.1	-5406.9
5676	9.4	132955.5	-5405.9	5766	10.0	134414.6	-5453.9	5856	9.2	135429.6	-5413.7
5677	9.4	133004.0	-5408.3	5767	10.0	134420.7	-5424.3	5857	9.2	135438.6	-5408.4
5678	9.4	133016.5	-5456.1	5768	9.4	134423.1	-5443.2	5858	10.0	135439.6	-5424.5
5679	9.2	133023.1	-5400.1	5769	10.0	134424.6	-5444.2	5859	9.2	135440.6	-5444.8
5680	7.8	133056.0	-5423.2	5770	10.0	134425.1	-5408.7	5860	9.4	135448.1	-5424.1
5681	9.1	133111.0	-5417.5	5771	9.6	134425.4	-5457.2	5861	9.8	135450.1	-5416.0
5682	9.3	133121.0	-5437.4	5772	8.8	134429.6	-5455.3	5862	10.0	135450.6	-5410.1
5683	9.8	133131.0	-5421.8	5773	9.8	134431.1	-5446.1	5863	9.2	135450.6	-5445.0
5684	9.4	133132.0	-5434.6	5774	10.0	134457.1	-5429.6	5864	10.0	135501.6	-5455.3
5685	8.8	133133.5	-5441.2	5775	8.6	134501.6	-5427.1	5865	9.4	135502.1	-5449.1
5686	9.6	133135.5	-5412.7	5776	8.4	134535.9	-5456.3	5866	9.8	135505.1	-5436.4
5687	8.8	133139.0	-5408.9	5777	9.8	134539.6	-5434.4	5867	10.0	135507.6	-5414.5
5688	9.4	133144.0	-5446.0	5778	10.0	134540.6	-5452.1	5868	10.0	135522.1	-5400.1
5689	9.4	133228.5	-5419.1	5779	9.2	134549.1	-5416.5	5869	10.0	135526.8	-5425.0
5690	9.9	133245.5	-5432.1	5780	10.0	134614.6	-5400.9	5870	10.0	135527.6	-5444.3
5691	8.6	133258.0	-5411.0	5781	9.1	134619.6	-5400.0	5871	9.4	135531.6	-5409.5
5692	9.8	133308.5	-5454.3	5782	10.0	134620.6	-5431.6	5872	9.4	135540.6	-5431.5
5693	9.9	133321.5	-5406.1	5783	8.2	134622.1	-5427.2	5873	9.8	135546.6	-5427.4
5694	9.8	133335.5	-5416.2	5784	9.4	134627.1	-5420.1	5874	9.6	135555.1	-5432.3
5695	8.5	133344.5	-5424.6	5785	10.0	134636.1	-5443.7	5875	9.6	135555.6	-5441.6
5696	8.8	133355.0	-5416.0	5786	9.7	134637.1	-5420.6	5876	9.2	135600.6	-5422.7
5697	9.9	133356.5	-5403.5	5787	10.0	134639.1	-5454.5	5877	9.6	135610.6	-5453.5
5698	9.3	133400.0	-5420.2	5788	8.2	134641.1	-5451.5	5878	9.8	135614.6	-5457.2
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5880	9.8	135632.1	-5454.2	5890	9.1	135741.6	-5458.7	5900	8.9	135950.2	-5445.3
5881	9.6	135638.1	-5424.0	5891	9.6	135754.7	-5447.4	5901	10.0	135953.2	-5438.9
5882	10.0	135640.6	-5414.8	5892	9.0	135759.2	-5418.1	5902	10.0	140002.2	-5441.3
5883	8.7	135646.3	-5458.2	5893	10.0	135812.2	-5416.1	5903	9.4	140007.2	-5421.0
5884	9.6	135655.1	-5405.7	5894	9.6	135818.7	-5422.9	5904	10.0	140010.5	-5443.1
5885	9.8	135703.1	-5409.9	5895	10.0	135826.2	-5446.5	5905	10.0	140029.2	-5417.7
5886	9.4	135719.1	-5427.9	5896	9.6	135839.2	-5413.7	5906	9.4	140032.7	-5411.2
5887	7.2	135725.1	-5404.1	5897	9.4	135850.2	-5416.9	5907	10.0	140041.5	-5426.2
5888	9.7	135735.1	-5424.3	5898	9.8	135925.2	-5457.9	5908	8.2	140100.2	-5446.1
5889	9.6	135737.1	-5414.3	5899	10.0	135940.2	-5407.5	5909	9.6	140111.7	-5431.3
5890	9.1	135741.6	-5458.7					5910	9.7	140200.2	-5424.2
5891	9.6	135754.7	-5447.4					5911	9.6	140211.2	-5424.8
5892	9.0	135759.2	-5418.1					5912	10.0	140228.2	-5454.2
5893	10.0	135812.2	-5416.1					5913	7.6	140232.7	-5451.3
5894	9.6	135818.7	-5422.9					5914	8.9	140234.2	-5418.2
5895	10.0	135826.2	-5446.5					5915	8.4	140253.7	-5402.3
5896	9.6	135839.2	-5413.7					5916	9.4	140258.7	-5425.1
5897	9.4	135850.2	-5416.9					5917	10.0	140308.7	-5455.0
5898	9.8	135925.2	-5457.9					5918	10.0	140309.2	-5408.1
5899	10.0	135940.2	-5407.5					5919	9.6	140350.7	-5434.5
5900	8.9	135950.2	-5445.3					5920	8.7	140354.2	-5430.4
5901	10.0	135953.2	-5438.9					5921	8.6	140404.2	-5453.3
5902	10.0	140002.2	-5441.3					5922	9.8	140414.2	-5425.6
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5904	10.0	140010.5	-5443.1					5924	9.8	140428.7	-5407.2
5905	10.0	140029.2	-5417.7					5925	8.6	140429.2	-5444.6
5906	9.4	140032.7	-5411.2					5926	9.8	140435.2	-5448.4
5907	10.0	140041.5	-5426.2					5927	10.0	140436.7	-5459.7
5908	8.2	140100.2	-5446.1					5928	9.8	140437.7	-5416.1
5909	9.6	140111.7	-5431.3					5929	9.2	140440.7	-5454.2
5910	9.7	140200.2	-5424.2					5930	8.7	140448.7	-5417.8
5911	9.6	140211.2	-5424.8					5931	10.0	140448.7	-5407.9
5912	10.0	140228.2	-5454.2					5932	9.7	140456.7	-5430.7
5913	7.6	140232.7	-5451.3					5933	7.2	140510.7	-5402.3
5914	8.9	140234.2	-5418.2					5934	10.0	140518.7	-5426.5
5915	8.4	140253.7	-5402.3					5935	9.7	140521.2	-5415.1
5916	9.4	140258.7	-5425.1					5936	10.0	140547.7	-5453.1
5917	10.0	140308.7	-5455.0					5937	10.0	140640.2	-5450.0
5918	10.0	140309.2	-5408.1					5938	10.0	140654.2	-5425.1
5919	9.6	140350.7	-5434.5					5939	9.4	140716.5	-5437.3
5920	8.7	140354.2	-5430.4					5940	10.0	140743.5	-5456.2
5921	8.6	140404.2	-5453.3					5941	10.2	140801.3	-5413.2
5922	9.8	140414.2	-5425.6					5942	10.0	140816.2	-5427.9
5923	9.7	140420.2	-5434.9					5943	10.0	140829.2	-5424.1
5924	9.8	140428.7	-5407.2					5944	8.2	140830.5	-5456.4
5925	8.6	140429.2	-5444.6					5945	10.2	140831.8	-5413.4
5926	9.8	140435.2	-5448.4					5946	10.2	140849.8	-5444.7
5927	10.0	140436.7	-5459.7					5947	10.2	140856.1	-5409.2
5928	9.8	140437.7	-5416.1					5948	9.4	140858.8	-5441.8
5929	9.2	140440.7	-5454.2					5949	9.8	140913.3	-5421.2
5930	8.7	140448.7	-5417.8					5950	9.2	140938.3	-5441.0
5931	10.0	140448.7	-5407.9					5951	9.6	141030.8	-5453.8
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5933	7.2	140510.7	-5402.3					5953	10.0	141031.8	-5433.3
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5935	9.7	140521.2	-5415.1					5955	9.8	141042.8	-5421.0
5936	10.0	140547.7	-5453.1					5956	9.0	141045.8	-5435.7
5937	10.0	140640.2	-5450.0					5957	10.2	141052.8	-5419.8
5938	10.0	140654.2	-5425.1					5958	9.4	141058.3	-5454.0
5939	9.4	140716.5	-5437.3					5959	9.6	141110.3	-5437.1
5940	10.0	140743.5	-5456.2					5960	9.6	141113.3	-5448.4
5941	10.2	140801.3	-5413.2					5961	10.2	141130.8	-5451.1
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5944	8.2	140830.5	-5456.4					5964	10.0	141150.8	-5422.8
5945	10.2	140831.8	-5413.4					5965	9.0	141204.3	-5441.6
5946	10.2	140849.8	-5444.7					5966	9.5	141204.3	-5452.4
5947	10.2	140856.1	-5409.2					5967	8.2	141226.8	-5457.2
5948	9.4	140858.8	-5441.8					5968	9.8	141234.3	-5439.8
5949	9.8	140913.3	-5421.2					5969	8.8	141250.8	-5431.6

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5970	9.5	141300.8	-5452.0
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5992	9.4	141650.8	-5413.6
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5997	10.2	141707.8	-5425.8
5998	9.5	141711.3	-5414.0
5999	10.0	141712.8	-5413.3
6000	9.4	141720.8	-5413.7
6001	10.2	141722.8	-5414.3
6002	10.0	141726.7	-5400.6
6003	9.0	141740.3	-5441.5
6004	9.4	141754.3	-5405.1
6005	8.0	141810.3	-5439.5
6006	10.2	141826.3	-5404.6
6007	10.2	141832.8	-5430.3
6008	10.2	141837.3	-5423.3
6009	9.8	141838.8	-5406.7
6010	10.2	141849.3	-5433.1
6011	9.5	141850.8	-5409..
6012	9.6	141856.3	-5452.8
6013	9.8	141902.8	-5425.6
6014	9.4	141908.8	-5416.0
6015	8.6	141911.8	-5454.5
6016	9.2	141914.3	-5427.5
6017	9.8	141928.8	-5414.:
6018	10.0	141932.3	-5430.'
6019	9.6	141936.8	-5424.(
6020	9.6	141943.3	-5425.9
6021	7.8	141957.8	-5439.5
6022	10.4	142006.3	-5433.5
6023	9.2	142017.8	-5446.3
6024	8.8	142106.3	-5443.3
6025	10.2	142112.8	-5453.3
6026	9.8	142119.8	-5438.3
6027	10.0	142119.8	-5412.1
6028	10.0	142122.3	-5442.1
6029	10.0	142140.8	-5438.0
6030	10.0	142140.8	-5446.0
6031	9.5	142157.3	-5437.2
6032	9.5	142208.8	-5440.9
6033	9.8	142210.8	-5413.2
6034	10.2	142211.3	-5443.1
6035	10.0	142221.3	-5441.4
6036	8.5	142232.3	-5431.0
6037	9.8	142240.8	-5453.6
6038	9.4	142301.3	-5432.1
6039	9.8	142306.3	-5438.3
6040	10.2	142313.3	-5439.0
6041	10.2	142323.3	-5407.9
6042	9.8	142332.2	-5400.4
6043	9.6	142339.3	-5419.3
6044	7.4	142342.3	-5454.6
6045	8.7	142401.3	-5440.3
6046	10.0	142413.3	-5423.1
6047	10.2	142423.3	-5432.3
6048	9.5	142428.8	-5433.7
6049	8.9	142435.3	-5434.0
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6051	9.5	142440.3	-5433.6
6052	10.2	142443.8	-5413.1
6053	6.9	142446.3	-5426.7
6054	9.5	142450.8	-5459.4
6055	9.4	142500.8	-5409.5
6056	10.2	142510.8	-5410.9
6057	10.0	142532.8	-5405.9
6058	9.5	142546.8	-5421.3
6059	9.4	142550.8	-5422.1
6060	10.2	142611.8	-5415.9
6061	9.8	142615.8	-5454.2
6062	10.2	142624.8	-5421.9
6063	9.5	142630.8	-5446.4
6064	10.2	142630.8	-5419.0
6065	10.0	142638.3	-5457.6
6066	8.6	142644.3	-5456.4
6067	9.4	142655.8	-5403.5
6068	9.4	142704.3	-5435.2
6069	9.2	142706.8	-5406.8
6070	9.8	142714.3	-5442.0
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6077	10.2	142814.1	-5401.6
6078	9.0	142822.8	-5441.0
6079	8.6	142830.3	-5421.0
6080	9.4	142832.8	-5450.1
6081	9.8	142848.3	-5455.2
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6084	9.6	142909.3	-5450.6
6085	9.6	142910.8	-5415.2
6086	10.2	142920.8	-5411.0
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6088	8.8	142936.8	-5431.4
6089	9.4	143000.8	-5435.3
6090	10.2	143008.1	-5437.4
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6092	9.8	143041.3	-5437.1
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6094	9.4	143050.8	-5402.4
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6096	9.8	143102.3	-5421.0
6097	10.2	143103.3	-5404.9
6098	9.4	143109.8	-5410.7
6099	10.2	143115.3	-5438.5
6100	10.2	143124.3	-5432.0
6101	10.0	143126.8	-5449.9
6102	8.9	143130.3	-5450.4
6103	10.2	143130.8	-5453.4
6104	9.4	143134.5	-5458.7
6105	10.2	143152.8	-5410.6
6106	9.4	143201.3	-5425.9
6107	9.4	143202.6	-5403.0
6108	9.5	143215.3	-5445.3
6109	10.0	143229.3	-5446.7
6110	8.8	143231.3	-5444.9
6111	9.0	143232.8	-5429.2
6112	10.2	143238.3	-5421.3
6113	10.0	143250.3	-5442.7
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6115	9.8	143333.3	-5422.2
6116	7.4	143339.8	-5403.8
6117	10.0	143341.3	-5457.5
6118	10.0	143341.3	-5457.8
6119	8.2	143342.8	-5402.5
6120	7.6	143350.8	-5438.7
6121	9.4	143352.3	-5421.1
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6123	9.4	143400.3	-5430.1
6124	10.2	143401.8	-5454.0
6125	10.0	143404.3	-5438.0
6126	8.8	143414.6	-5401.3
6127	10.2	143421.8	-5453.7
6128	9.5	143423.3	-5436.9
6129	9.4	143426.8	-5410.2
6130	7.6	143430.8	-5418.9
6131	10.2	143435.8	-5422.2
6132	9.8	143445.3	-5453.2
6133	8.7	143456.3	-5443.0
6134	9.4	143458.8	-5455.6
6135	9.6	143458.8	-5437.2
6136	10.0	143502.8	-5407.8
6137	9.5	143515.8	-5434.7
6138	9.8	143520.3	-5435.9
6139	9.4	143538.8	-5432.9
6140	9.8	143539.3	-5447.5
6141	10.0	143540.3	-5444.6
6142	9.4	143546.3	-5420.0
6143	10.2	143550.8	-5402.7
6144	10.0	143559.3	-5409.0
6145	10.0	143615.8	-5454.2
6146	10.0	143624.3	-5457.7
6147	10.2	143625.9	-5459.5
6148	10.2	143628.3	-5413.8
6149	8.8	143629.8	-5435.0

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6150	10.2	143634.3	-5443.7
6151	10.0	143636.3	-5413.5
6152	10.2	143705.8	-5430.6
6153	9.8	143718.8	-5422.8
6154	10.2	143741.8	-5453.9
6155	8.0	143752.8	-5415.0
6156	8.0	143754.3	-5417.4
6157	9.8	143800.8	-5404.4
6158	9.8	143806.5	-5459.1
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6161	10.0	143839.3	-5451.1
6162	9.2	143902.8	-5454.0
6163	8.8	143914.3	-5451.6
6164	9.8	143918.3	-5433.1
6165	10.0	143922.3	-5410.8
6166	10.2	143923.0	-5431.1
6167	10.2	143947.8	-5447.9
6168	9.8	143948.5	-5400.2
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6171	10.2	144035.8	-5440.2
6172	9.4	144041.0	-5418.0
6173	10.0	144045.0	-5455.1
6174	10.1	144059.5	-5433.2
6175	9.6	144117.0	-5459.6
6176	9.4	144125.0	-5432.0
6177	9.4	144134.0	-5451.0
6178	9.2	144138.5	-5454.0
6179	8.3	144142.5	-5429.2
6180	10.1	144144.5	-5442.0
6181	10.0	144147.0	-5450.6
6182	9.4	144203.5	-5455.3
6183	10.1	144212.5	-5448.9
6184	10.1	144221.5	-5454.2
6185	9.6	144222.0	-5440.2
6186	9.4	144237.0	-5435.0
6187	9.8	144251.5	-5424.2
6188	9.8	144300.5	-5408.9
6189	9.4	144309.5	-5458.8
6190	10.1	144314.0	-5401.5
6191	9.6	144320.0	-5446.7
6192	9.4	144321.5	-5408.0
6193	9.6	144340.5	-5431.6
6194	10.1	144342.5	-5417.0
6195	9.8	144359.0	-5414.1
6196	10.1	144402.0	-5452.7
6197	10.1	144415.5	-5411.4
6198	9.8	144416.0	-5422.5
6199	9.4	144422.5	-5404.9
6200	10.0	144430.0	-5454.0
6201	8.4	144434.5	-5434.2
6202	10.1	144441.0	-5400.0
6203	10.1	144445.5	-5421.8
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6205	8.6	144451.0	-5431.8
6206	10.1	144521.7	-5411.1
6207	9.8	144530.2	-5409.6
6208	10.1	144531.0	-5458.0
6209	10.1	144538.7	-5422.5
6210	9.6	144555.7	-5438.1
6211	10.1	144603.9	-5459.0
6212	10.1	144611.2	-5410.0
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6215	9.6	144622.7	-5414.9
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6219	9.4	144649.2	-5453.0
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6221	10.1	144710.7	-5441.9
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6223	10.1	144744.0	-5459.4
6224	10.1	144751.2	-5410.4
6225	9.0	144827.2	-5433.9
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6227	9.4	144851.2	-5434.0
6228	10.1	144852.2	-5438.4
6229	9.7	144856.7	-5417.3
6230	10.1	144932.7	-5417.0
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6232	9.7	144949.7	-5419.2
6233	9.2	144950.2	-5457.7
6234	10.1	145000.2	-5442.0
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6236	9.0	145031.2	-5412.9
6237	10.1	145032.7	-5442.3
6238	10.1	145043.2	-5431.9
6239	10.1	145043.2	-5418.8
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6243	9.4	145112.6	-5426.3
6244	9.6	145112.6	-5429.0
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6246	10.1	145114.6	-5414.0
6247	10.1	145125.6	-5453.2
6248	9.8	145131.1	-5431.0
6249	10.1	145131.6	-5432.9
6250	9.6	145133.1	-5432.1
6251	9.4	145133.4	-5403.1
6252	9.4	145133.6	-5448.4
6253	9.6	145139.6	-5432.5
6254	9.7	145141.1	-5457.5
6255	9.6	145144.1	-5430.9
6256	9.8	145153.1	-5426.7
6257	10.0	145158.1	-5436.0
6258	10.1	145207.1	-5427.9
6259	9.8	145219.1	-5409.9
6260	9.0	145221.6	-5428.2
6261	9.6	145221.6	-5454.3
6262	9.7	145222.1	-5425.9
6263	9.4	145234.1	-5442.8
6264	9.7	145237.1	-5413.6
6265	9.8	145239.1	-5406.5
6266	9.6	145240.1	-5414.9
6267	9.4	145240.6	-5437.1
6268	10.0	145243.9	-5408.1
6269	9.2	145244.1	-5458.7
6270	10.1	145246.1	-5406.2
6271	10.1	145249.1	-5435.0
6272	10.1	145249.6	-5429.8
6273	9.6	145307.6	-5439.0
6274	10.1	145309.1	-5426.7
6275	8.8	145324.6	-5449.0
6276	10.1	145326.9	-5400.3
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6278	9.7	145332.1	-5427.3
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6280	9.8	145345.1	-5419.6
6281	10.1	145347.4	-5401.7
6282	10.1	145400.9	-5400.5
6283	10.0	145403.1	-5416.4
6284	9.7	145406.1	-5431.5
6285	9.8	145406.6	-5431.0
6286	9.7	145410.6	-5413.0
6287	10.1	145411.6	-5418.9
6288	9.8	145415.1	-5403.0
6289	9.8	145422.1	-5448.7
6290	10.1	145422.6	-5434.7
6291	9.8	145423.6	-5406.3
6292	9.7	145424.1	-5436.2
6293	9.8	145432.1	-5426.9
6294	9.8	145432.6	-5405.3
6295	9.8	145433.6	-5408.0
6296	8.8	145443.1	-5439.1
6297	9.4	145446.6	-5403.5
6298	10.0	145451.6	-5419.4
6299	10.0	145456.1	-5422.1
6300	10.1	145509.1	-5438.4
6301	9.8	145511.1	-5440.0
6302	9.8	145518.6	-5402.1
6303	10.1	145521.6	-5406.3
6304	9.6	145522.1	-5402.2
6305	9.7	145528.1	-5404.0
6306	9.6	145529.1	-5433.2
6307	9.2	145532.6	-5425.2
6308	10.1	145540.6	-5400.2
6309	9.6	145541.1	-5401.0
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6311	10.1	145547.1	-5407.6
6312	9.2	145613.1	-5405.7
6313	9.8	145616.6	-5407.3
6314	9.7	145620.6	-5416.4
6315	9.7	145627.6	-5431.2
6316	9.6	145636.1	-5413.4
6317	9.8	145636.6	-5422.5
6318	10.1	145645.6	-5453.3
6319	10.1	145649.1	-5418.8
6320	9.4	145707.2	-5401.4
6321	9.4	145707.2	-5406.5
6322	9.8	145734.9	-5400.6
6323	9.8	145744.7	-5420.4
6324	10.0	145746.6	-5452.2
6325	10.1	145749.7	-5426.3
6326	10.1	145754.7	-5458.1
6327	9.6	145756.7	-5443.8
6328	10.1	145802.2	-5458.1
6329	9.4	145809.7	-5431.3

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-54 6689 15h39m

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6333	9.2	145831.7	-5404.0	6423	9.4	150659.8	-5408.4	6513	10.0	151743.3	-5444.7
6334	10.1	145832.7	-5409.0	6424	9.2	150701.8	-5419.5	6514	10.1	151754.3	-5445.4
6335	9.6	145838.2	-5419.5	6425	10.1	150710.1	-5403.4	6515	8.8	151806.8	-5453.4
6336	9.8	145838.7	-5421.1	6426	10.1	150711.8	-5403.4	6516	9.9	151818.3	-5409.2
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6339	10.1	145841.7	-5426.5	6429	9.6	150731.8	-5459.6	6519	9.3	151836.5	-5458.9
6340	9.6	145857.7	-5442.2	6430	10.1	150745.3	-5425.2	6520	10.2	151848.8	-5406.3
6341	9.4	145902.2	-5441.2	6431	9.8	150748.3	-5409.2	6521	8.2	151852.3	-5432.6
6342	10.0	145902.2	-5427.0	6432	9.7	150757.3	-5430.6	6522	10.2	151856.9	-5409.8
6343	10.1	145904.9	-5401.3	6433	10.1	150759.8	-5436.6	6523	10.0	151904.3	-5410.2
6344	9.7	145914.2	-5424.1	6434	9.7	150825.3	-5422.4	6524	10.0	151906.3	-5408.3
6345	10.0	145914.7	-5415.0	6435	8.6	150829.8	-5402.2	6525	9.9	151908.8	-5428.1
6346	10.0	145917.7	-5412.8	6436	10.1	150901.4	-5433.2	6526	10.1	151910.8	-5426.6
6347	9.8	145922.2	-5444.6	6437	8.8	150909.9	-5412.2	6527	10.0	151911.3	-5428.9
6348	10.1	145923.7	-5453.3	6438	10.1	150911.4	-5453.0	6528	10.2	151919.8	-5448.9
6349	9.7	145928.2	-5414.3	6439	9.8	150928.1	-5458.0	6529	10.2	151933.8	-5425.8
6350	10.1	145941.7	-5459.6	6440	8.8	150931.9	-5443.4	6530	9.2	151942.8	-5420.5
6351	10.1	145944.2	-5404.3	6441	10.1	150954.4	-5436.8	6531	9.9	151948.8	-5428.8
6352	9.4	145951.7	-5426.6	6442	9.6	151009.4	-5422.1	6532	10.2	151958.3	-5417.4
6353	9.6	145952.7	-5413.8	6443	10.1	151010.9	-5454.4	6533	10.1	151958.3	-5459.6
6354	10.1	145959.2	-5404.2	6444	9.4	151011.4	-5436.2	6534	10.2	152006.8	-5454.5
6355	9.4	150002.7	-5415.6	6445	9.0	151032.9	-5438.1	6535	10.2	152007.0	-5431.1
6356	9.6	150018.7	-5400.7	6446	10.1	151033.9	-5452.1	6536	10.2	152019.3	-5444.1
6357	10.0	150024.2	-5452.4	6447	9.2	151035.4	-5444.2	6537	9.6	152022.3	-5423.6
6358	10.1	150040.7	-5410.5	6448	9.2	151050.4	-5455.4	6538	10.1	152025.8	-5453.2
6359	9.6	150045.5	-5410.3	6449	9.4	151056.4	-5405.6	6539	10.2	152052.3	-5456.3
6360	9.6	150049.5	-5406.5	6450	9.4	151109.3	-5400.0	6540	10.2	152103.8	-5406.2
6361	9.7	150052.0	-5402.6	6451	10.1	151113.7	-5421.4	6541	9.6	152105.3	-5438.3
6362	9.7	150102.0	-5442.6	6452	9.8	151117.2	-5431.8	6542	10.1	152116.3	-5406.5
6363	9.4	150106.7	-5401.1	6453	9.7	151117.9	-5430.0	6543	10.2	152124.0	-5423.4
6364	9.8	150136.8	-5458.7	6454	9.4	151123.7	-5414.3	6544	9.6	152131.8	-5435.9
6365	9.4	150142.5	-5409.3	6455	10.1	151131.4	-5456.8	6545	10.0	152133.9	-5402.8
6366	9.4	150153.5	-5421.5	6456	9.6	151132.9	-5433.9	6546	9.7	152145.8	-5445.4
6367	7.4	150158.5	-5452.2	6457	9.6	151139.6	-5405.4	6547	9.1	152156.8	-5428.4
6368	9.6	150200.3	-5402.3	6458	9.6	151146.9	-5418.8	6548	9.8	152203.8	-5414.3
6369	9.2	150212.5	-5414.8	6459	10.0	151149.4	-5417.6	6549	9.4	152207.8	-5451.6
6370	9.6	150213.5	-5448.9	6460	9.4	151157.2	-5448.9	6550	10.0	152211.3	-5420.4
6371	9.4	150234.0	-5438.9	6461	10.0	151159.9	-5438.9	6551	9.9	152214.3	-5430.0
6372	9.4	150236.0	-5439.8	6462	9.6	151209.7	-5457.4	6552	10.2	152219.3	-5425.7
6373	9.4	150238.0	-5428.6	6463	10.1	151209.9	-5410.4	6553	9.9	152225.8	-5400.6
6374	9.8	150239.0	-5427.7	6464	10.2	151221.4	-5429.5	6554	10.0	152232.3	-5453.6
6375	10.1	150239.0	-5454.4	6465	10.1	151231.7	-5452.7	6555	9.9	152233.8	-5413.7
6376	9.8	150250.0	-5444.0	6466	10.1	151231.7	-5414.1	6556	10.1	152243.8	-5453.4
6377	9.4	150303.5	-5425.7	6467	9.2	151232.9	-5430.8	6557	9.6	152249.3	-5442.4
6378	9.6	150309.0	-5428.5	6468	9.7	151234.9	-5409.5	6558	9.4	152253.8	-5450.4
6379	9.2	150314.5	-5450.3	6469	9.6	151236.9	-5447.1	6559	8.3	152257.6	-5417.3
6380	9.8	150325.5	-5416.8	6470	9.6	151243.4	-5453.3	6560	10.2	152307.6	-5414.2
6381	9.6	150329.5	-5440.9	6471	9.1	151244.9	-5427.0	6561	8.9	152311.1	-5429.9
6382	9.6	150334.0	-5416.8	6472	9.2	151256.4	-5450.5	6562	9.8	152314.1	-5452.1
6383	10.1	150338.5	-5443.3	6473	9.2	151317.4	-5447.8	6563	9.3	152325.1	-5428.0
6384	8.7	150343.0	-5405.3	6474	9.6	151322.9	-5428.0	6564	9.9	152328.6	-5409.5
6385	9.0	150345.0	-5425.7	6475	10.0	151323.4	-5407.7	6565	9.8	152338.3	-5401.4
6386	9.6	150346.5	-5416.9	6476	9.8	151351.0	-5457.2	6566	9.7	152343.1	-5436.5
6387	9.7	150348.0	-5441.0	6477	10.2	151412.9	-5443.5	6567	8.7	152343.6	-5420.9
6388	9.8	150353.5	-5453.8	6478	9.1	151419.4	-5433.4	6568	9.6	152420.1	-5412.1
6389	10.1	150402.5	-5417.4	6479	9.8	151421.9	-5420.5	6569	10.0	152431.6	-5440.2
6390	9.6	150403.0	-5423.7	6480	9.4	151437.4	-5421.1	6570	9.7	152431.6	-5449.0
6391	9.7	150407.5	-5440.5	6481	10.2	151452.9	-5418.5	6571	10.1	152432.6	-5428.2
6392	10.1	150419.5	-5420.3	6482	9.9	151454.4	-5446.3	6572	10.2	152433.1	-5404.1
6393	9.8	150428.0	-5443.2	6483	10.2	151457.9	-5403.4	6573	10.1	152433.6	-5441.2
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6395	9.4	150438.5	-5403.4	6485	9.7	151509.4	-5432.9	6575	10.2	152456.1	-5411.4
6396	9.8	150440.0	-5411.0	6486	9.6	151515.8	-5456.5	6576	9.4	152500.6	-5415.4
6397	8.3	150441.0	-5409.5	6487	9.6	151520.8	-5413.6	6577	10.1	152526.6	-5425.9
6398	9.8	150441.8	-5417.6	6488	9.2	151520.8	-5437.1	6578	10.0	152542.1	-5454.6
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6400	8.6	150445.3	-5448.4	6490	9.9	151529.3	-5447.7	6580	10.0	152602.1	-5426.1
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6403	9.8	150520.3	-5437.9	6493	9.0	151542.3	-5410.3	6583	8.5	152612.1	-5418.1
6404	9.8	150521.3	-5421.0	6494	10.2	151552.8	-5411.9	6584	9.1	152618.1	-5445.1
6405	9.2	150524.3	-5444.0	6495	9.7	151602.3	-5429.2	6585	10.2	152636.6	-5412.1
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6407	10.1	150550.3	-5428.3	6497	9.9	151630.3	-5431.8	6587	10.0	152659.1	-5425.4
6408	10.1	150553.8	-5439.6	6498	9.8	151636.8	-5455.6	6588	10.2	152701.6	-5441.7
6409	9.6	150559.8	-5409.0	6499	9.6	151647.8	-5455.7	6589	9.8	152701.6	-5429.0
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6412	9.8	150609.8	-5455.6	6502	10.2	151654.3	-5405.7	6592	10.2	152707.1	-5428.2
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6415	9.8	150623.3	-5438.2	6505	10.2	151719.3	-5446.5	6595	9.4	152716.1	-5458.4
6416	10.1	150628.3	-5413.0	6506	7.8	151725.3	-5434.4	6596	10.2	152732.8	-5432.9
6417	10.1	150634.8	-5430.1	6507	9.7	151728.5	-5457.8	6597	10.1	152740.8	-5448.2
6418	9.4	150636.3	-5459.4	6508	9.9	151734.3	-5415.3	6598	9.6	152742.8	-5441.2
6419	10.1	150638.8	-5402.4	6509	9.4	151736.8	-5459.1	6599	8.4	152744.8	-5404.7
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6606	9.4	152830.3	-5432.7								
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6688	10.2	153915.8	-5424.5								
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6727	9.8	154300.6	-5410.3
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6735	9.8	154355.4	-5432.9
6736	10.1	154356.4	-5447.4
6737	9.6	154358.4	-5446.3
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6742	10.4	154407.4	-5458.9
6743	10.4	154409.2	-5401.6
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6746	10.2	154415.9	-5423.9
6747	10.4	154420.4	-5438.4
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6749	9.6	154423.7	-5417.0
6750	10.0	154425.9	-5408.6
6751	10.4	154425.9	-5419.6
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6786	10.1	154542.9	-5441.4
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6796	10.4	154606.9	-5428.0
6797	9.6	154610.4	-5450.0
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6831	10.4	154727.3	-5450.1
6832	10.0	154730.3	-5449.6
6833	10.4	154730.3	-5415.5
6834	10.1	154732.3	-5411.2
6835	10.2	154733.3	-5409.8
6836	10.4	154736.3	-5439.3
6837	8.5	154737.3	-5409.6
6838	10.4	154738.3	-5449.5
6839	10.2	154748.8	-5452.2
6840	9.8	154753.8	-5457.3
6841	10.4	154754.4	-5400.6
6842	10.2	154758.3	-5403.6
6843	10.0	154800.3	-5451.4
6844	10.4	154806.8	-5444.0
6845	10.4	154807.8	-5431.9
6846	9.6	154808.3	-5411.6
6847	10.4	154808.8	-5432.1
6848	9.2	154809.8	-5434.8
6849	8.8	154810.3	-5401.6
6850	10.4	154811.5	-5456.9
6851	10.4	154812.3	-5402.0
6852	9.8	154813.8	-5409.9
6853	10.0	154820.3	-5443.8
6854	10.4	154826.3	-5441.9
6855	8.8	154827.8	-5459.2
6856	10.4	154830.8	-5453.9
6857	9.3	154830.8	-5429.3
6858	9.6	154832.8	-5434.6
6859	10.0	154832.8	-5440.8
6860	10.0	154833.8	-5450.4
6861	9.8	154836.8	-5435.4
6862	9.6	154839.3	-5406.2
6863	10.4	154839.8	-5444.6
6864	10.4	154847.3	-5443.6
6865	10.4	154847.3	-5452.2
6866	10.4	154848.3	-5403.8
6867	9.8	154849.3	-5449.7
6868	9.2	154856.8	-5420.6
6869	9.6	154900.3	-5453.1
6870	10.0	154900.8	-5424.0
6871	9.8	154901.8	-5436.8
6872	10.1	154904.8	-5446.3
6873	10.0	154906.3	-5431.8
6874	10.4	154908.8	-5429.5
6875	8.8	154909.3	-5416.7
6876	10.4	154914.8	-5418.2
6877	9.6	154919.3	-5413.6
6878	9.0	154919.8	-5403.0
6879	9.8	154922.3	-5405.0
6880	10.4	154926.8	-5448.0
6881	10.0	154927.3	-5420.9
6882	9.2	154930.3	-5420.8
6883	10.0	154932.3	-5448.3
6884	10.1	154932.3	-5426.9
6885	9.6	154936.3	-5454.0
6886	10.4	154940.3	-5410.9
6887	10.2	154940.3	-5430.2
6888	10.4	154941.3	-5459.0
6889	8.8	154943.8	-5412.6
6890	9.6	154944.8	-5407.0
6891	9.8	154946.8	-5451.0
6892	10.4	154954.3	-5423.2
6893	9.8	154955.3	-5433.8
6894	10.0	154959.3	-5412.3
6895	10.4	155002.3	-5409.0
6896	10.1	155006.3	-5406.0
6897	10.4	155018.8	-5425.0
6898	10.0	155022.3	-5400.4
6899	10.2	155023.3	-5445.0
6900	9.3	155023.3	-5449.0
6901	10.4	155024.8	-5456.1
6902	9.8	155026.3	-5415.0
6903	9.8	155028.3	-5457.6
6904	9.6	155033.8	-5444.3
6905	10.0	155036.8	-5453.6
6906	10.4	155036.8	-5431.8
6907	9.2	155038.3	-5405.2
6908	9.8	155038.3	-5442.0
6909	10.0	155040.0	-5457.0
6910	10.4	155041.8	-5428.8
6911	10.4	155045.3	-5440.9
6912	10.1	155046.8	-5435.8
6913	9.6	155047.3	-5437.9
6914	9.3	155100.3	-5448.2
6915	9.8	155103.8	-5439.6
6916	10.4	155108.3	-5435.8
6917	10.4	155110.3	-5403.8
6918	10.4	155110.4	-5411.9
6919	10.0	155113.3	-5423.5
6920	10.0	155115.3	-5420.3
6921	10.0	155120.8	-5459.2
6922	7.2	155122.8	-5413.2
6923	10.4	155125.8	-5415.1
6924	10.0	155132.3	-5427.2
6925	10.1	155134.6	-5401.0
6926	10.4	155135.3	-5445.2
6927	10.2	155138.3	-5434.3
6928	10.4	155139.3	-5413.8
6929	9.0	155145.8	-5431.6
6930	10.2	155146.3	-5446.6
6931	9.6	155148.8	-5402.6
6932	10.4	155149.8	-5401.1
6933	10.0	155153.8	-5453.4
6934	9.6	155156.3	-5402.5
6935	9.6	155200.3	-5424.0
6936	10.4	155204.3	-5431.6
6937	9.6	155205.3	-5436.2
6938	9.0	155206.3	-5429.4
6939	10.4	155206.3	-5459.2
6940	10.2	155210.3	-5446.2
6941	10.0	155215.3	-5416.5
6942	10.4	155217.3	-5400.6
6943	10.4	155220.8	-5438.2
6944	10.4	155220.8	-5427.9
6945	10.4	155221.3	-5404.0
6946	10.0	155223.3	-5413.6
6947	10.4	155223.3	-5429.6
6948	10.0	155225.8	-5428.6
6949	10.0	155227.3	-5427.7
6950	10.2	155228.3	-5428.9
6951	10.4	155235.3	-5412.2
6952	10.4	155243.8	-5449.8
6953	10.4	155246.8	-5426.9
6954	10.1	155248.3	-5452.0
6955	10.4	155250.8	-5453.2
6956	10.0	155251.8	-5450.6
6957	10.0	155253.8	-5454.9
6958	9.5	155300.3	-5441.4
6959	10.1	155301.3	-5410.9

-54 7049 15h57m

6960	9.8	155306.8	-5452.2
6961	9.2	155307.3	-5407.4
6962	10.0	155311.3	-5441.1
6963	10.4	155318.8	-5414.1
6964	9.6	155328.8	-5407.5
6965	10.2	155335.8	-5420.7
6966	9.0	155335.8	-5431.0
6967	10.2	155337.3	-5432.8
6968	9.8	155338.3	-5441.0
6969	10.4	155340.3	-5433.8
6970	10.4	155341.3	-5427.0
6971	10.0	155342.3	-5430.4
6972	10.0	155347.3	-5429.6
6973	10.4	155349.8	-5452.9
6974	10.4	155353.8	-5437.7
6975	10.4	155355.3	-5451.2
6976	10.1	155355.3	-5409.8
6977	9.8	155355.8	-5408.8
6978	10.4	155356.5	-5458.9
6979	10.4	155400.0	-5457.5
6980	10.4	155401.8	-5408.4
6981	10.0	155406.3	-5400.6
6982	10.4	155408.8	-5421.1
6983	10.4	155413.8	-5416.9
6984	10.4	155414.3	-5447.2
6985	10.4	155429.8	-5401.8
6986	10.0	155437.3	-5433.5
6987	9.8	155442.3	-5410.7
6988	10.4	155443.8	-5416.7
6989	10.2	155447.8	-5451.8
6990	10.1	155449.3	-5454.2
6991	10.0	155501.8	-5446.0
6992	10.4	155504.8	-5428.5
6993	7.9	155508.8	-5447.6
6994	10.4	155512.3	-5408.6
6995	9.8	155516.8	-5434.2
6996	9.8	155518.4	-5415.3
6997	10.4	155520.8	-5406.6
6998	9.2	155523.8	-5415.2
6999	10.2	155530.8	-5428.6
7000	9.6	155532.3	-5445.6
7001	9.3	155532.8	-5442.6
7002	10.0	155533.5	-5458.0
7003	8.0	155537.1	-5402.0
7004	10.4	155537.3	-5426.7
7005	10.1	155538.8	-5413.5
7006	8.8	155539.8	-5441.7
7007	9.8	155542.8	-5435.8
7008	9.6	155550.3	-5421.4
7009	10.4	155552.3	-5406.1
7010	10.4	155558.3	-5440.0
7011	10.4	155601.8	-5429.0
7012	10.0	155603.3	-5446.2
7013	8.7	155605.3	-5434.1
7014	10.4	155606.7	-5400.8
7015	9.2	155606.8	-5456.0
7016	10.0	155610.3	-5416.8
7017	10.4	155622.3	-5459.1
7018	10.4	155623.8	-5430.7
7019	10.4	155626.8	-5432.1
7020	10.1	155637.8	-5446.8
7021	10.4	155641.3	-5434.0
7022	10.4	155647.3	-5454.2
7023	10.2	155650.3	-5401.5
7024	10.4	155652.1	-5402.3
7025	9.6	155653.3	-5412.6
7026	10.4	155658.8	-5419.0
7027	10.2	155702.8	-5428.2
7028	9.6	155703.3	-5405.0
7029	10.4	155705.8	-5409.2
7030	10.4	155712.3	-5420.6
7031	10.0	155712.8	-5402.8
7032	10.4	155713.8	-5453.4
7033	10.4	155714.8	-5442.3
7034	10.4	155715.3	-5438.2
7035	10.4	155715.8	-5453.0
7036	10.4	155716.8	-5401.6
7037	9.6	155721.8	-5457.2
7038	10.0	155721.8	-5429.0
7039	9.8	155722.3	-5432.1
7040	10.4	155733.8	-5435.2
7041	10.1	155733.8	-5436.2
7042	9.6	155737.3	-5434.2
7043	9.8	155738.8	-5447.8
7044	10.2	155742.8	-5413.1
7045	7.8	155746.8	-5418.6
7046	9.6	155748.3	-5422.4
7047	10.4	155751.8	-5426.5
7048	10.4	155752.3	-5454.8
7049	10.4	155752.3	-5408.0

-54 7050 15h57m

-54 7409 16h08m

7050	9.8	155754.8	-5449.0	7140	10.4	160053.9	-5423.0	7230	9.6	160317.4	-5408.0
7051	9.8	155755.1	-5422.5	7141	9.6	160056.4	-5410.7	7231	10.0	160317.8	-5400.9
7052	10.0	155755.6	-5437.2	7142	10.1	160056.4	-5406.9	7232	10.2	160319.9	-5418.1
7053	10.0	155756.6	-5423.2	7143	10.0	160058.9	-5443.0	7233	10.4	160320.8	-5401.1
7054	10.1	155757.8	-5428.0	7144	10.4	160102.9	-5405.9	7234	9.6	160322.4	-5437.4
7055	10.1	155759.6	-5448.6	7145	9.8	160104.7	-5457.6	7235	9.8	160322.9	-5435.6
7056	10.0	155759.6	-5456.0	7146	10.0	160107.9	-5418.1	7236	10.4	160325.9	-5404.4
7057	10.0	155801.1	-5400.1	7147	10.4	160110.4	-5409.2	7237	10.4	160326.3	-5402.5
7058	10.4	155803.1	-5455.5	7148	10.4	160114.9	-5457.0	7238	10.4	160327.3	-5400.6
7059	10.0	155805.6	-5431.8	7149	9.6	160117.9	-5408.0	7239	9.6	160327.3	-5400.2
7060	8.6	155807.1	-5447.4	7150	10.0	160119.9	-5451.4	7240	10.0	160328.4	-5412.0
7061	10.4	155812.1	-5435.6	7151	9.6	160120.9	-5427.0	7241	8.6	160331.9	-5448.1
7062	8.6	155815.6	-5427.8	7152	9.5	160121.9	-5405.9	7242	10.2	160331.9	-5447.2
7063	9.8	155817.1	-5433.4	7153	10.2	160122.4	-5415.8	7243	10.4	160332.4	-5404.2
7064	9.8	155818.6	-5430.0	7154	9.8	160123.9	-5416.2	7244	9.6	160336.8	-5400.5
7065	10.4	155819.1	-5450.0	7155	8.9	160125.9	-5409.2	7245	7.4	160337.9	-5418.2
7066	10.4	155819.1	-5457.4	7156	10.2	160126.4	-5408.8	7246	9.6	160339.4	-5405.0
7067	10.2	155820.1	-5412.8	7157	10.1	160127.1	-5400.0	7247	10.4	160340.8	-5400.7
7068	10.0	155821.1	-5410.0	7158	10.1	160127.4	-5413.2	7248	9.3	160341.4	-5454.7
7069	10.4	155823.2	-5401.2	7159	8.8	160132.7	-5401.5	7249	9.6	160343.4	-5431.1
7070	9.6	155826.8	-5459.6	7160	10.4	160132.9	-5453.2	7250	9.8	160352.4	-5454.1
7071	10.0	155827.6	-5442.4	7161	10.4	160135.4	-5412.8	7251	9.5	160353.4	-5408.4
7072	10.4	155827.6	-5402.2	7162	10.2	160135.9	-5423.2	7252	9.6	160354.9	-5438.0
7073	10.0	155828.6	-5410.8	7163	10.0	160139.9	-5431.7	7253	10.4	160356.9	-5429.2
7074	9.6	155831.6	-5433.8	7164	9.6	160140.4	-5432.9	7254	10.0	160359.4	-5443.5
7075	10.0	155832.8	-5434.6	7165	10.4	160142.4	-5414.2	7255	10.2	160359.9	-5438.2
7076	9.8	155833.1	-5450.6	7166	10.4	160142.9	-5423.1	7256	10.4	160401.4	-5436.0
7077	10.4	155833.1	-5401.6	7167	10.4	160146.9	-5413.2	7257	10.4	160401.9	-5421.6
7078	9.8	155837.1	-5433.0	7168	9.2	160149.9	-5403.0	7258	10.2	160402.4	-5424.6
7079	10.4	155837.1	-5411.6	7169	10.4	160149.9	-5445.6	7259	10.4	160403.4	-5442.2
7080	10.4	155838.6	-5427.0	7170	10.2	160151.9	-5428.4	7260	9.5	160405.4	-5435.4
7081	10.2	155845.9	-5423.2	7171	8.4	160153.9	-5416.0	7261	10.4	160409.4	-5437.5
7082	10.4	155846.3	-5458.2	7172	10.4	160155.4	-5445.8	7262	10.4	160409.9	-5443.7
7083	9.4	155846.6	-5408.2	7173	9.8	160157.9	-5459.2	7263	10.4	160411.9	-5402.9
7084	10.0	155850.6	-5408.2	7174	10.0	160200.9	-5431.8	7264	9.3	160412.8	-5446.2
7085	10.4	155854.4	-5413.2	7175	10.4	160201.9	-5404.6	7265	10.0	160420.8	-5442.2
7086	10.0	155856.9	-5421.4	7176	10.0	160202.9	-5450.6	7266	10.2	160422.9	-5433.2
7087	9.8	155857.9	-5455.6	7177	10.2	160205.9	-5434.6	7267	10.4	160425.9	-5406.0
7088	10.0	155859.4	-5447.5	7178	10.0	160206.4	-5431.4	7268	10.4	160427.3	-5408.0
7089	9.8	155900.9	-5403.7	7179	9.8	160206.4	-5447.0	7269	10.0	160428.3	-5435.4
7090	10.0	155902.4	-5432.6	7180	10.4	160206.9	-5422.9	7270	10.1	160429.8	-5457.4
7091	9.8	155903.4	-5430.6	7181	8.6	160207.4	-5436.3	7271	10.1	160431.3	-5436.6
7092	9.8	155904.4	-5436.6	7182	10.2	160207.9	-5457.1	7272	10.2	160433.5	-5408.2
7093	7.9	155905.9	-5411.6	7183	10.4	160208.4	-5446.8	7273	10.0	160437.8	-5439.8
7094	9.4	155906.4	-5456.4	7184	10.1	160209.9	-5423.8	7274	10.0	160439.5	-5408.8
7095	10.4	155907.4	-5438.7	7185	7.0	160210.1	-5401.4	7275	10.4	160439.8	-5404.4
7096	10.4	155907.9	-5423.2	7186	9.5	160212.9	-5435.0	7276	10.2	160439.9	-5442.6
7097	9.8	155912.9	-5406.2	7187	10.4	160213.3	-5402.0	7277	10.4	160440.9	-5406.8
7098	9.6	155917.4	-5428.2	7188	10.4	160217.4	-5444.2	7278	10.4	160445.8	-5447.8
7099	8.3	155919.4	-5450.6	7189	9.8	160218.9	-5406.2	7279	10.0	160447.3	-5421.4
7100	10.2	155921.9	-5419.1	7190	10.4	160219.9	-5405.0	7280	9.6	160450.8	-5407.2
7101	10.4	155923.9	-5423.2	7191	10.0	160227.9	-5409.2	7281	10.0	160450.8	-5426.8
7102	8.7	155925.9	-5446.6	7192	10.4	160228.4	-5420.4	7282	10.0	160451.8	-5426.4
7103	10.4	155927.9	-5430.4	7193	10.4	160229.4	-5456.4	7283	9.8	160453.7	-5401.1
7104	10.2	155928.2	-5458.4	7194	10.1	160229.9	-5413.4	7284	10.2	160501.7	-5401.3
7105	10.4	155928.9	-5413.0	7195	10.1	160231.9	-5421.0	7285	10.4	160506.3	-5452.1
7106	10.2	155931.4	-5448.6	7196	9.6	160232.4	-5438.0	7286	10.4	160507.3	-5437.2
7107	10.2	155933.4	-5425.9	7197	10.0	160234.9	-5405.4	7287	9.8	160507.8	-5414.1
7108	10.4	155936.4	-5414.0	7198	9.6	160238.4	-5410.0	7288	10.1	160508.3	-5429.1
7109	10.2	155938.7	-5402.6	7199	9.8	160239.9	-5413.0	7289	10.4	160508.3	-5431.1
7110	10.0	155940.1	-5402.8	7200	10.2	160239.9	-5450.4	7290	10.4	160516.3	-5441.9
7111	9.8	155945.9	-5449.2	7201	9.8	160242.4	-5440.1	7291	10.2	160516.8	-5439.0
7112	10.0	155948.4	-5441.8	7202	10.4	160242.9	-5447.0	7292	10.2	160518.3	-5457.0
7113	9.4	155948.9	-5424.4	7203	10.2	160243.4	-5411.4	7293	10.4	160518.3	-5419.2
7114	10.0	160001.9	-5440.0	7204	9.8	160244.4	-5419.8	7294	9.0	160518.3	-5415.3
7115	10.4	160001.9	-5433.6	7205	10.0	160245.9	-5449.0	7295	10.1	160519.6	-5417.0
7116	10.4	160008.1	-5400.7	7206	9.8	160246.4	-5414.5	7296	10.4	160520.4	-5400.2
7117	10.0	160008.9	-5446.4	7207	10.4	160246.9	-5441.2	7297	10.4	160522.1	-5401.4
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-54 7769 16h27m

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7487 9.5 161018.6 -5438.6	7577 9.8 161250.1 -5451.0	7667 10.4 161539.4 -5444.1	7757 9.4 162519.8 -5429.2
7488 8.0 161019.1 -5416.5	7578 9.6 161251.1 -5453.2	7668 10.1 161539.4 -5423.3	7758 9.8 162520.8 -5440.1
7489 10.2 161019.6 -5449.3	7579 10.0 161251.6 -5420.3	7669 10.0 161540.4 -5423.8	7759 8.8 162530.3 -5433.4
7490 8.6 161024.6 -5436.7	7580 10.4 161252.6 -5449.7	7670 9.6 161541.1 -5400.2	7760 9.4 162541.8 -5454.6
7491 9.6 161025.1 -5435.4	7581 9.8 161252.6 -5404.1	7671 8.4 161542.9 -5455.9	7761 9.1 162546.8 -5401.4
7492 9.6 161026.1 -5437.1	7582 10.4 161254.6 -5405.4	7672 10.4 161548.9 -5439.3	7762 9.8 162553.0 -5446.9
7493 7.2 161026.6 -5450.0	7583 10.2 161255.1 -5431.9	7673 10.4 161548.9 -5422.5	7763 9.8 162558.8 -5455.8
7494 9.6 161027.6 -5429.7	7584 7.8 161257.1 -5444.2	7674 9.8 161550.7 -5423.4	7764 8.7 162619.3 -5436.7
7495 10.4 161028.1 -5432.5	7585 10.1 161258.1 -5415.7	7675 10.4 161552.5 -5414.4	7765 8.1 162652.8 -5443.4
7496 10.0 161031.1 -5451.5	7586 10.0 161258.6 -5405.3	7676 10.4 161554.4 -5425.5	7766 8.4 162716.8 -5437.1
7497 9.5 161032.6 -5439.4	7587 10.2 161259.6 -5418.9	7677 10.4 161555.4 -5424.8	7767 9.8 162724.8 -5447.9
7498 9.8 161034.6 -5423.9	7588 10.4 161302.1 -5412.6	7678 10.0 161608.9 -5415.1	7768 9.8 162738.3 -5416.7
7499 10.2 161035.1 -5433.2	7589 10.4 161305.1 -5440.4	7679 10.4 161609.4 -5406.6	7769 7.8 162746.3 -5435.9

-54 7770 16h27m

-54 8129 17h05m

7770	9.8	162748.3	-5425.3	7860	9.7	164028.3	-5425.6	7950	10.1	165000.7	-5446.8	8040	10.1	165909.9	-5420.2
7771	9.2	162803.3	-5406.0	7861	9.8	164042.3	-5441.9	7951	10.1	165000.7	-5445.1	8041	10.0	165914.4	-5430.7
7772	8.7	162808.8	-5433.7	7862	8.6	164043.3	-5442.8	7952	9.1	165002.7	-5409.8	8042	9.8	165921.4	-5417.8
7773	9.8	162827.8	-5451.8	7863	9.8	164049.8	-5447.7	7953	10.1	165006.2	-5405.3	8043	10.0	165923.9	-5445.8
7774	9.4	162858.8	-5436.4	7864	9.5	164055.8	-5437.3	7954	10.0	165024.2	-5407.2	8044	10.1	165924.4	-5428.4
7775	9.3	162912.8	-5440.5	7865	8.7	164058.8	-5430.6	7955	10.1	165028.7	-5417.5	8045	9.4	165927.8	-5400.1
7776	9.7	162914.3	-5427.6	7866	9.2	164100.3	-5421.4	7956	10.1	165030.2	-5405.5	8046	8.4	165934.9	-5410.0
7777	9.8	162915.3	-5442.3	7867	9.8	164100.4	-5458.3	7957	9.0	165048.7	-5448.1	8047	10.0	165939.4	-5454.0
7778	8.8	162915.8	-5427.0	7868	9.5	164108.3	-5451.8	7958	10.1	165050.2	-5432.1	8048	9.8	165947.4	-5439.7
7779	9.8	162922.3	-5405.8	7869	9.8	164116.2	-5428.4	7959	10.0	165052.7	-5424.4	8049	10.1	165951.8	-5440.1
7780	9.6	162922.8	-5427.4	7870	9.6	164116.8	-5450.5	7960	10.1	165053.7	-5457.9	8050	10.0	165951.9	-5437.6
7781	9.5	162932.3	-5433.2	7871	9.6	164124.3	-5417.3	7961	9.6	165057.7	-5446.9	8051	10.1	165952.9	-5450.7
7782	9.8	162941.8	-5410.0	7872	9.4	164125.8	-5400.8	7962	9.5	165057.7	-5407.5	8052	9.6	170000.4	-5435.2
7783	9.8	162943.8	-5419.6	7873	9.6	164126.8	-5406.4	7963	10.1	165058.2	-5401.8	8053	10.1	170005.8	-5409.0
7784	9.8	162944.3	-5445.6	7874	9.6	164129.1	-5400.5	7964	9.4	165059.2	-5442.8	8054	10.0	170008.4	-5453.9
7785	9.4	162945.8	-5419.6	7875	9.3	164130.3	-5424.0	7965	10.0	165106.2	-5429.3	8055	9.8	170008.9	-5437.6
7786	9.8	162951.8	-5445.8	7876	9.5	164137.3	-5418.0	7966	10.1	165116.2	-5432.3	8056	9.3	170012.4	-5405.2
7787	9.8	162953.6	-5400.7	7877	9.7	164152.3	-5448.2	7967	10.1	165142.7	-5412.3	8057	9.3	170017.4	-5419.6
7788	9.6	162959.3	-5419.6	7878	8.6	164210.3	-5400.6	7968	9.6	165144.2	-5434.7	8058	10.0	170018.4	-5412.7
7789	9.7	163002.3	-5416.1	7879	8.2	164222.3	-5438.8	7969	9.6	165153.2	-5404.3	8059	10.0	170025.9	-5411.0
7790	9.6	163007.8	-5414.2	7880	9.6	164226.3	-5441.1	7970	8.6	165156.7	-5444.2	8060	10.0	170026.4	-5441.5
7791	9.7	163008.3	-5401.6	7881	9.4	164234.8	-5420.1	7971	10.1	165159.7	-5458.6	8061	9.8	170033.4	-5413.5
7792	9.5	163009.3	-5408.4	7882	9.5	164252.3	-5448.8	7972	10.0	165200.2	-5402.9	8062	9.8	170034.4	-5419.3
7793	9.8	163010.3	-5401.2	7883	9.8	164320.7	-5443.9	7973	10.1	165201.9	-5400.0	8063	10.1	170040.8	-5436.3
7794	9.3	163030.3	-5405.7	7884	8.0	164321.7	-5403.7	7974	10.1	165216.2	-5412.8	8064	9.1	170041.4	-5439.8
7795	9.5	163034.3	-5432.1	7885	9.2	164323.7	-5415.7	7975	10.1	165219.7	-5453.1	8065	9.8	170043.4	-5417.3
7796	9.7	163045.8	-5413.2	7886	9.8	164337.7	-5421.7	7976	9.8	165222.7	-5452.9	8066	9.8	170044.9	-5432.1
7797	9.3	163055.8	-5452.1	7887	8.3	164345.2	-5408.9	7977	9.6	165223.2	-5413.3	8067	10.1	170044.9	-5406.3
7798	9.8	163101.8	-5413.0	7888	7.8	164345.2	-5451.6	7978	9.0	165232.7	-5442.3	8068	10.1	170048.9	-5426.6
7799	9.2	163102.3	-5444.5	7889	9.8	164350.0	-5447.6	7979	9.6	165233.7	-5418.3	8069	9.6	170059.4	-5407.2
7800	9.3	163110.8	-5455.0	7890	9.5	164350.2	-5435.0	7980	7.4	165235.2	-5422.3	8070	9.5	170105.9	-5443.4
7801	9.8	163112.8	-5452.5	7891	9.8	164351.7	-5455.8	7981	9.6	165236.7	-5412.3	8071	9.6	170110.9	-5445.3
7802	9.5	163124.3	-5445.1	7892	7.4	164356.7	-5413.6	7982	9.6	165239.2	-5456.3	8072	10.1	170117.4	-5433.7
7803	9.8	163130.8	-5424.1	7893	9.6	164356.7	-5412.7	7983	9.4	165239.2	-5443.1	8073	10.1	170119.9	-5421.1
7804	9.8	163132.3	-5403.5	7894	9.7	164356.7	-5453.0	7984	9.6	165239.2	-5441.1	8074	10.1	170124.4	-5423.6
7805	9.6	163134.8	-5451.3	7895	9.6	164400.2	-5417.1	7985	10.1	165241.2	-5436.0	8075	9.8	170127.4	-5448.8
7806	8.3	163143.8	-5438.5	7896	9.8	164417.2	-5448.4	7986	10.1	165242.7	-5451.8	8076	10.1	170138.9	-5422.0
7807	8.6	163146.3	-5429.8	7897	9.6	164430.7	-5434.8	7987	10.1	165250.2	-5404.5	8077	9.3	170140.4	-5418.4
7808	9.5	163155.8	-5429.6	7898	9.8	164443.0	-5425.5	7988	10.1	165311.2	-5413.6	8078	9.6	170140.4	-5440.3
7809	9.2	163209.8	-5451.3	7899	9.6	164443.7	-5403.9	7989	10.1	165314.7	-5405.8	8079	10.1	170140.9	-5405.1
7810	8.4	163218.3	-5454.9	7900	9.5	164503.2	-5448.5	7990	10.0	165315.2	-5412.8	8080	10.1	170144.4	-5426.8
7811	9.8	163220.8	-5407.8	7901	9.7	164510.2	-5401.5	7991	9.5	165322.7	-5437.3	8081	10.0	170148.9	-5448.0
7812	9.8	163221.8	-5407.4	7902	8.9	164530.7	-5421.6	7992	8.2	165323.2	-5410.3	8082	9.8	170152.9	-5430.9
7813	9.7	163223.3	-5434.9	7903	9.6	164532.2	-5444.4	7993	10.1	165324.7	-5417.1	8083	10.1	170152.4	-5420.8
7814	9.8	163225.8	-5405.9	7904	9.8	164555.7	-5428.4	7994	10.0	165330.2	-5420.1	8084	10.1	170152.9	-5441.8
7815	9.6	163229.8	-5416.1	7905	9.6	164556.7	-5410.9	7995	10.1	165330.2	-5453.4	8085	10.0	170153.9	-5439.9
7816	9.8	163235.8	-5413.0	7906	9.8	164557.2	-5458.3	7996	10.1	165334.2	-5427.3	8086	10.1	170154.5	-5459.3
7817	9.7	163243.8	-5404.2	7907	9.8	164620.7	-5442.6	7997	9.5	165342.7	-5444.8	8087	10.1	170155.9	-5403.2
7818	8.6	163304.3	-5432.1	7908	9.0	164633.7	-5406.1	7998	10.1	165345.2	-5449.4	8088	10.1	170158.4	-5422.0
7819	9.8	163323.0	-5455.8	7909	9.5	164648.2	-5438.9	7999	10.0	165416.7	-5442.8	8089	10.1	170203.9	-5440.2
7820	8.8	163325.8	-5402.5	7910	8.6	164652.2	-5413.1	8000	10.1	165422.7	-5406.9	8090	10.1	170218.4	-5402.5
7821	9.8	163327.0	-5437.9	7911	9.5	164715.0	-5400.8	8001	9.4	165434.2	-5433.7	8091	10.1	170220.9	-5428.1
7822	9.5	163330.8	-5417.3	7912	9.4	164715.2	-5404.0	8002	10.1	165438.2	-5427.9	8092	10.0	170222.4	-5424.4
7823	9.6	163334.8	-5446.6	7913	9.2	164717.7	-5419.3	8003	10.1	165439.7	-5454.3	8093	10.1	170222.9	-5407.8
7824	9.5	163349.3	-5407.7	7914	8.9	164740.2	-5440.2	8004	10.0	165444.2	-5428.5	8094	9.3	170240.4	-5444.5
7825	9.3	163351.8	-5443.0	7915	9.8	164754.2	-5436.9	8005	10.1	165458.7	-5414.3	8095	10.1	170243.4	-5429.8
7826	9.8	163352.8	-5456.6	7916	10.1	164758.2	-5459.2	8006	9.5	165502.7	-5436.9	8096	7.9	170247.9	-5441.6
7827	9.6	163401.8	-5416.8	7917	9.8	164759.2	-5449.3	8007	10.1	165508.7	-5400.1	8097	10.1	170249.4	-5418.9
7828	9.8	163409.0	-5401.3	7918	9.8	164830.9	-5428.9	8008	8.8	165510.7	-5425.3	8098	9.5	170251.4	-5430.3
7829	9.4	163411.8	-5414.6	7919	10.0	164831.5	-5452.1	8009	9.8	165511.7	-5447.9	8099	9.6	170257.4	-5420.4
7830	9.7	163418.8	-5403.1	7920	9.8	164836.0	-5450.9	8010	10.1	165513.2	-5410.3	8100	9.8	170258.9	-5447.2
7831	9.8	163428.3	-5448.0	7921	10.1	164839.5	-5401.1	8011	9.6	165515.2	-5431.1	8101	10.1	170314.4	-5445.5
7832	8.7	163431.6	-5401.6	7922	10.1	164841.1	-5415.0	8012	10.0	165518.7	-5440.6	8102	10.1	170322.4	-5440.1
7833	9.3	163444.3	-5437.4	7923	9.3	164842.9	-5443.9	8013	10.1	165522.1	-5419.1	8103	9.6	170323.9	-5405.3
7834	9.4	163446.8	-5446.9	7924	10.0	164847.2	-5414.7	8014	10.1	165524.2	-5438.1	8104	10.1	170324.9	-5419.4
7835	9.0	163524.8	-5442.2	7925	9.8	164855.7	-5440.7	8015	9.6	165530.7	-5406.5	8105	9.3	170332.9	-5416.0
7836	9.8	163528.8	-5434.0	7926	9.5	164858.2	-5422.4	8016	10.1	165536.3	-5458.3	8106	9.6	170338.4	-5436.1
7837	9.6	163533.3	-5403.9	7927	9.5	164903.2	-5420.1	8017	10.1	165537.7	-5424.8	8107	10.1	170340.9	-5456.2
7838	9.8	163536.8	-5439.5	7928	10.1	164904.1	-5409.9	8018	10.0	165537.7	-5446.2	8108	9.6	170346.9	-5423.9
7839	9.8	163557.3	-5430.2	7929	10.1	164906.7	-5430.1	8019	9.4	165541.7	-5415.2	8109	10.1	170348.4	-5441.7
7840	9.8	163618.8	-5441.3	7930	10.1	164908.2	-5424.5	8020	9.6	165556.7	-5422.0	8110	10.1	170352.4	-5412.9
7841	8.9	163629.8	-5402.5	7931	9.8	164909.2	-5441.6	8021	8.8	165607.1	-5409.7	8111	10.1	170354.4	-5446.1
7842	9.2	163630.8	-5409.5	7932	7.9	164910.2	-5440.6	8022	9.6	165617.9	-5401.8	8112	10.1	170358.9	-5445.9
7843	9.6	163636.8	-5405.6	7933	10.0	164911.2	-5432.5	8023	10.1	165618.7	-5409.8	8113	9.8	170405.4	-5431.1
7844	9.6	163717.3	-5414.0	7934	8.8	164922.7	-5433.3	8024	10.0	165621.7	-5428.8	8114	10.1	170406.4	-5408.9
7845	9.2	163741.8	-5432.6	7935	10.1	164926.7	-5445.1	8025	10.1	165624.7	-5426.6	8115	8.3	170422.4	-5412.9
7846	9.8	163747.8	-5406.1	7936	9.8	164929.2	-5427.6	8026	9.8	165641.7	-5436.6	8116	9.6	170427.9	-5430.5
7847	9.6	163750.8	-5412.5	7937	9.0	164929.2	-5425.0	8027	9.5	165651.2	-5425.4	8117	10.1	170429.9	-5439.9
7848	9.8	163839.3	-5408.3	7938	10.0	164931.2	-5454.1	8028	9.3	165710.7	-5450.2	8118	10.1	170439.4	-5441.3
7849	9.7	163842.3	-5411.7	7939	10.1	164937.7	-5408.1	8029	10.1	165729.2	-5447.5	8119	10.1	170444.9	-5406.1
7850	9.1	163843.8	-5418.1	7940	10.1	164938.2	-5434.7	8030	10.1	165733.7	-5424.1	8120	10.1	170445.9	-5443.7
7851	9.6	163845.8	-5455.3	7941	10.1	164938.7	-5408.1	8031	9.6	165742.5	-5402.0	8121	10.0	170448.9	-5450.3
7852	9.8	163854.8	-5455.7	7942	10.0	164944.7	-5419.7	8032	10.1	165752.2	-5426.1	8122	9.8	170448.9	-5401.8
7853	9.1	163904.3	-5426.8	7943	10.0	164944.7	-5416.3	8033	10.0	165802.2	-5452.1	8123	9.8	170453.9	-5418.8
7854	9.4	163919.3	-5414.5	7944	9.6	164945.2	-5429.1	8034	10.1	165816.9	-5444.9	8124	10.1	170457.4	-5411.1
7855	8.6	163923.3	-5413.2	7945	9.0	164947.7	-5417.4	8035	10.1	165821.4	-5424.5	8125	10.1	170502.4	-5448.7
7856	9.8	163940.8	-5452.1	7946	10.0	164951.7	-5406.1	8036	10.1	165821.9	-5428.4	8126	10.1	170504.4	-5438.5
7857	9.5	163957.3	-5416.4	7947	7.0	164958.7	-5423.9	8037	10.1	165830.4	-5410.4	8127	10.1	170517.9	-5430.1
7858	8.4	163957.8	-5415.5	7948	10.1	165000.0	-5459.5	8038	9.8	165830.9	-5454.2	8128	10.1	170518.9	-5408.1
7859	9.5	164026.6	-5459.9	7949	9.0	165000.7	-5454.9	8039	10.1	165837.4	-5409.8	8129	9.8	170519.9	-5449.4

-54 8130 17h05m

-54 8489 17h37m

8130	9.0	170519.9	-5442.8	8220	10.1	171118.4	-5449.1	8310	10.0	171725.0	-5406.3
8131	9.8	170526.4	-5433.4	8221	10.1	171121.9	-5457.3	8311	10.1	171727.2	-5459.9
8132	10.0	170531.9	-5433.4	8222	9.0	171137.4	-5406.7	8312	8.4	171728.0	-5422.1
8133	9.6	170532.4	-5432.3	8223	10.0	171138.9	-5459.6	8313	10.0	171732.0	-5436.9
8134	10.0	170539.4	-5440.3	8224	9.8	171142.4	-5450.1	8314	8.4	171736.0	-5425.8
8135	9.3	170542.4	-5418.9	8225	10.0	171211.9	-5443.9	8315	10.0	171737.0	-5457.6
8136	10.0	170546.4	-5401.3	8226	10.0	171212.9	-5418.3	8316	9.8	171744.0	-5400.1
8137	9.6	170548.4	-5420.2	8227	7.5	171216.9	-5409.3	8317	9.4	171747.5	-5434.7
8138	10.1	170552.4	-5423.5	8228	10.0	171217.4	-5456.9	8318	9.6	171757.5	-5433.2
8139	10.0	170552.8	-5400.0	8229	9.1	171217.9	-5449.7	8319	10.0	171808.5	-5455.8
8140	9.8	170556.4	-5455.7	8230	10.1	171222.8	-5449.6	8320	10.0	171810.3	-5449.9
8141	9.5	170557.4	-5459.1	8231	10.0	171224.4	-5418.1	8321	10.1	171817.3	-5402.2
8142	10.0	170605.4	-5435.1	8232	10.0	171238.4	-5420.2	8322	9.8	171819.8	-5404.5
8143	9.8	170607.9	-5421.7	8233	10.1	171240.4	-5434.7	8323	8.6	171828.3	-5428.8
8144	10.1	170612.4	-5425.9	8234	9.2	171242.9	-5426.2	8324	10.0	171838.3	-5405.8
8145	9.6	170613.9	-5430.8	8235	10.0	171243.9	-5438.7	8325	9.6	171842.3	-5421.0
8146	10.1	170621.4	-5420.2	8236	8.8	171247.9	-5411.5	8326	9.8	171847.3	-5418.8
8147	9.6	170625.4	-5448.9	8237	10.1	171300.8	-5422.8	8327	10.0	171905.3	-5439.7
8148	10.1	170627.4	-5453.3	8238	10.1	171302.9	-5409.3	8328	10.1	171907.3	-5428.7
8149	10.0	170627.9	-5429.7	8239	10.1	171303.4	-5406.0	8329	10.1	171913.3	-5453.6
8150	10.1	170629.9	-5445.3	8240	10.1	171304.5	-5401.1	8330	10.1	171920.8	-5453.9
8151	9.4	170630.4	-5416.7	8241	10.1	171307.4	-5445.1	8331	9.4	171922.3	-5432.9
8152	10.1	170630.9	-5429.5	8242	9.1	171311.4	-5419.3	8332	9.6	171922.8	-5406.8
8153	10.1	170636.2	-5451.2	8243	10.0	171313.2	-5402.9	8333	9.4	171923.1	-5458.2
8154	10.1	170637.9	-5452.5	8244	10.1	171319.6	-5401.2	8334	10.1	171929.3	-5424.8
8155	10.1	170637.9	-5422.5	8245	9.4	171328.2	-5456.2	8335	10.1	171930.3	-5411.6
8156	8.2	170643.9	-5437.7	8246	10.1	171329.5	-5430.0	8336	9.6	171938.4	-5433.5
8157	10.1	170652.5	-5452.7	8247	10.0	171331.2	-5436.9	8337	9.1	171939.3	-5441.6
8158	10.1	170659.9	-5444.3	8248	10.0	171333.2	-5452.2	8338	10.0	171940.8	-5441.1
8159	9.4	170702.4	-5452.3	8249	9.4	171339.7	-5405.8	8339	9.2	171942.3	-5409.3
8160	9.2	170702.7	-5457.7	8250	9.8	171341.7	-5430.3	8340	9.8	171946.1	-5426.2
8161	10.0	170709.9	-5436.3	8251	10.0	171342.7	-5417.6	8341	9.3	171949.6	-5444.6
8162	9.8	170710.9	-5455.5	8252	9.3	171343.1	-5457.5	8342	10.1	171952.0	-5439.6
8163	10.1	170713.9	-5449.1	8253	9.8	171347.7	-5416.3	8343	10.1	171956.3	-5416.6
8164	8.3	170728.9	-5443.7	8254	10.1	171349.7	-5404.4	8344	10.0	171959.8	-5406.3
8165	8.8	170730.4	-5459.9	8255	10.1	171352.2	-5443.7	8345	9.4	172003.3	-5407.7
8166	9.3	170730.4	-5454.2	8256	10.1	171400.7	-5445.2	8346	9.6	172008.3	-5403.5
8167	10.1	170747.9	-5423.1	8257	9.8	171401.7	-5405.3	8347	10.1	172010.8	-5418.0
8168	9.8	170755.4	-5455.7	8258	10.1	171406.2	-5441.3	8348	10.1	172012.8	-5452.1
8169	9.6	170756.9	-5403.7	8259	10.1	171406.2	-5437.9	8349	7.7	172013.3	-5408.1
8170	9.4	170757.6	-5402.7	8260	9.8	171414.7	-5438.3	8350	9.6	172015.3	-5449.0
8171	9.8	170801.9	-5403.7	8261	10.0	171417.2	-5449.3	8351	9.8	172025.1	-5429.0
8172	8.8	170805.4	-5401.0	8262	9.6	171417.7	-5410.2	8352	9.5	172028.3	-5445.8
8173	10.1	170806.9	-5430.2	8263	9.1	171418.7	-5422.1	8353	9.5	172031.8	-5439.5
8174	9.4	170820.4	-5452.3	8264	8.1	171421.2	-5437.5	8354	10.0	172034.3	-5404.0
8175	10.0	170826.9	-5428.1	8265	10.0	171424.2	-5403.6	8355	9.8	172036.3	-5433.1
8176	10.1	170828.9	-5420.8	8266	9.8	171428.7	-5440.1	8356	10.1	172041.8	-5409.3
8177	10.1	170831.4	-5407.1	8267	8.4	171430.2	-5417.0	8357	9.8	172043.5	-5439.7
8178	10.1	170833.8	-5437.7	8268	9.0	171430.7	-5420.0	8358	8.6	172049.0	-5440.4
8179	10.0	170833.9	-5447.3	8269	7.4	171433.2	-5426.3	8359	10.1	172050.0	-5412.5
8180	10.1	170839.9	-5439.7	8270	10.1	171433.5	-5417.0	8360	10.1	172106.0	-5415.3
8181	10.1	170842.4	-5421.0	8271	10.0	171449.7	-5410.4	8361	8.2	172108.0	-5435.1
8182	10.1	170842.4	-5429.4	8272	10.1	171450.2	-5457.3	8362	10.1	172112.0	-5446.4
8183	9.4	170846.4	-5413.4	8273	10.0	171512.7	-5432.5	8363	9.2	172127.0	-5446.6
8184	9.8	170848.9	-5443.6	8274	9.3	171516.7	-5411.1	8364	9.0	172127.0	-5415.1
8185	9.6	170849.4	-5453.1	8275	10.0	171518.7	-5430.6	8365	10.0	172132.0	-5438.6
8186	9.6	170851.4	-5444.3	8276	9.6	171519.2	-5454.0	8366	10.1	172133.0	-5432.2
8187	10.1	170859.4	-5407.2	8277	9.4	171520.7	-5450.1	8367	9.4	172136.5	-5430.9
8188	9.8	170900.4	-5428.2	8278	10.1	171527.5	-5402.8	8368	10.0	172138.5	-5459.9
8189	9.6	170909.9	-5421.8	8279	10.1	171528.2	-5410.4	8369	9.8	172145.5	-5443.0
8190	10.0	170910.4	-5438.8	8280	10.1	171531.2	-5448.4	8370	9.8	172147.5	-5454.9
8191	7.6	170912.2	-5458.8	8281	10.1	171535.0	-5449.8	8371	9.8	172210.0	-5428.6
8192	10.1	170912.4	-5446.1	8282	9.8	171536.0	-5448.1	8372	10.0	172212.0	-5409.2
8193	8.3	170916.9	-5413.4	8283	10.1	171545.1	-5451.1	8373	9.8	172218.0	-5436.7
8194	10.0	170917.9	-5452.1	8284	10.1	171551.5	-5405.0	8374	10.1	172228.5	-5446.5
8195	9.6	170917.9	-5441.7	8285	10.0	171552.5	-5438.0	8375	9.4	172230.0	-5448.4
8196	10.1	170922.4	-5434.1	8286	10.0	171556.5	-5423.2	8376	9.4	172230.0	-5451.2
8197	10.1	170931.9	-5450.9	8287	9.6	171559.0	-5455.8	8377	10.1	172234.5	-5411.6
8198	10.1	170933.4	-5453.7	8288	10.1	171626.5	-5440.0	8378	9.4	172250.0	-5431.7
8199	10.1	170938.9	-5449.3	8289	10.0	171628.5	-5423.9	8379	10.1	172250.0	-5414.6
8200	9.6	170940.4	-5445.2	8290	9.8	171629.5	-5402.1	8380	10.1	172313.0	-5428.0
8201	10.1	170941.9	-5400.1	8291	9.6	171636.5	-5434.9	8381	8.8	172324.5	-5438.1
8202	10.0	170944.7	-5457.1	8292	10.1	171637.5	-5444.9	8382	10.0	172335.0	-5423.9
8203	8.8	170949.9	-5424.7	8293	9.8	171638.5	-5445.7	8383	8.2	172343.5	-5444.2
8204	10.1	170950.4	-5448.1	8294	10.1	171640.5	-5441.1	8384	9.8	172347.5	-5446.8
8205	10.0	170952.9	-5452.5	8295	10.1	171642.0	-5448.2	8385	10.0	172350.0	-5406.3
8206	9.8	171019.9	-5433.1	8296	10.1	171650.7	-5400.3	8386	9.8	172351.0	-5413.1
8207	10.1	171021.9	-5439.1	8297	10.1	171653.5	-5445.7	8387	7.7	172352.0	-5447.6
8208	10.0	171032.4	-5451.1	8298	10.1	171703.0	-5445.3	8388	10.1	172407.0	-5454.1
8209	9.0	171032.9	-5447.1	8299	10.0	171707.0	-5428.1	8389	10.0	172427.5	-5420.9
8210	10.0	171033.4	-5449.1	8300	9.6	171707.5	-5438.6	8390	10.1	172435.0	-5402.4
8211	9.5	171034.9	-5409.7	8301	9.6	171708.0	-5406.0	8391	9.2	172442.5	-5418.7
8212	9.8	171038.9	-5458.7	8302	9.6	171712.0	-5412.0	8392	10.1	172553.0	-5435.9
8213	9.2	171040.4	-5416.7	8303	9.1	171714.5	-5435.1	8393	10.0	172601.0	-5403.6
8214	10.1	171050.4	-5430.1	8304	8.8	171715.5	-5448.7	8394	9.8	172609.5	-5443.3
8215	10.0	171051.4	-5433.8	8305	10.1	171716.1	-5406.5	8395	9.2	172642.0	-5450.0
8216	9.3	171052.9	-5421.1	8306	10.1	171718.0	-5455.2	8396	10.0	172642.0	-5442.1
8217	9.8	171053.7	-5457.9	8307	10.1	171720.1	-5438.2	8397	10.1	172643.0	-5433.1
8218	10.0	171103.4	-5425.3	8308	9.5	171722.4	-5400.9	8398	10.1	172646.5	-5425.6
8219	10.1	171108.9	-5435.3	8309	9.6	171724.5	-5401.2	8399	9.6	172656.0	-5459.6
8400	9.6	172706.0	-5417.1	8480	9.6	173615.3	-5447.4
8401	9.8	172713.5	-5430.1	8481	10.1	173616.3	-5416.3
8402	9.6	172728.5	-5432.1	8482	10.0	173641.6	-5426.2
8403	6.5	172750.0	-5424.7	8483	10.0	173656.1	-5458.1
8404	9.2	172750.3	-5452.3	8484	9.4	173715.6	-5446.1
8405	9.6	172750.8	-5439.1	8485	10.1	173717.6	-5419.9
8406	10.1	172812.3	-5433.0	8486	8.6	173726.1	-5438.4
8407	9.4	172822.3	-5423.9	8487	10.1	173729.1	-5419.3
8408	8.8	172823.3	-5423.2	8488	10.1	173730.1	-5444.2
8409	9.1	172828.3	-5451.7	8489	10.0	173731.6	-5440.7
8410	9.8	172832.3	-5419.8				
8411	10.0	172835.3	-5448.4				
8412	9.5	172842.8	-5426.1				
8413	9.2	172844.0	-5458.4				
8414	10.0	172845.3	-5427.8				
8415	8.8	172848.8	-5422.9				
8416	9.5	172905.3	-5451.0				
8417	10.1	172908.3	-5444.5				
8418	10.1	172909.3	-5425.7				
8419	10.1	172918.8	-5402.8				
8420	9.2	172919.8	-5406.2				
8421	8.6	172926.8	-5412.6				
8422	8.8	172928.3	-5455.0				
8423	8.2	172931.3	-5416.7				
8424	10.1	172932.3	-5454.5				
8425	9.0	172933.3	-5434.0				
8426	8.6	172934.8	-5445.6				
8427	10.1	172939.8	-5415.1				
8428	10.1	172940.3	-5443.7				
8429	10.1	172956.3	-5443.9				
8430	9.5	173002.3	-5437.3				
8431	10.1	173004.3	-5430.1				
8432	9.8	173012.3	-5458.4				
8433	9.8	173012.8	-5450.9				
8434	9.5	173015.3	-5424.1				
8435	10.0	173018.8	-5415.0				
8436	10.1	173026.8	-5412.7				
8437	9.5	173028.8	-5434.3				
8438	10.0	173034.3	-5445.9				
8439	10.0	173053.3	-5421.9				
8440	10.0	173114.3	-5409.2				
8441	10.0	173115.8	-5440.0				
8442	10.0	173118.3	-5418.9				
8443	10.0	173132.3	-5425.7				
8444	9.4	173146.8	-5446.6				
8445	9.8	173155.3	-5450.7				
8446	10.1	173200.3	-5407.7				
8447	9.4	173201.3	-5439.5				
8448	10.0	173203.3	-5438.3				
8449	9.1	173217.8	-5437.3				
8450	9.6	173227.8	-5457.1				
8451	10.1	173232.3	-5447.7				
8452	10.1	173241.8	-5458.3				
8453	9.1	173306.8	-5413.8				
8454	9.5	173313.3	-5420.4				
8455	10.1	173315.3	-5408.3				
8456	9.2	173326.8	-5438.4				
8457	10.0	173341.3	-5403.4				
8458	10.0	173341.8	-5407.4				
8459	10.0	173343.8	-5414.9				
8460	10.1	173350.3	-5418.3				
8461	9.2	173353.8	-5441.8				
8462	9.0	173410.8	-5449.5				
8463	10.1	173411.3	-5421.0				
8464	10.1	173421.8	-5430.9				
8465	9.2	173422.3	-5442.8				
8466	10.1	173423.3	-5454.3				
8467	9.4	173448.3	-5419.0				
8468	7.5	173450.3	-5404.4				
8469	10.1	173502.8	-5449.7				
8470	10.1	173503.3	-5425.1				
8471	9.4	173506.3	-5445.9				
8472	10.0	173507.8	-5404.4				
8473	10.0	173521.3	-5410.3				
8474	10.0	173538.8	-5452.5				
8475	9.8	173538.8	-5422.2				
8476	10.1	173548.8	-5452.4				
8477	9.6	173559.8	-5411.3				
8478	9.8	173601.8	-5442.4				
8479	9.5	173601.8	-5405.7				

8490	10.1	173738.6	-5458.8	8580	9.5	174704.6	-5436.9	8670	9.8	175554.0	-5425.9	8760	9.8	180324.3	-5433.3
8491	8.3	173740.6	-5439.1	8581	10.1	174710.5	-5457.8	8671	9.8	175600.7	-5401.0	8761	8.4	180329.3	-5423.5
8492	10.1	173742.1	-5457.8	8582	10.0	174727.1	-5401.9	8672	9.8	175601.0	-5430.7	8762	9.3	180329.3	-5432.4
8493	8.4	173745.6	-5423.7	8583	10.1	174732.6	-5448.4	8673	9.6	175610.7	-5401.7	8763	9.5	180330.8	-5440.7
8494	10.1	173747.1	-5424.6	8584	9.4	174739.1	-5404.9	8674	9.8	175615.5	-5413.7	8764	9.6	180339.8	-5433.3
8495	10.1	173800.1	-5428.0	8585	10.0	174745.6	-5407.6	8675	9.5	175617.0	-5427.7	8765	8.8	180340.8	-5446.2
8496	8.6	173809.6	-5431.5	8586	10.1	174748.6	-5453.2	8676	9.4	175619.5	-5439.6	8766	9.8	180342.3	-5423.6
8497	9.6	173814.6	-5459.0	8587	9.2	174824.1	-5443.7	8677	9.6	175621.0	-5418.3	8767	9.3	180351.8	-5417.3
8498	10.0	173846.1	-5403.1	8588	8.6	174829.6	-5433.6	8678	9.2	175623.0	-5447.4	8768	9.4	180352.8	-5425.2
8499	10.1	173848.6	-5440.4	8589	9.8	174831.4	-5428.9	8679	9.8	175632.5	-5438.0	8769	9.6	180402.8	-5417.0
8500	10.1	173851.1	-5403.4	8590	10.0	174835.1	-5426.0	8680	9.4	175634.5	-5448.0	8770	9.8	180407.3	-5415.5
8501	10.1	173853.1	-5439.0	8591	9.4	174835.1	-5451.1	8681	7.8	175637.5	-5411.0	8771	8.5	180407.8	-5404.9
8502	10.0	173855.1	-5415.2	8592	9.6	174835.6	-5436.0	8682	9.1	175638.0	-5400.1	8772	9.6	180407.8	-5452.9
8503	10.1	173909.6	-5423.9	8593	9.5	174841.6	-5443.6	8683	9.4	175642.0	-5451.4	8773	9.8	180409.3	-5416.1
8504	9.8	173910.1	-5446.5	8594	9.8	174854.6	-5437.8	8684	9.0	175650.5	-5439.3	8774	9.2	180413.3	-5407.7
8505	8.8	173918.2	-5402.1	8595	10.0	174900.1	-5415.5	8685	9.8	175654.7	-5457.0	8775	9.8	180415.3	-5444.5
8506	10.1	173926.6	-5423.5	8596	10.0	174901.6	-5409.9	8686	9.7	175655.5	-5458.3	8776	9.6	180420.3	-5440.2
8507	10.0	173926.6	-5427.0	8597	9.8	174922.6	-5417.0	8687	9.8	175709.5	-5436.2	8777	9.8	180423.3	-5416.1
8508	10.0	173933.3	-5415.4	8598	10.1	174924.8	-5427.3	8688	9.6	175711.5	-5432.8	8778	9.7	180427.3	-5430.8
8509	10.0	173952.8	-5418.1	8599	10.0	174936.8	-5412.9	8689	9.4	175717.0	-5431.5	8779	9.2	180430.3	-5432.7
8510	8.5	173954.8	-5405.1	8600	9.6	174941.8	-5455.6	8690	7.5	175721.0	-5409.4	8780	9.4	180430.8	-5415.9
8511	10.1	174000.3	-5416.4	8601	10.1	174949.8	-5417.4	8691	8.9	175722.5	-5420.8	8781	9.8	180437.3	-5427.8
8512	9.5	174005.3	-5446.6	8602	9.5	174954.3	-5450.3	8692	9.2	175723.0	-5411.4	8782	9.4	180447.3	-5413.9
8513	8.2	174010.8	-5441.1	8603	10.1	175013.8	-5440.1	8693	9.4	175733.0	-5402.6	8783	9.8	180455.8	-5439.0
8514	10.1	174015.8	-5449.1	8604	8.4	175014.8	-5420.3	8694	9.6	175737.0	-5427.6	8784	8.8	180455.8	-5423.6
8515	8.4	174021.8	-5417.3	8605	9.6	175028.8	-5433.6	8695	9.3	175741.0	-5444.6	8785	9.6	180509.3	-5418.5
8516	10.1	174026.5	-5458.8	8606	10.1	175034.3	-5431.5	8696	9.7	175751.0	-5452.9	8786	9.8	180520.7	-5441.2
8517	9.2	174027.3	-5409.6	8607	9.6	175041.3	-5434.6	8697	8.5	175753.0	-5416.1	8787	9.8	180528.7	-5434.9
8518	10.1	174027.8	-5448.7	8608	10.0	175044.3	-5442.2	8698	9.8	175756.0	-5428.0	8788	9.5	180557.7	-5435.3
8519	9.6	174031.8	-5433.8	8609	10.1	175047.3	-5415.8	8699	9.2	175807.0	-5407.7	8789	9.7	180601.7	-5450.2
8520	8.2	174049.8	-5413.3	8610	10.1	175051.8	-5432.5	8700	9.6	175815.2	-5459.5	8790	9.7	180606.2	-5451.8
8521	9.8	174058.3	-5442.9	8611	9.8	175051.8	-5423.1	8701	9.8	175826.0	-5405.3	8791	9.8	180606.7	-5423.2
8522	10.0	174101.8	-5419.6	8612	10.1	175105.8	-5424.1	8702	9.2	175830.5	-5410.8	8792	9.3	180610.2	-5457.0
8523	9.8	174113.3	-5402.2	8613	10.1	175109.3	-5404.1	8703	9.8	175835.2	-5423.8	8793	9.8	180625.2	-5449.1
8524	10.1	174114.8	-5434.2	8614	9.8	175110.8	-5423.3	8704	9.7	175837.0	-5416.7	8794	9.2	180631.7	-5412.1
8525	10.0	174116.3	-5417.6	8615	9.2	175117.0	-5405.7	8705	9.4	175849.5	-5454.8	8795	9.7	180646.7	-5422.0
8526	9.8	174129.3	-5419.1	8616	9.8	175122.7	-5434.2	8706	9.8	175853.5	-5422.9	8796	9.3	180648.2	-5449.7
8527	10.1	174143.3	-5437.6	8617	9.3	175122.7	-5412.4	8707	9.8	175858.0	-5443.9	8797	9.7	180657.2	-5437.0
8528	10.0	174146.3	-5422.2	8618	9.2	175128.7	-5417.8	8708	9.8	175901.0	-5402.9	8798	9.8	180700.7	-5424.7
8529	10.0	174156.3	-5413.8	8619	9.8	175134.7	-5441.4	8709	9.6	175908.0	-5441.8	8799	9.0	180702.7	-5412.2
8530	9.8	174159.3	-5401.5	8620	9.8	175137.7	-5448.0	8710	9.7	175910.5	-5423.3	8800	9.2	180711.7	-5404.2
8531	10.0	174200.8	-5449.7	8621	9.3	175140.2	-5453.8	8711	9.2	175917.7	-5456.9	8801	9.8	180712.2	-5452.5
8532	9.2	174216.8	-5434.4	8622	8.9	175142.7	-5404.2	8712	9.8	175921.0	-5448.1	8802	9.8	180731.7	-5404.0
8533	9.8	174221.8	-5408.9	8623	9.8	175146.2	-5441.6	8713	9.5	175924.5	-5441.9	8803	9.8	180736.2	-5452.6
8534	9.4	174309.1	-5400.0	8624	9.8	175146.4	-5401.2	8714	9.4	175930.8	-5410.6	8804	9.6	180752.7	-5449.3
8535	9.4	174310.8	-5447.7	8625	9.4	175147.5	-5430.5	8715	9.2	175939.3	-5423.6	8805	9.6	180756.7	-5441.3
8536	9.4	174313.8	-5443.5	8626	9.8	175209.7	-5455.8	8716	9.2	175940.8	-5400.5	8806	8.0	180803.2	-5422.2
8537	9.5	174319.2	-5427.3	8627	9.4	175213.0	-5434.7	8717	9.5	175950.3	-5453.3	8807	9.2	180810.7	-5413.0
8538	10.1	174330.7	-5452.3	8628	9.8	175226.0	-5458.7	8718	9.5	180001.8	-5415.2	8808	9.8	180812.7	-5436.4
8539	9.4	174341.7	-5432.9	8629	9.4	175231.2	-5434.7	8719	9.3	180002.8	-5452.4	8809	9.8	180815.7	-5400.3
8540	10.0	174343.2	-5445.3	8630	9.5	175232.7	-5431.6	8720	9.8	180003.3	-5444.1	8810	9.4	180827.2	-5400.8
8541	9.5	174358.2	-5431.0	8631	9.8	175237.2	-5425.4	8721	9.6	180006.8	-5454.9	8811	9.4	180830.7	-5417.8
8542	9.4	174402.7	-5438.6	8632	9.8	175240.2	-5448.7	8722	9.8	180007.1	-5451.7	8812	9.5	180834.2	-5433.2
8543	9.5	174409.2	-5419.3	8633	9.8	175247.7	-5431.0	8723	9.7	180008.3	-5423.6	8813	9.8	180847.2	-5400.8
8544	9.4	174416.2	-5423.0	8634	9.4	175250.7	-5431.5	8724	9.6	180008.8	-5407.5	8814	8.8	180914.1	-5400.9
8545	9.4	174431.7	-5444.6	8635	9.4	175301.2	-5420.6	8725	9.8	180014.3	-5440.5	8815	9.8	180922.1	-5440.2
8546	9.6	174439.7	-5454.9	8636	9.6	175309.7	-5439.8	8726	9.6	180016.8	-5438.0	8816	9.8	180924.1	-5409.9
8547	9.8	174441.2	-5452.8	8637	9.8	175313.2	-5413.6	8727	9.0	180018.3	-5415.2	8817	9.8	180924.6	-5424.1
8548	10.0	174445.2	-5411.0	8638	9.3	175338.2	-5409.3	8728	9.3	180022.8	-5400.9	8818	9.7	180928.6	-5411.0
8549	9.6	174446.2	-5448.8	8639	9.5	175343.2	-5436.8	8729	9.8	180038.8	-5417.4	8819	9.8	180936.6	-5410.2
8550	8.8	174452.7	-5418.3	8640	9.4	175345.2	-5425.8	8730	9.8	180040.8	-5428.0	8820	8.7	180939.6	-5444.0
8551	8.8	174508.7	-5425.6	8641	9.8	175349.2	-5401.6	8731	9.8	180042.3	-5437.5	8821	9.8	180949.4	-5400.4
8552	10.0	174512.2	-5402.2	8642	9.4	175349.2	-5449.9	8732	9.2	180049.3	-5409.9	8822	9.8	180951.1	-5413.2
8553	10.0	174514.7	-5424.4	8643	9.8	175352.2	-5422.2	8733	9.8	180051.3	-5424.7	8823	9.1	180952.6	-5438.8
8554	10.1	174516.6	-5400.7	8644	9.7	175357.0	-5426.0	8734	9.5	180053.8	-5426.8	8824	9.8	180954.1	-5456.0
8555	8.8	174525.2	-5401.8	8645	9.8	175404.0	-5441.3	8735	9.6	180100.8	-5414.8	8825	9.7	180955.3	-5458.5
8556	10.1	174529.7	-5422.1	8646	9.6	175404.5	-5408.5	8736	9.0	180105.8	-5416.2	8826	9.8	180958.6	-5457.0
8557	10.1	174530.0	-5458.5	8647	9.3	175407.0	-5413.1	8737	9.8	180108.8	-5454.0	8827	9.2	181012..	-5412.6
8558	10.1	174530.2	-5412.0	8648	9.8	175410.0	-5458.8	8738	9.8	180111.3	-5439.2	8828	8.6	181012.6	-5405.4
8559	10.0	174531.2	-5420.1	8649	9.8	175413.5	-5428.2	8739	9.8	180118.7	-5459.4	8829	9.8	181014.6	-5442.0
8560	8.3	174532.2	-5409.6	8650	9.8	175419.5	-5452.5	8740	8.7	180132.3	-5408.3	8830	8.8	181018.1	-5427.2
8561	10.0	174543.2	-5446.7	8651	9.0	175422.5	-5406.5	8741	9.8	180136.3	-5405.4	8831	9.7	181026.1	-5444.0
8562	9.5	174549.7	-5453.2	8652	9.3	175428.0	-5439.1	8742	9.6	180150.8	-5418.6	8832	9.8	181047.1	-5420.5
8563	9.6	174605.2	-5423.0	8653	9.8	175431.0	-5423.3	8743	9.8	180154.3	-5456.3	8833	9.8	181056.6	-5418.6
8564	7.6	174607.7	-5421.1	8654	8.9	175433.0	-5410.0	8744	9.6	180201.1	-5401.4	8834	9.4	181114.6	-5436.0
8565	9.5	174608.7	-5454.3	8655	9.8	175441.0	-5449.9	8745	9.7	180204.3	-5405.1	8835	8.8	181122.6	-5414.2
8566	10.1	174610.2	-5443.1	8656	9.6	175441.5	-5400.4	8746	8.5	180220.3	-5449.0	8836	9.4	181124.1	-5431.9
8567	10.0	174611.5	-5413.1	8657	9.6	175442.5	-5425.3	8747	9.8	180221.8	-5450.4	8837	9.8	181132.1	-5428.4
8568	9.8	174618.7	-5443.2	8658	9.0	175457.0	-5439.9	8748	8.9	180222.3	-5424.4	8838	9.8	181133.1	-5447.0
8569	10.0	174619.7	-5417.6	8659	9.7	175457.1	-5421.9	8749	9.8	180228.8	-5405.5	8839	9.8	181136.6	-5445.3
8570	10.0	174622.2	-5415.7	8660	9.8	175500.7	-5400.3	8750	9.7	180237.8	-5431.2	8840	9.3	181139.6	-5406.6
8571	10.0	174622.7	-5407.0	8661	9.7	175506.5	-5406.2	8751	9.8	180240.8	-5416.1	8841	9.4	181140.6	-5434.3
8572	10.0	174623.7	-5454.8	8662	9.8	175508.0	-5422.3	8752	9.8	180241.8	-5442.0	8842	9.7	181153.0	-5458.9
8573	10.1	174626.7	-5455.6	8663	9.4	175510.0	-5452.0	8753	9.8	180247.3	-5445.1	8843	9.8	181206.1	-5443.3
8574	10.1	174629.6	-5428.8	8664	9.8	175513.0	-5450.7	8754	9.4	180250.8	-5405.9	8844	9.6	181221.6	-5424.2
8575	10.1	174632.6	-5409.5	8665	9.4	175517.0	-5410.3	8755	9.8	180258.8	-5445.9	8845	9.6	181221.6	-5456.0
8576	10.0	174634.1	-5403.3	8666	9.6	175531.0	-5427.7	8756	9.4	180307.8	-5447.4	8846	9.7	181237.3	-5417.4
8577	9.1	174637.6	-5411.0	8667	9.8	175537.0	-5441.9	8757	9.6	180311.3	-5407.3	8847	9.8	181249.8	-5450.0
8578	9.8	174646.6	-5407.0	8668	9.8	175541.0	-5433.3	8758	9.8	180311.8	-5404.5	8848	9.8	181251.3	-5459.5
8579	10.0	174702.6	-5411.7	8669	9.8	175549.5	-5422.8	8759	9.8	180314.3	-5435.5	8849	9.8	181251.3	-5430.8

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8850	8.4	181318.6	-5452.2
8851	9.8	181330.8	-5408.0
8852	9.8	181333.8	-5408.0
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8854	9.3	181336.3	-5456.1
8855	9.8	181345.3	-5433.3
8856	9.8	181347.8	-5416.6
8857	9.0	181355.8	-5437.0
8858	9.6	181401.3	-5426.4
8859	9.8	181405.8	-5456.1
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8862	9.3	181424.3	-5422.9
8863	9.8	181427.3	-5437.3
8864	9.6	181433.8	-5436.4
8865	9.2	181437.3	-5455.0
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8867	8.6	181453.8	-5441.9
8868	9.6	181500.3	-5425.6
8869	9.8	181503.8	-5430.1
8870	9.4	181503.8	-5440.8
8871	8.8	181506.8	-5406.0
8872	9.8	181508.8	-5423.7
8873	9.8	181519.8	-5446.7
8874	9.3	181522.8	-5411.5
8875	9.7	181525.8	-5431.0
8876	9.8	181526.8	-5439.0
8877	9.8	181532.3	-5451.2
8878	9.4	181558.3	-5437.6
8879	9.6	181612.3	-5400.2
8880	9.5	181620.8	-5404.6
8881	9.6	181621.6	-5434.0
8882	9.0	181631.6	-5457.9
8883	9.4	181646.1	-5451.7
8884	9.7	181651.1	-5424.0
8885	9.2	181651.6	-5440.1
8886	9.0	181700.1	-5442.9
8887	9.3	181722.6	-5423.9
8888	8.4	181724.6	-5406.0
8889	9.7	181742.1	-5410.3
8890	9.8	181753.1	-5411.9
8891	9.2	181802.1	-5407.0
8892	9.8	181803.6	-5430.3
8893	9.8	181813.1	-5457.6
8894	9.8	181816.1	-5405.0
8895	8.6	181830.1	-5445.9
8896	9.2	181851.6	-5430.8
8897	9.0	181900.1	-5432.2
8898	9.6	181910.1	-5451.4
8899	9.8	181915.6	-5423.0
8900	9.8	181921.6	-5420.2
8901	9.8	181923.1	-5407.2
8902	9.8	181924.1	-5458.3
8903	9.8	181934.4	-5402.5
8904	9.3	181945.6	-5427.1
8905	9.8	181946.6	-5432.9
8906	9.5	181951.6	-5406.9
8907	9.8	181952.1	-5454.9
8908	9.4	182002.1	-5403.0
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8910	9.7	182036.1	-5443.9
8911	7.6	182045.1	-5443.4
8912	9.4	182050.6	-5440.7
8913	9.6	182053.6	-5419.4
8914	9.0	182127.8	-5415.5
8915	9.4	182138.3	-5444.9
8916	9.8	182141.8	-5443.5
8917	9.3	182141.8	-5441.5
8918	9.3	182151.8	-5441.7
8919	9.8	182219.8	-5427.1
8920	8.6	182225.8	-5437.6
8921	9.5	182229.8	-5447.6
8922	8.5	182251.8	-5420.5
8923	9.8	182315.3	-5437.6
8924	9.8	182317.8	-5424.1
8925	9.3	182322.8	-5431.4
8926	9.1	182329.3	-5410.1
8927	9.3	182329.8	-5440.6
8928	9.8	182333.3	-5445.0
8929	9.4	182339.3	-5455.1
8930	9.8	182339.8	-5404.6
8931	9.8	182351.3	-5443.9
8932	9.7	182352.8	-5415.1
8933	9.8	182357.8	-5451.8
8934	9.8	182402.8	-5411.2
8935	9.8	182407.2	-5440.3
8936	9.6	182410.5	-5450.2
8937	7.4	182411.8	-5410.5
8938	9.2	182413.0	-5401.3
8939	9.6	182415.5	-5445.7
8940	9.4	182415.8	-5429.7
8941	10.0	182417.3	-5432.9
8942	9.6	182432.3	-5402.7
8943	9.4	182439.0	-5410.0
8944	9.8	182439.6	-5422.9
8945	10.0	182446.8	-5446.8
8946	9.0	182448.8	-5439.9
8947	9.9	182449.8	-5433.3
8948	9.9	182451.8	-5432.7
8949	9.8	182452.8	-5445.0
8950	10.0	182502.8	-5410.1
8951	10.0	182510.3	-5402.0
8952	8.8	182520.8	-5453.3
8953	9.5	182537.8	-5449.1
8954	10.0	182540.8	-5418.5
8955	8.7	182542.3	-5424.9
8956	9.6	182547.3	-5433.9
8957	9.4	182548.3	-5414.4
8958	10.0	182552.8	-5400.6
8959	9.4	182554.3	-5418.1
8960	9.9	182600.8	-5430.9
8961	9.8	182603.3	-5447.9
8962	10.0	182623.8	-5441.5
8963	8.4	182631.3	-5425.4
8964	10.0	182642.8	-5437.7
8965	9.5	182700.8	-5448.9
8966	10.0	182701.8	-5447.0
8967	10.0	182702.3	-5402.3
8968	9.9	182713.3	-5458.9
8969	8.8	182725.8	-5414.3
8970	9.4	182726.8	-5436.3
8971	9.9	182726.8	-5412.8
8972	9.6	182730.8	-5446.8
8973	9.6	182739.8	-5432.5
8974	9.2	182745.3	-5455.7
8975	10.0	182800.8	-5412.3
8976	8.8	182805.3	-5429.8
8977	9.8	182811.3	-5451.1
8978	10.0	182819.3	-5413.7
8979	9.6	182823.8	-5401.0
8980	9.4	182824.8	-5458.9
8981	9.4	182827.3	-5401.9
8982	9.5	182840.3	-5433.8
8983	9.4	182844.8	-5410.3
8984	8.8	182851.8	-5446.9
8985	10.0	182858.3	-5425.3
8986	10.0	182908.8	-5440.0
8987	8.1	182918.8	-5415.1
8988	9.0	182929.8	-5446.7
8989	8.6	182931.3	-5448.3
8990	10.0	182932.8	-5436.9
8991	9.4	182941.3	-5416.8
8992	10.0	182944.8	-5451.0
8993	9.6	182953.8	-5428.7
8994	10.0	182957.8	-5418.9
8995	9.8	183007.3	-5434.3
8996	10.0	183009.8	-5410.8
8997	8.9	183015.8	-5451.8
8998	8.8	183026.3	-5445.5
8999	9.4	183028.3	-5448.1
9000	10.0	183035.8	-5459.0
9001	9.9	183044.8	-5403.9
9002	9.4	183049.8	-5414.9
9003	9.9	183058.3	-5417.1
9004	10.0	183058.3	-5414.4
9005	9.9	183104.8	-5417.1
9006	9.2	183120.3	-5452.0
9007	9.4	183124.0	-5401.5
9008	10.0	183127.8	-5448.5
9009	10.0	183146.8	-5454.7
9010	9.4	183149.8	-5413.8
9011	9.9	183150.8	-5422.9
9012	9.9	183153.8	-5453.9
9013	9.5	183154.3	-5416.4
9014	9.9	183203.3	-5414.0
9015	9.2	183216.8	-5430.7
9016	9.9	183220.3	-5424.5
9017	10.0	183226.3	-5458.8
9018	8.7	183231.8	-5435.7
9019	8.7	183231.8	-5405.7
9020	10.0	183237.3	-5413.8
9021	9.6	183237.5	-5401.9
9022	10.0	183241.4	-5458.7
9023	9.6	183301.8	-5408.4
9024	9.8	183303.3	-5411.7
9025	9.4	183304.3	-5428.0
9026	9.6	183315.8	-5459.8
9027	10.0	183317.8	-5429.5
9028	9.8	183319.8	-5419.1
9029	10.0	183320.8	-5422.6

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9030	9.2	183325.3	-5409.9
9031	10.0	183327.8	-5421.3
9032	9.4	183334.8	-5418.7
9033	8.6	183336.8	-5423.9
9034	10.0	183345.2	-5401.9
9035	8.9	183359.8	-5410.8
9036	10.0	183401.8	-5423.3
9037	9.4	183413.8	-5443.9
9038	10.0	183415.8	-5435.9
9039	9.6	183418.8	-5432.3
9040	9.8	183420.8	-5403.1
9041	9.8	183427.3	-5421.9
9042	9.9	183431.8	-5421.4
9043	8.7	183433.3	-5401.3
9044	8.6	183438.5	-5400.8
9045	8.8	183441.3	-5457.3
9046	9.8	183449.7	-5408.4
9047	9.4	183450.7	-5440.6
9048	9.6	183453.2	-5410.7
9049	9.4	183454.7	-5423.1
9050	9.8	183454.7	-5447.9
9051	10.0	183456.5	-5434.7
9052	10.0	183501.7	-5458.9
9053	9.2	183502.2	-5408.9
9054	9.8	183503.2	-5449.8
9055	10.0	183519.7	-5403.1
9056	10.0	183529.7	-5418.6
9057	8.7	183535.7	-5456.0
9058	10.0	183535.7	-5406.5
9059	9.0	183538.2	-5410.4
9060	9.6	183558.7	-5436.4
9061	9.8	183611.7	-5402.0
9062	9.4	183619.7	-5432.1
9063	10.0	183626.2	-5433.9
9064	9.4	183626.7	-5440.0
9065	9.4	183627.7	-5431.1
9066	9.4	183642.2	-5404.0
9067	9.4	183642.2	-5447.9
9068	9.5	183649.7	-5416.8
9069	9.6	183659.2	-5431.6
9070	9.5	183701.2	-5453.2
9071	9.4	183703.2	-5453.5
9072	9.4	183713.2	-5417.8
9073	9.8	183719.7	-5444.0
9074	9.2	183727.4	-5458.0
9075	9.6	183730.2	-5424.9
9076	10.0	183744.7	-5417.6
9077	9.6	183755.2	-5404.5
9078	10.0	183800.5	-5451.8
9079	9.4	183802.7	-5421.0
9080	8.8	183805.2	-5441.9
9081	9.8	183815.2	-5455.6
9082	9.0	183829.6	-5439.0
9083	9.4	183851.6	-5424.6
9084	10.0	183851.6	-5455.4
9085	9.8	183852.6	-5433.2
9086	9.6	183859.6	-5454.2
9087	9.4	183925.6	-5444.2
9088	10.0	183936.1	-5448.3
9089	8.8	183939.1	-5440.1
9090	9.1	183941.6	-5453.9
9091	9.4	183949.6	-5403.8
9092	7.7	183952.6	-5435.9
9093	9.4	183955.1	-5400.6
9094	8.3	184000.6	-5429.7
9095	9.6	184002.6	-5420.0
9096	9.8	184015.1	-5419.2
9097	9.2	184018.1	-5408.7
9098	9.0	184020.1	-5451.0
9099	10.0	184021.6	-5403.1
9100	8.2	184026.6	-5406.1
9101	10.0	184031.6	-5400.6
9102	10.0	184044.1	-5405.1
9103	10.0	184044.6	-5415.9
9104	9.9	184045.3	-5459.5
9105	10.0	184046.6	-5437.1
9106	9.8	184051.6	-5449.3
9107	10.0	184108.0	-5458.3
9108	9.6	184109.2	-5401.5
9109	9.5	184121.1	-5417.1
9110	9.2	184123.6	-5451.2
9111	9.4	184126.6	-5451.8
9112	10.0	184132.1	-5442.1
9113	10.0	184147.0	-5401.4
9114	8.4	184149.1	-5426.5
9115	9.0	184151.6	-5404.1
9116	9.8	184157.6	-5448.7
9117	10.0	184158.1	-5424.4
9118	9.9	184201.1	-5412.2
9119	10.0	184203.6	-5453.7
9120	9.1	184209.1	-5430.1
9121	9.9	184224.6	-5423.6
9122	9.9	184227.1	-5406.1
9123	9.6	184230.6	-5412.1
9124	9.9	184231.6	-5417.7
9125	9.9	184234.1	-5453.1
9126	10.0	184240.6	-5428.1
9127	9.9	184241.1	-5441.4
9128	9.8	184244.1	-5444.6
9129	9.6	184249.6	-5431.2
9130	9.9	184250.6	-5428.8
9131	10.0	184251.1	-5416.9
9132	8.8	184256.6	-5441.2
9133	10.0	184258.6	-5421.4
9134	10.0	184300.1	-5448.6
9135	9.4	184303.1	-5426.5
9136	8.7	184307.6	-5435.0
9137	8.7	184313.1	-5425.0
9138	9.6	184316.1	-5438.2
9139	9.5	184319.1	-5416.2
9140	9.2	184331.6	-5439.0
9141	9.8	184336.6	-5412.9
9142	8.8	184351.6	-5430.1
9143	10.0	184400.1	-5429.3
9144	10.0	184420.3	-5459.0
9145	9.2	184420.6	-5430.0
9146	9.4	184425.6	-5442.1
9147	9.4	184429.1	-5410.7
9148	9.8	184429.6	-5445.0
9149	9.1	184431.6	-5450.7
9150	10.0	184434.6	-5427.0
9151	10.0	184436.1	-5431.9
9152	9.6	184443.6	-5421.9
9153	10.0	184444.1	-5427.0
9154	10.0	184446.6	-5405.1
9155	9.9	184502.6	-5418.0
9156	9.2	184508.1	-5417.7
9157	9.4	184513.1	-5421.7
9158	9.4	184520.6	-5425.7
9159	10.0	184522.1	-5440.5
9160	9.4	184523.6	-5411.7
9161	9.6	184525.6	-5403.7
9162	9.9	184541.6	-5417.7
9163	9.6	184542.6	-5419.1
9164	10.0	184552.1	-5401.3
9165	10.0	184558.1	-5406.7
9166	7.4	184620.6	-5443.3
9167	9.6	184626.1	-5444.8
9168	9.4	184626.6	-5408.0
9169	10.0	184642.1	-5432.9
9170	10.0	184647.8	-5458.0
9171	10.0	184647.9	-5401.1
9172	10.0	184703.1	-5430.1
9173	10.0	184703.1	-5418.1
9174	10.0	184715.1	-5430.7
9175	10.0	184715.6	-5422.9
9176	9.6	184720.6	-5444.1
9177	9.5	184726.1	-5428.5
9178	9.2	184740.1	-5423.5
9179	9.4	184741.6	-5456.1
9180	9.2	184755.6	-5434.8
9181	10.0	184757.6	-5444.9
9182	9.2	184800.1	-5431.5
9183	9.9	184803.1	-5409.9
9184	9.6	184816.1	-5431.5
9185	9.2	184818.1	-5436.9
9186	9.2	184823.6	-5426.1
9187	10.0	184829.6	-5435.9
9188	9.8	184830.1	-5433.9
9189	10.0	184843.1	-5420.3
9190	10.0	184848.1	-5419.0
9191	10.0	184853.1	-5426.7
9192	9.4	184855.3	-5458.1
9193	9.6	184856.1	-5407.1
9194	8.6	184914.3	-5400.1
9195	9.5	184928.6	-5420.3
9196	9.2	184929.1	-5408.2
9197	10.0	184932.6	-5446.9
9198	8.8	184937.4	-5406.6
9199	9.4	184944.4	-5444.0
9200	10.0	185000.2	-5402.4
9201	9.6	185009.4	-5407.8
9202	9.4	185018.4	-5433.7
9203	9.9	185030.4	-5413.2
9204	10.0	185031.4	-5420.1
9205	9.8	185055.9	-5435.8
9206	9.8	185123.4	-5455.7
9207	10.0	185126.9	-5425.9
9208	10.0	185127.9	-5452.7
9209	10.0	185135.4	-5448.8

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-54 9569 19h52m

9210	9.8	185140.9	-5423.9	9300	10.3	190627.8	-5407.8	9390	10.3	192143.7	-5421.6
9211	9.9	185145.4	-5419.5	9301	9.6	190636.3	-5438.6	9391	7.8	192157.7	-5425.3
9212	10.0	185148.9	-5419.8	9302	10.3	190637.8	-5410.0	9392	9.6	192202.2	-5413.1
9213	9.9	185152.9	-5424.9	9303	10.3	190638.8	-5442.2	9393	8.4	192209.7	-5456.4
9214	9.6	185154.9	-5443.7	9304	9.8	190653.8	-5442.3	9394	10.3	192209.8	-5439.5
9215	9.4	185215.4	-5414.9	9305	9.2	190656.8	-5450.2	9395	10.3	192239.2	-5435.5
9216	9.6	185215.9	-5456.6	9306	10.3	190659.8	-5456.0	9396	9.8	192257.7	-5429.8
9217	9.4	185224.9	-5447.3	9307	10.3	190713.8	-5454.0	9397	10.3	192257.7	-5452.8
9218	10.0	185224.9	-5450.8	9308	10.3	190730.8	-5401.4	9398	8.2	192304.7	-5447.4
9219	9.9	185225.9	-5430.1	9309	10.2	190739.3	-5453.3	9399	10.3	192309.7	-5437.6
9220	10.0	185241.4	-5418.6	9310	10.3	190741.8	-5405.0	9400	10.3	192320.7	-5410.4
9221	8.4	185243.4	-5422.8	9311	9.2	190746.3	-5425.0	9401	10.3	192330.5	-5401.4
9222	10.0	185244.4	-5431.6	9312	10.0	190746.3	-5453.2	9402	10.3	192331.2	-5428.2
9223	8.0	185249.9	-5444.9	9313	9.4	190746.3	-5454.6	9403	10.2	192359.6	-5459.5
9224	10.0	185251.4	-5449.7	9314	10.2	190748.3	-5456.0	9404	10.3	192401.5	-5432.2
9225	9.4	185305.4	-5421.4	9315	9.2	190758.3	-5449.0	9405	8.4	192419.2	-5448.0
9226	9.6	185319.4	-5456.1	9316	10.3	190807.3	-5413.2	9406	10.3	192421.2	-5412.4
9227	8.9	185331.4	-5407.2	9317	9.8	190821.3	-5444.0	9407	10.3	192441.2	-5443.5
9228	9.5	185343.9	-5436.9	9318	10.2	190830.8	-5415.4	9408	9.4	192459.7	-5422.9
9229	9.6	185351.4	-5406.0	9319	10.3	190854.3	-5424.2	9409	10.3	192501.5	-5423.6
9230	10.0	185411.4	-5447.0	9320	9.4	190921.8	-5457.3	9410	10.2	192521.5	-5426.7
9231	9.9	185415.4	-5405.5	9321	8.4	190951.3	-5440.8	9411	9.6	192527.7	-5408.2
9232	9.6	185418.4	-5402.7	9322	10.3	191011.8	-5412.5	9412	10.3	192531.2	-5410.4
9233	9.8	185422.4	-5441.9	9323	9.4	191019.8	-5450.2	9413	9.6	192555.2	-5435.0
9234	9.8	185424.4	-5421.1	9324	10.0	191033.3	-5453.1	9414	10.2	192618.2	-5446.2
9235	8.6	185431.4	-5433.7	9325	10.3	191037.8	-5423.8	9415	9.4	192639.7	-5455.4
9236	10.0	185442.4	-5443.1	9326	10.0	191038.3	-5451.6	9416	9.4	192647.2	-5437.4
9237	9.6	185449.4	-5408.7	9327	9.4	191054.3	-5423.4	9417	10.0	192700.7	-5402.0
9238	9.6	185449.4	-5448.4	9328	9.8	191055.8	-5449.1	9418	8.0	192712.7	-5425.6
9239	9.6	185456.4	-5416.8	9329	9.8	191058.8	-5424.0	9419	10.3	192721.7	-5437.8
9240	9.5	185458.7	-5400.6	9330	8.0	191115.8	-5448.6	9420	10.3	192725.7	-5423.8
9241	9.4	185500.9	-5439.4	9331	8.0	191138.3	-5424.6	9421	9.6	192732.8	-5410.9
9242	10.0	185502.9	-5441.9	9332	10.3	191207.8	-5451.0	9422	10.3	192735.2	-5407.8
9243	9.4	185521.4	-5409.0	9333	10.3	191209.8	-5431.2	9423	9.6	192800.5	-5443.8
9244	9.1	185522.9	-5451.3	9334	10.3	191211.8	-5431.0	9424	10.0	192826.8	-5458.2
9245	10.0	185536.9	-5406.8	9335	10.3	191217.5	-5401.2	9425	9.4	192832.3	-5425.4
9246	10.0	185537.9	-5405.6	9336	10.3	191220.8	-5456.8	9426	9.6	192835.3	-5453.3
9247	9.8	185542.4	-5441.3	9337	9.2	191240.3	-5450.8	9427	10.4	192847.8	-5413.8
9248	10.0	185601.4	-5445.2	9338	10.3	191241.3	-5415.4	9428	10.0	192848.8	-5458.9
9249	9.2	185607.6	-5417.1	9339	5.6	191245.8	-5439.2	9429	10.4	192850.8	-5438.1
9250	10.2	185630.0	-5457.4	9340	10.3	191250.8	-5426.1	9430	9.6	192906.3	-5423.7
9251	10.3	185655.6	-5457.0	9341	7.6	191252.3	-5446.0	9431	9.8	192906.8	-5424.4
9252	10.3	185719.8	-5416.1	9342	9.8	191318.3	-5447.1	9432	10.4	192911.5	-5424.3
9253	10.3	185748.8	-5428.0	9343	10.2	191330.3	-5402.3	9433	10.2	192952.3	-5458.9
9254	10.0	185819.8	-5429.0	9344	7.4	191335.8	-5410.8	9434	9.6	192954.3	-5405.9
9255	9.8	185825.8	-5415.2	9345	10.3	191344.3	-5407.4	9435	10.4	193000.3	-5432.0
9256	9.4	185830.3	-5431.0	9346	9.2	191344.8	-5416.4	9436	9.8	193008.8	-5445.0
9257	10.0	185837.8	-542 .5	9347	10.0	191353.8	-5433.2	9437	10.4	193014.1	-5402.8
9258	8.6	185844.8	-541 .6	9348	10.3	191400.8	-5404.8	9438	7.6	193018.8	-5441.9
9259	10.0	185846.3	-544 .6	9349	10.3	191401.8	-5404.5	9439	10.4	193025.3	-5437.3
9260	9.4	185848.3	-541 .0	9350	9.0	191455.8	-5444.6	9440	10.4	193031.3	-5452.5
9261	9.8	185913.8	-5428.4	9351	9.4	191500.8	-5434.8	9441	10.4	193039.3	-5452.7
9262	10.3	185915.8	-545 .8	9352	9.8	191509.3	-5439.2	9442	10.2	193043.8	-5433.2
9263	10.3	185916.3	-5414.8	9353	9.6	191515.3	-5438.2	9443	7.1	193045.3	-5429.5
9264	10.3	185937.8	-5403.8	9354	9.2	191521.8	-5407.3	9444	10.4	193114.2	-5455.3
9265	9.4	185944.8	-5432.9	9355	10.3	191528.3	-5436.0	9445	9.4	193128.7	-5421.8
9266	10.3	185950.8	-5414.9	9356	8.8	191535.8	-5412.0	9446	10.2	193133.2	-5452.3
9267	9.2	185956.3	-5421.2	9357	9.2	191539.8	-5404.6	9447	9.6	193149.1	-5402.3
9268	9.0	190004.3	-5429.9	9358	9.4	191552.1	-5401.0	9448	10.4	193154.7	-5419.0
9269	8.9	190004.8	-5419.8	9359	8.4	191552.8	-5419.8	9449	10.4	193220.2	-5410.3
9270	9.4	190026.3	-5445.2	9360	9.8	191611.8	-5439.3	9450	10.4	193234.7	-5435.0
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9272	10.3	190117.8	-5419.9	9362	9.6	191634.8	-5450.6	9452	10.4	193256.2	-5415.8
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9646 9.6 200551.8 -5425.3	9736 10.0 203300.0 -5449.3	9826 9.0 210652.1 -5455.1	9916 9.8 213139.3 -5406.0
9647 9.6 200557.8 -5412.6	9737 9.8 203300.1 -5411.1	9827 9.0 210700.6 -5435.3	9917 9.6 213141.3 -5404.3
9648 9.7 200608.3 -5450.5	9738 9.4 203306.6 -5440.1	9828 9.2 210701.6 -5406.1	9918 9.8 213202.8 -5422.6
9649 9.7 200627.3 -5426.2	9739 9.3 203326.4 -5417.0	9829 10.0 210704.1 -5452.1	9919 10.2 213252.8 -5429.9
9650 9.2 200637.3 -5407.9	9740 10.0 203422.4 -5408.1	9830 9.8 210722.1 -5427.7	9920 9.4 213317.8 -5404.9
9651 9.6 200637.3 -5417.0	9741 8.0 203456.4 -5417.3	9831 9.4 210755.6 -5434.4	9921 10.2 213357.8 -5411.3
9652 9.4 200701.8 -5447.2	9742 9.8 203500.4 -5417.9	9832 9.3 210805.6 -5420.1	9922 9.0 213416.3 -5457.8
9653 9.6 200702.8 -5428.0	9743 9.8 203506.9 -5442.9	9833 9.6 210814.1 -5422.5	9923 10.2 213427.5 -5451.4
9654 9.7 200703.3 -5438.1	9744 10.0 203608.9 -5434.6	9834 10.2 210819.1 -5438.3	9924 9.8 213457.5 -5453.0
9655 9.7 200707.8 -5447.4	9745 9.8 203623.4 -5426.7	9835 7.6 210823.1 -5432.1	9925 10.2 213458.3 -5402.2
9656 9.7 200720.8 -5405.0	9746 10.0 203724.9 -5448.1	9836 8.6 210825.1 -5450.6	9926 10.2 213458.5 -5441.8
9657 8.4 200740.8 -5443.5	9747 10.0 203737.1 -5457.8	9837 9.6 210846.6 -5424.2	9927 10.0 213458.5 -5459.4
9658 9.7 200807.8 -5411.8	9748 9.3 203747.0 -5456.5	9838 9.4 210858.1 -5401.0	9928 10.0 213505.0 -5412.8
9659 9.3 200816.8 -5421.3	9749 10.0 203805.4 -5411.5	9839 9.4 210913.1 -5440.9	9929 7.7 213511.0 -5432.8

-54 9929 21h35m

-54 9930 21h35m

-5410289 23h21m

9930	10.2	213513.0	-5401.6	10020	9.4	215853.3	-5427.8	10110	8.9	223026.6	-5436.0
9931	9.8	213521.7	-5446.6	10021	9.4	220001.8	-5412.1	10111	9.2	223030.6	-5400.4
9932	9.2	213542.7	-5405.6	10022	9.4	220010.8	-5435.3	10112	7.5	223058.1	-5422.7
9933	9.6	213543.7	-5436.6	10023	9.8	220015.8	-5415.1	10113	10.0	223124.6	-5415.1
9934	9.0	213551.2	-5442.5	10024	9.2	220019.3	-5407.8	10114	8.4	223206.6	-5446.6
9935	9.8	213556.2	-5419.6	10025	9.5	220022.3	-5405.1	10115	10.4	223230.1	-5457.1
9936	9.8	213557.2	-5427.9	10026	9.6	220030.3	-5440.6	10116	8.9	223414.7	-5435.9
9937	9.8	213606.7	-5439.2	10027	9.8	220047.3	-5458.6	10117	10.4	223520.2	-5415.6
9938	9.4	213626.7	-5407.9	10028	9.8	220208.3	-5417.2	10118	9.4	223547.7	-5431.1
9939	9.5	213636.6	-5420.6	10029	9.0	220210.8	-5437.1	10119	9.8	223628.2	-5423.3
9940	8.9	213716.7	-5435.1	10030	9.4	220308.3	-5404.9	10120	10.0	223702.7	-5420.4
9941	9.8	213730.6	-5453.4	10031	9.4	220345.8	-5446.1	10121	10.4	223705.2	-5422.9
9942	9.4	213734.1	-5405.2	10032	9.6	220346.8	-5451.1	10122	9.6	223719.2	-5445.0
9943	9.8	213741.6	-5410.0	10033	9.8	220416.3	-5430.8	10123	5.8	223756.7	-5409.4
9944	9.3	213751.6	-5446.2	10034	7.4	220422.3	-5454.3	10124	10.4	223800.7	-5437.7
9945	9.8	213755.1	-5416.4	10035	9.8	220521.0	-5427.7	10125	9.4	223807.2	-5434.3
9946	9.8	213814.1	-5446.4	10036	9.8	220525.0	-5406.3	10126	10.4	223815.8	-5424.8
9947	9.0	213844.1	-5454.4	10037	9.8	220541.5	-5409.5	10127	10.4	223828.2	-5412.0
9948	8.7	213846.6	-5413.7	10038	7.7	220622.0	-5411.5	10128	9.6	223835.2	-5430.1
9949	9.8	213910.6	-5431.2	10039	9.2	220630.5	-5451.7	10129	10.4	223905.0	-5447.1
9950	9.6	213923.6	-5424.8	10040	8.0	220710.0	-5436.0	10130	10.4	223919.7	-5438.2
9951	9.4	213929.1	-5415.0	10041	9.2	220725.0	-5449.9	10131	9.6	224052.7	-5446.9
9952	9.5	213932.6	-5446.5	10042	8.4	220726.5	-5450.6	10132	9.2	224059.2	-5404.0
9953	9.4	214001.6	-5420.4	10043	9.3	220736.4	-5433.6	10133	10.4	224100.3	-5459.5
9954	9.5	214008.1	-5445.2	10044	8.3	220801.0	-5410.3	10134	10.4	224120.5	-5402.6
9955	9.8	214034.1	-5452.0	10045	9.3	220805.0	-5456.3	10135	10.4	224121.1	-5454.0
9956	9.8	214046.6	-5402.1	10046	9.3	220806.4	-5409.1	10136	9.8	224132.7	-5457.1
9957	9.8	214055.6	-5428.2	10047	8.7	220817.0	-5450.6	10137	7.8	224145.5	-5435.8
9958	9.6	214102.6	-5431.4	10048	8.6	220845.7	-5426.3	10138	10.4	224246.0	-5445.4
9959	9.3	214104.6	-5421.1	10049	9.8	220850.5	-5421.4	10139	10.4	224301.5	-5409.4
9960	9.8	214115.1	-5456.6	10050	9.4	220902.7	-5441.9	10140	10.0	224319.0	-5427.9
9961	8.7	214147.6	-5458.8	10051	7.0	220904.2	-5456.7	10141	9.6	224320.5	-5428.4
9962	9.3	214242.6	-5446.1	10052	9.0	220936.4	-5422.9	10142	9.4	224322.0	-5449.7
9963	9.8	214310.1	-5447.6	10053	10.0	220938.4	-5455.3	10143	10.4	224330.5	-5420.9
9964	9.6	214326.1	-5416.0	10054	10.4	220947.4	-5400.9	10144	10.2	224352.0	-5407.6
9965	9.6	214401.1	-5449.4	10055	6.2	221003.9	-5413.8	10145	10.4	224412.5	-5454.6
9966	9.8	214429.1	-5426.9	10056	10.2	221007.9	-5410.9	10146	9.4	224454.0	-5424.9
9967	9.3	214514.6	-5452.4	10057	9.8	221020.4	-5446.3	10147	9.0	224511.5	-5439.9
9968	9.3	214525.6	-5411.8	10058	10.4	221027.9	-5431.3	10148	10.4	224518.5	-5406.6
9969	9.6	214548.1	-5426.4	10059	9.2	221203.4	-5421.3	10149	9.0	224529.5	-5435.6
9970	9.0	214549.1	-5417.8	10060	9.6	221242.9	-5415.3	10150	9.8	224557.0	-5428.1
9971	9.8	214558.2	-5422.0	10061	9.8	221254.4	-5400.1	10151	10.4	224608.5	-5433.1
9972	9.8	214622.7	-5441.2	10062	10.4	221255.4	-5421.9	10152	10.4	224621.5	-5430.9
9973	9.0	214732.2	-5437.8	10063	10.4	221316.4	-5452.1	10153	10.4	224630.5	-5424.5
9974	9.2	214733.2	-5455.5	10064	10.4	221336.9	-5437.5	10154	9.8	224631.5	-5416.7
9975	9.6	214742.2	-5443.2	10065	9.8	221336.9	-5425.4	10155	9.4	224641.5	-5412.1
9976	9.8	214809.7	-5443.2	10066	9.6	221352.4	-5413.5	10156	10.2	224656.0	-5447.0
9977	9.3	214818.2	-5407.4	10067	7.2	221400.4	-5429.3	10157	10.0	224709.0	-5432.0
9978	9.6	214835.2	-5417.9	10068	10.4	221459.9	-5448.2	10158	10.4	224723.5	-5437.7
9979	9.4	214838.7	-5417.8	10069	10.4	221505.4	-5448.1	10159	9.6	224735.5	-5423.7
9980	9.6	214842.2	-5434.2	10070	10.4	221510.9	-5434.6	10160	9.8	224743.5	-5424.8
9981	9.8	214932.2	-5439.2	10071	9.6	221526.9	-5455.3	10161	8.5	224752.5	-5431.6
9982	8.2	214936.2	-5408.6	10072	10.0	221639.9	-5418.7	10162	9.4	224755.0	-5408.5
9983	9.8	214958.2	-5409.4	10073	8.6	221701.4	-5426.1	10163	9.4	224756.5	-5401.1
9984	8.2	215007.7	-5434.9	10074	9.4	221734.9	-5406.9	10164	9.2	224809.0	-5440.6
9985	8.6	215018.7	-5449.2	10075	10.4	221839.9	-5410.1	10165	10.2	224834.0	-5426.4
9986	9.8	215035.7	-5416.4	10076	9.2	221850.4	-5419.6	10166	10.4	224909.0	-5406.5
9987	9.8	215044.7	-5432.2	10077	9.4	221921.9	-5444.3	10167	9.8	224913.5	-5435.0
9988	9.8	215044.7	-5431.0	10078	9.4	221945.9	-5415.1	10168	9.6	224924.0	-5431.5
9989	8.8	215054.2	-5421.6	10079	10.2	221952.9	-5455.9	10169	9.8	224953.5	-5440.0
9990	9.8	215106.7	-5401.1	10080	10.0	222026.1	-5425.9	10170	10.4	225000.0	-5437.1
9991	9.4	215140.2	-5406.4	10081	9.6	222028.6	-5408.4	10171	10.4	225049.5	-5415.6
9992	9.2	215210.2	-5419.4	10082	10.2	222031.1	-5431.5	10172	10.4	225103.0	-5440.4
9993	8.2	215211.2	-5442.4	10083	10.4	222050.1	-5424.5	10173	10.4	225131.0	-5426.1
9994	9.8	215227.7	-5425.9	10084	10.4	222145.1	-5426.1	10174	10.0	225132.5	-5409.2
9995	9.8	215240.2	-5429.0	10085	9.4	222208.6	-5409.9	10175	10.4	225148.5	-5402.6
9996	9.6	215253.9	-5459.0	10086	10.4	222208.8	-5459.2	10176	9.4	225153.0	-5401.8
9997	9.2	215256.2	-5430.4	10087	9.4	222231.6	-5442.7	10177	8.8	225244.5	-5446.4
9998	9.6	215303.7	-5428.8	10088	9.0	222323.6	-5419.7	10178	9.2	225257.5	-5426.4
9999	7.8	215315.7	-5445.2	10089	9.0	222339.6	-5401.4	10179	9.8	225302.5	-5419.3
10000	8.8	215323.7	-5440.6	10090	9.8	222345.1	-5427.3	10180	9.4	225303.0	-5448.9
10001	9.8	215332.2	-5450.6	10091	10.4	222415.6	-5412.7	10181	9.4	225331.0	-5453.2
10002	9.2	215347.2	-5437.7	10092	9.4	222420.6	-5404.3	10182	9.4	225339.5	-5406.6
10003	9.8	215354.7	-5412.4	10093	9.8	222449.1	-5402.4	10183	10.4	225355.5	-5439.8
10004	9.2	215412.8	-5424.6	10094	9.8	222454.6	-5410.3	10184	9.4	225431.5	-5413.1
10005	9.6	215522.8	-5450.0	10095	9.8	222502.1	-5418.9	10185	8.5	225450.6	-5441.2
10006	9.8	215606.3	-5427.2	10096	7.0	222624.6	-5456.5	10186	9.0	225510.1	-5431.2
10007	9.6	215614.8	-5455.9	10097	10.4	222626.6	-5451.1	10187	10.0	225514.1	-5431.8
10008	9.2	215617.3	-5410.5	10098	9.2	222648.1	-5450.0	10188	8.2	225517.1	-5427.2
10009	9.8	215719.3	-5430.0	10099	10.4	222657.1	-5431.1	10189	10.4	225546.1	-5427.1
10010	9.8	215738.8	-5410.0	10100	9.4	222703.6	-5414.9	10190	10.4	225600.1	-5403.2
10011	8.9	215743.8	-5429.2	10101	10.4	222718.1	-5406.9	10191	10.2	225612.1	-5447.4
10012	9.8	215748.8	-5440.5	10102	9.2	222720.1	-5415.2	10192	8.6	225626.6	-5445.6
10013	9.8	215802.8	-5449.6	10103	9.0	222746.6	-5403.1	10193	10.2	225634.6	-5415.1
10014	9.8	215805.3	-5412.1	10104	10.4	222820.1	-5433.6	10194	9.8	225641.6	-5444.0
10015	9.6	215833.3	-5436.9	10105	10.4	222852.3	-5401.1	10195	10.4	225642.6	-5427.5
10016	9.8	215834.0	-5400.7	10106	10.4	222901.6	-5427.2	10196	10.0	225701.6	-5434.2
10017	9.8	215837.8	-5433.1	10107	9.4	222909.6	-5403.8	10197	6.9	225715.1	-5438.0
10018	9.2	215840.3	-5414.9	10108	10.0	222955.1	-5445.0	10198	10.4	225749.1	-5445.5
10019	9.2	215843.8	-5423.2	10109	10.2	222955.1	-5417.7	10199	8.6	225752.1	-5424.2
10200	8.5	225810.1	-5457.3
10201	10.0	225814.9	-5401.7
10202	10.2	225840.6	-5420.4
10203	8.8	225847.6	-5414.9
10204	10.4	225915.1	-5444.0
10205	10.0	225920.6	-5454.4
10206	9.2	230017.1	-5418.0
10207	7.7	230031.6	-5445.0
10208	10.0	230100.1	-5426.5
10209	9.8	230110.6	-5427.6
10210	10.2	230200.1	-5441.6
10211	9.5	230203.6	-5410.1
10212	10.4	230219.6	-5403.1
10213	8.6	230223.4	-5401.8
10214	9.4	230230.1	-5425.1
10215	9.8	230235.6	-5447.9
10216	9.8	230238.1	-5429.6
10217	8.8	230240.6	-5450.1
10218	10.4	230310.1	-5402.0
10219	9.8	230330.6	-5439.0
10220	9.8	230439.6	-5415.3
10221	10.4	230449.6	-5407.0
10222	9.8	230459.6	-5418.9
10223	10.4	230503.1	-5440.4
10224	10.4	230509.1	-5448.3
10225	7.2	230540.1	-5452.0
10226	8.5	230549.8	-5458.0
10227	10.2	230556.6	-5431.0
10228	10.4	230559.1	-5440.0
10229	9.4	230614.6	-5432.0
10230	10.4	230635.1	-5430.9
10231	8.6	230646.6	-5437.6
10232	10.2	230647.1	-5450.8
10233	10.2	230659.1	-5449.5
10234	10.4	230711.1	-5440.5
10235	10.4	230718.1	-5438.1
10236	10.2	230730.6	-5402.0
10237	8.8	230740.1	-5456.2
10238	10.4	230805.1	-5403.5
10239	10.4	230821.6	-5453.4
10240	10.2	230824.6	-5417.4
10241	9.4	230838.6	-5444.2
10242	10.0	230839.6	-5426.4
10243	9.6	230923.1	-5418.5
10244	9.4	230951.1	-5400.5
10245	10.2	230955.1	-5435.9
10246	10.4	230956.1	-5438.0
10247	9.8	231025.6	-5442.4
10248	8.6	231029.1	-5456.6
10249	9.4	231056.1	-5415.5
10250	9.4	231106.1	-5401.8
10251	10.4	231107.3	-5457.1
10252	10.2	231122.3	-5402.5
10253	8.8	231125.1	-5408.8
10254	10.4	231131.4	-5407.6
10255	10.2	231150.1	-5413.9
10256	10.4	231207.9	-5455.1
10257	8.2	231215.8	-5406.2
10258	10.4	231218.3	-5453.8
10259	10.4	231229.7	-5444.6
10260	10.4	231230.7	-5405.6
10261	10.0	231242.8	-5409.8
10262	10.4	231249.3	-5458.8
10263	10.2	231253.2	-5452.4
10264	10.2	231257.5	-5412.2
10265	10.0	231307.2	-5410.5
10266	10.2	231321.2	-5447.5
10267	9.6	231335.2	-5419.1
10268	10.2	231335.8	-5438.3
10269	9.8	231341.2	-5432.0
10270	10.2	231345.7	-5454.1
10271	9.4	231350.7	-5439.1
10272	10.2	231407.7	-5400.0
10273	10.0	231425.2	-5454.1
10274	10.2	231500.2	-5407.7
10275	9.4	231512.7	-5451.5
10276	10.2	231515.4	-5429.8
10277	10.0	231542.2	-5444.9
10278	10.0	231609.7	-5409.3
10279	10.2	231616.2	-5421.5
10280	6.8	231648.2	-5429.9
10281	6.4	231650.2	-5429.5
10282	9.2	231722.2	-5442.7
10283	8.8	231740.2	-5425.9
10284	8.8	231841.2	-5442.6
10285	9.4	232004.4	-5458.4
10286	8.8	232037.2	-5432.7
10287	10.0	232044.7	-5442.1
10288	9.8	232055.2	-5411.3
10289	10.2	232118.2	-5421.9

-5410290 23h21m

-55 218 0h58m

10290	10.2	232140.7	-5437.2	10380	10.0	234542.0	-5458.5	39	10.4	00921.7	-5536.0
10291	9.8	232141.7	-5423.9	10381	9.6	234545.7	-5427.8	40	11.0	00948.7	-5514.4
10292	9.4	232157.7	-5410.3	10382	10.0	234559.7	-5412.4	41	11.0	00951.7	-5505.3
10293	9.1	232212.2	-5451.7	10383	10.4	234618.7	-5456.1	42	10.0	00959.7	-5512.6
10294	8.1	232240.7	-5406.5	10384	10.4	234624.2	-5452.2	43	11.0	01000.2	-5531.0
10295	9.4	232252.7	-5406.5	10385	10.0	234636.7	-5424.0	44	11.0	01002.2	-5553.2
10296	10.2	232304.2	-5459.0	10386	8.3	234816.7	-5435.4	45	10.2	01006.2	-5529.8
10297	10.2	232328.2	-5424.4	10387	9.6	234819.2	-5436.2	46	9.8	01036.2	-5506.2
10298	10.0	232342.2	-5411.7	10388	10.2	234826.2	-5418.7	47	10.4	01042.2	-5544.8
10299	10.2	232351.2	-5431.9	10389	10.2	234829.7	-5419.2	48	9.6	01044.2	-5539.0
10300	10.0	232359.7	-5408.4	10390	10.2	234904.2	-5420.0	49	9.8	01050.2	-5509.0
10301	8.6	232418.7	-5441.0	10391	11.0	234904.2	-5418.0	50	10.6	01137.7	-5552.8
10302	9.0	232425.2	-5435.2	10392	9.0	234907.2	-5444.6	51	11.0	01140.7	-5548.0
10303	9.1	232432.5	-5403.3	10393	7.2	234911.7	-5430.9	52	10.4	01231.7	-5507.6
10304	10.2	232440.0	-5452.7	10394	10.2	234923.7	-5421.3	53	10.4	01313.7	-5510.2
10305	7.8	232446.5	-5427.3	10395	10.0	234956.7	-5403.1	54	9.8	01322.7	-5538.0
10306	10.2	232450.0	-5431.0	10396	10.6	235004.7	-5432.7	55	11.0	01400.2	-5531.9
10307	9.4	232455.5	-5432.5	10397	10.4	235006.2	-5401.6	56	10.2	01414.7	-5538.2
10308	9.6	232455.5	-5401.5	10398	11.0	235034.7	-5430.7	57	9.6	01428.2	-5530.3
10309	9.6	232635.5	-5447.2	10399	10.4	235121.7	-5430.8	58	11.0	01435.9	-5559.0
10310	10.2	232640.0	-5421.8	10400	11.0	235123.7	-5425.7	59	9.4	01444.4	-5523.0
10311	8.6	232644.5	-5420.7	10401	10.4	235127.7	-5437.3	60	11.0	01451.7	-5525.7
10312	10.2	232651.5	-5459.2	10402	11.0	235151.7	-5430.5	61	11.0	01457.7	-5547.5
10313	9.4	232747.5	-5443.8	10403	11.0	235159.7	-5406.1	62	11.0	01513.7	-5532.1
10314	10.2	232802.5	-5445.2	10404	11.0	235210.2	-5426.0	63	9.4	01514.1	-5525.3
10315	10.2	232817.5	-5407.4	10405	9.4	235213.7	-5430.9	64	8.2	01515.9	-5516.1
10316	10.0	232828.0	-5408.9	10406	9.2	235225.7	-5427.5	65	10.4	01527.7	-5523.0
10317	9.8	232831.5	-5410.1	10407	10.6	235236.2	-5405.9	66	9.4	01529.9	-5518.1
10318	10.2	232852.0	-5459.8	10408	10.2	235237.7	-5441.5	67	9.6	01553.7	-5522.6
10319	10.0	232853.5	-5434.2	10409	10.4	235245.7	-5428.9	68	11.0	01601.2	-5505.0
10320	9.8	232858.5	-5422.1	10410	11.0	235250.2	-5402.1	69	10.4	01621.9	-5530.8
10321	8.6	232903.0	-5422.5	10411	11.0	235259.7	-5450.5	70	10.2	01632.4	-5509.0
10322	9.2	232940.0	-5444.5	10412	9.8	235302.4	-5402.5	71	10.2	01649.8	-5534.7
10323	10.2	233033.5	-5410.0	10413	9.6	235401.7	-5446.3	72	10.2	01656.8	-5532.3
10324	9.1	233045.0	-5452.8	10414	11.0	235437.2	-5448.7	73	9.4	01737.5	-5533.1
10325	10.2	233127.5	-5402.2	10415	11.0	235456.2	-5431.5	74	8.6	01738.5	-5513.9
10326	10.0	233142.5	-5435.4	10416	11.0	235456.2	-5413.6	75	10.0	01740.0	-5541.4
10327	9.8	233156.5	-5418.8	10417	11.0	235516.2	-5418.6	76	9.8	01744.5	-5513.8
10328	10.2	233201.5	-5412.4	10418	10.4	235543.7	-5427.0	77	10.2	01752.0	-5536.3
10329	10.0	233215.0	-5410.9	10419	10.2	235544.2	-5443.4	78	9.0	01754.0	-5556.9
10330	9.0	233234.0	-5404.8	10420	9.6	235636.2	-5443.3	79	9.4	01759.3	-5559.6
10331	9.0	233241.5	-5413.0	10421	11.0	235645.7	-5458.3	80	9.0	01801.5	-5549.4
10332	9.2	233256.5	-5419.4	10422	9.0	235649.7	-5437.9	81	6.8	01809.5	-5515.4
10333	9.6	233356.5	-5408.4	10423	11.0	235656.2	-5455.9	82	9.6	01819.5	-5528.9
10334	9.8	233514.5	-5414.0	10424	11.0	235702.7	-5412.0	83	9.8	01821.5	-5537.8
10335	10.2	233521.5	-5401.7	10425	11.0	235732.7	-5459.1	84	9.9	01839.5	-5549.8
10336	9.2	233522.5	-5403.5	10426	8.6	235756.7	-5436.3	85	9.0	01839.5	-5552.3
10337	10.2	233522.5	-5412.7	10427	8.8	235827.4	-5402.8	86	10.2	01912.0	-5501.0
10338	8.0	233525.5	-5407.0	10428	11.0	235833.7	-5430.1	87	10.2	01921.0	-5535.3
10339	10.2	233613.0	-5415.0	10429	10.2	235941.2	-5429.4	88	10.0	01924.0	-5503.4
10340	9.4	233640.0	-5411.8	10430	11.0	235946.9	-5441.9	89	9.0	01955.5	-5522.3
10341	9.4	233656.0	-5406.0	10431	9.8	235956.2	-5405.1	90	10.2	02002.5	-5512.7
10342	10.2	233702.5	-5403.9	1	11.0	00013.3	-5519.8	91	10.0	02043.5	-5522.5
10343	8.2	233721.5	-5454.0	2	8.8	00032.7	-5551.3	92	10.0	02147.5	-5503.1
10344	9.8	233731.0	-5449.2	3	11.0	00036.2	-5503.8	93	10.2	02214.5	-5510.5
10345	9.4	233744.0	-5415.3	4	9.8	00045.7	-5552.8	94	8.0	02215.0	-5518.8
10346	9.2	233749.0	-5401.9	5	10.3	00102.2	-5509.0	95	10.2	02220.5	-5535.6
10347	9.1	233756.5	-5453.4	6	11.0	00110.2	-5548.7	96	9.9	02236.0	-5517.0
10348	9.1	233821.5	-5441.0	7	10.6	00114.2	-5520.0	97	10.2	02241.5	-5518.3
10349	10.2	233824.5	-5429.1	8	9.4	00120.7	-5505.0	98	9.8	02242.0	-5544.6
10350	10.2	233825.0	-5454.1	9	11.0	00138.2	-5508.6	99	7.8	02243.0	-5507.3
10351	10.2	233851.5	-5407.5	10	9.6	00212.0	-5502.1	100	9.8	02302.5	-5504.6
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10353	10.2	233919.5	-5438.8	12	11.0	00322.7	-5517.3	102	8.4	02352.0	-5526.2
10354	9.2	233920.0	-5409.9	13	10.2	00351.7	-5544.6	103	9.4	02357.3	-5557.8
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10356	10.2	233951.8	-5401.5	15	11.0	00407.2	-5537.0	105	10.2	02420.0	-5522.2
10357	10.2	234003.3	-5402.7	16	8.6	00425.7	-5505.8	106	9.4	02421.0	-5543.6
10358	9.8	234024.5	-5411.6	17	11.0	00454.7	-5547.2	107	7.1	02444.0	-5539.7
10359	9.2	234058.0	-5407.2	18	9.0	00501.7	-5514.8	108	8.4	02531.7	-5534.3
10360	9.4	234100.0	-5435.8	19	10.2	00507.2	-5511.8	109	10.2	02638.7	-5506.3
10361	10.2	234119.0	-5406.2	20	10.2	00521.2	-5521.2	110	10.2	02644.2	-5513.8
10362	10.2	234128.0	-5413.0	21	11.0	00525.7	-5527.0	111	10.2	02719.2	-5547.0
10363	10.2	234159.0	-5443.0	22	8.3	00546.2	-5526.8	112	10.0	02727.7	-5522.7
10364	9.1	234206.5	-5429.7	23	11.0	00550.2	-5515.1	113	9.2	02727.7	-5506.0
10365	9.1	234211.0	-5418.1	24	8.8	00550.7	-5503.6	114	10.2	02829.7	-5508.1
10366	9.4	234225.5	-5439.4	25	9.8	00611.7	-5525.6	115	9.2	02829.7	-5525.3
10367	9.2	234239.0	-5439.8	26	9.8	00632.2	-5511.3	116	9.4	02847.2	-5525.0
10368	10.2	234249.7	-5400.1	27	11.0	00633.7	-5554.0	117	6.5	02942.2	-5530.4
10369	9.8	234326.2	-5456.6	28	10.0	00634.7	-5535.6	118	8.2	02956.7	-5551.4
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10374	11.0	234439.7	-5409.5	33	11.0	00747.7	-5547.2	123	8.8	03015.7	-5506.7
10375	8.8	234501.2	-5446.6	34	10.4	00751.7	-5510.8	124	9.0	03015.7	-5528.9
10376	8.8	234502.9	-5435.3	35	7.2	00801.7	-5545.8	125	8.8	03028.2	-5531.2
10377	10.0	234512.2	-5431.7	36	9.4	00831.2	-5527.0	126	9.8	03045.7	-5524.3
10378	10.4	234519.7	-5454.6	37	10.0	00832.7	-5505.0	127	9.6	03107.2	-5534.6
10379	11.0	234535.2	-5431.1	38	10.0	00916.7	-5511.2	128	8.8	03119.7	-5510.0
129	10.0	03124.2	-5503.3								
130	7.2	03129.2	-5504.9								
131	9.4	03139.7	-5532.5								
132	9.2	03214.7	-5516.5								
133	9.8	03219.7	-5504.6								
134	9.6	03229.0	-5557.4								
135	10.0	03235.2	-5545.2								
136	9.8	03252.7	-5508.2								
137	10.2	03258.7	-5536.0								
138	10.2	03301.7	-5524.0								
139	10.0	03302.1	-5502.2								
140	9.4	03358.2	-5533.9								
141	8.4	03420.2	-5516.9								
142	10.2	03428.7	-5543.0								
143	9.2	03529.7	-5515.5								
144	9.6	03611.4	-5519.8								
145	10.2	03632.4	-5546.8								
146	10.2	03709.9	-5555.1								
147	10.2	03730.9	-5534.1								
148	9.9	03759.9	-5504.7								
149	8.4	03950.5	-5501.2								
150	9.7	03951.9	-5557.0								
151	10.0	03959.9	-5514.6								
152	10.0	04006.9	-5551.0								
153	9.2	04043.4	-5533.3								
154	10.0	04044.9	-5502.1								
155	9.4	04047.9	-5549.7								
156	9.4	04055.9	-5550.5								
157	9.9	04102.4	-5518.2								
158	10.2	04145.9	-5501.2								
159	9.4	04209.7	-5557.2								
160	9.4	04234.9	-5540.0								
161	9.4	04239.7	-5559.8								
162	10.2	04241.9	-5542.9								
163	10.2	04358.4	-5514.1								
164	9.0	04411.9	-5516.6								
165	10.2	04434.4	-5532.1								
166	10.2	04440.9	-5544.4								
167	8.6	04556.4	-5531.5								
168	10.2	04638.9	-5545.3								
169	10.2	04649.1	-5555.9								
170	10.2	04656.1	-5535.2								
171	10.0	04702.9	-5521.8								
172	10.2	04717.2	-5515.1								
173	10.0	04741.6	-5511.2								
174	9.6	04742.4	-5501.5								
175	9.2	04744.8	-5529.3								
176	9.5	04756.1	-5559.7								
177	9.3	04800.8	-5521.2								
178	9.4	04814.6	-5533.7								
179	7.6	04825.8	-5516.2								
180	10.4	04917.8	-5543.9								
181	10.4	04938.3	-5530.0								
182	10.4	04959.3	-5549.1								
183	8.5	05004.8	-5541.0								
184	10.4	05025.3	-5531.7								
185	10.0	05032.8	-5506.0								
186	8.4	05105.3	-5538.2								
187	9.1	05110.8	-5542.0								
188	10.4	05133.3	-5537.0								
189	9.6	05208.8	-5556.0								
190	10.4	05210.8	-5506.0								
191	8.6	05232.3	-5555.3								
192	10.4	05237.8	-5508.2								
193	10.4	05254.8	-5523.7								
194	9.3	05310.8	-5501.1								
195	9.4	05338.8	-5547.8								
196	10.4	05340.8	-5546.2								
197	9.0	05347.3	-5536.6								
198	8.6	05432.3	-5510.3								
199	9.1	05452.3	-5521.8								
200	8.6	05506.8	-5537.8								
201	10.2	05516.4	-5500.0								
202	8.8	05536.6	-5557.3								
203	9.8	05542.8	-5531.8								
204	9.6	05604.3	-5509.3								
205	9.6	05634.8	-5508.1								
206	10.4	05650.8	-5525.5								
207	10.0	05658.8	-5524.8								
208	9.2	05717.8	-5554.6								
209	10.4	05719.3	-5503.1								
210	9.5	05720.6	-5540.3								
211	9.3	05722.8	-5509.1								
212	8.5	05731.3	-5535.2								
213	8.6	05750.8	-5537.2								
214	10.4	05753.3	-5550.6								
215	10.0	05807.3	-5512.0								
216	10.0	05820.3	-5528.3								
217	10.4	05844.3	-5509.8								
218	8.6	05854.8	-5543.5								

-55 219 0h59m

-55 578 3h50m

219	10.4	05900.8	-5506.9	309	9.1	12029.3	-5544.1	399	8.7	20549.9	-5543.6	489	11.0	30129.2	-5546.0
220	9.0	05901.3	-5532.9	310	10.4	12049.3	-5517.6	400	8.7	20601.9	-5515.2	490	11.0	30318.2	-5539.0
221	9.4	05908.8	-5527.8	311	10.0	12053.1	-5536.8	401	9.4	20717.4	-5539.6	491	10.3	30420.2	-5512.1
222	10.4	05911.3	-5540.7	312	10.4	12059.8	-5508.4	402	9.4	20745.4	-5557.3	492	10.3	30430.7	-5534.2
223	9.2	05911.8	-5540.0	313	9.4	12142.0	-5534.6	403	9.9	20917.4	-5521.7	493	10.2	30531.7	-5526.9
224	10.2	05920.3	-5548.2	314	9.6	12146.0	-5557.9	404	8.8	21037.9	-5502.1	494	9.0	30613.7	-5529.9
225	9.6	05931.3	-5533.4	315	8.0	12207.5	-5543.9	405	10.0	21048.6	-5501.0	495	8.4	30621.8	-5557.8
226	9.3	05936.3	-5512.4	316	10.0	12238.5	-5553.4	406	10.0	21129.9	-5541.8	496	11.0	30634.2	-5543.4
227	8.6	05940.3	-5543.5	317	10.0	12341.9	-5525.8	407	7.6	21140.4	-5551.6	497	11.0	30638.7	-5553.3
228	9.6	05955.8	-5542.6	318	9.4	12407.5	-5502.9	408	9.9	21218.4	-5532.2	498	9.2	30727.7	-5529.8
229	10.4	10101.8	-5541.9	319	10.0	12434.5	-5504.3	409	9.4	21223.9	-5544.6	499	8.9	30734.2	-5538.0
230	8.8	10117.0	-5550.0	320	10.0	12457.0	-5512.3	410	10.0	21242.8	-5542.9	500	8.1	30740.2	-5521.5
231	9.2	10118.0	-5551.7	321	9.0	12742.5	-5523.0	411	9.8	21249.9	-5555.8	501	20.0	30850.2	-5541.1
232	9.2	10121.5	-5503.7	322	9.6	12910.5	-5535.0	412	9.0	21316.4	-5508.2	502	8.8	30910.7	-5538.9
233	9.5	10122.0	-5543.1	323	9.8	13002.5	-5503.9	413	9.8	21406.4	-5536.4	503	11.0	30930.9	-5523.9
234	10.4	10128.5	-5553.1	324	10.0	13038.0	-5554.1	414	9.4	21409.4	-5517.4	504	8.6	31109.5	-5542.5
235	10.4	10134.5	-5509.1	325	10.0	13038.7	-5512.7	415	8.6	21432.4	-5526.1	505	9.0	31148.5	-5543.2
236	9.6	10143.5	-5521.7	326	7.9	13051.7	-5553.0	416	9.8	21515.4	-5552.5	506	8.8	31202.0	-5505.3
237	9.6	10150.5	-5547.6	327	8.8	13103.7	-5544.3	417	8.1	21531.9	-5535.5	507	11.0	31215.0	-5515.3
238	10.2	10159.5	-5522.1	328	9.4	13111.2	-5540.9	418	9.6	21614.9	-5512.6	508	11.0	31235.5	-5525.6
239	10.4	10251.0	-5533.8	329	10.0	13118.7	-5555.7	419	9.8	21759.9	-5502.5	509	11.0	31333.0	-5544.4
240	10.0	10302.0	-5513.1	330	9.6	13123.7	-5533.2	420	9.2	21804.9	-5548.5	510	10.8	31341.0	-5509.6
241	3.2	10308.5	-5554.9	331	9.6	13213.2	-5511.8	421	9.6	21818.4	-5519.1	511	10.6	31350.0	-5545.7
242	10.4	10320.5	-5508.1	332	9.4	13220.7	-5507.1	422	8.8	21829.9	-5520.8	512	8.9	31418.2	-5556.4
243	8.8	10400.5	-5518.9	333	9.8	13308.2	-5557.1	423	8.6	21900.4	-5505.9	513	10.3	31441.0	-5542.4
244	9.0	10403.5	-5559.5	334	9.2	13336.2	-5512.1	424	8.0	21931.4	-5506.6	514	10.0	31508.5	-5538.0
245	9.4	10507.0	-5513.6	335	9.2	13408.2	-5558.2	425	9.5	21932.9	-5524.0	515	9.4	31648.7	-5500.0
246	10.0	10520.0	-5505.2	336	8.9	13422.2	-5553.1	426	9.6	21939.9	-5540.4	516	10.8	31739.5	-5508.9
247	9.5	10538.5	-5536.5	337	8.3	13503.7	-5547.1	427	9.9	21946.9	-5508.6	517	9.8	31803.0	-5526.9
248	9.3	10539.5	-5523.5	338	9.8	13640.5	-5558.1	428	9.1	22019.9	-5528.9	518	10.2	31832.0	-5551.6
249	9.4	10605.0	-5538.4	339	7.8	13805.7	-5519.6	429	9.8	22056.4	-5502.4	519	9.8	31858.5	-5508.1
250	9.8	10611.5	-5512.3	340	8.4	13819.7	-5529.1	430	9.4	22111.4	-5544.7	520	10.3	31949.5	-5527.7
251	10.4	10618.0	-5536.3	341	9.4	13834.7	-5535.7	431	10.0	22237.9	-5513.9	521	9.6	32009.5	-5542.0
252	10.4	10632.5	-5551.6	342	10.0	14005.7	-5505.5	432	8.8	22240.4	-5506.0	522	10.8	32018.5	-5530.9
253	10.2	10643.5	-5515.8	343	9.8	14051.2	-5504.1	433	9.4	22314.9	-5517.4	523	10.6	32139.0	-5545.9
254	10.4	10652.0	-5554.0	344	9.8	14115.2	-5552.3	434	10.0	22315.9	-5501.6	524	9.0	32244.9	-5502.0
255	10.2	10701.5	-5544.0	345	9.8	14126.7	-5505.7	435	9.8	22420.4	-5556.6	525	8.7	32302.0	-5519.7
256	9.8	10713.0	-5528.8	346	10.0	14127.2	-5536.3	436	10.3	22500.4	-5502.1	526	9.6	32305.0	-5550.7
257	10.2	10715.5	-5545.0	347	10.0	14300.7	-5505.6	437	10.0	22840.4	-5553.7	527	8.9	32332.5	-5554.2
258	10.4	10718.0	-5556.4	348	9.2	14338.2	-5524.5	438	9.2	22938.4	-5526.7	528	9.4	32418.0	-5513.0
259	10.4	10725.5	-5519.5	349	9.8	14420.2	-5511.3	439	8.9	22946.4	-5528.9	529	10.6	32419.5	-5518.4
260	10.4	10739.7	-5502.2	350	9.6	14421.7	-5524.9	440	10.3	23223.4	-5511.2	530	9.6	32420.0	-5550.8
261	9.2	10746.0	-5541.2	351	8.3	14528.5	-5505.1	441	9.4	23257.9	-5510.0	531	10.0	32515.0	-5525.7
262	9.8	10800.5	-5549.5	352	10.0	14533.2	-5502.4	442	9.2	23321.4	-5544.4	532	10.8	32534.0	-5535.2
263	10.4	10802.5	-5515.3	353	10.0	14630.0	-5517.4	443	9.6	23348.4	-5539.0	533	9.0	32414.0	-5512.7
264	8.2	10844.5	-5554.3	354	8.5	14632.0	-5549.8	444	8.3	23502.9	-5522.8	534	8.0	32706.0	-5514.2
265	9.2	10909.0	-5503.2	355	9.8	14650.0	-5520.2	445	7.5	23503.4	-5522.5	535	10.2	32716.5	-5542.4
266	10.4	10932.5	-5517.7	356	10.0	14713.3	-5501.8	446	6.1	23646.2	-5505.2	536	10.8	32755.7	-5511.2
267	10.0	10946.0	-5522.8	357	10.0	14718.0	-5515.7	447	9.6	23700.2	-5508.1	537	7.7	32804.0	-5540.5
268	9.4	10951.8	-5515.6	358	10.0	14723.0	-5556.1	448	10.0	23703.2	-5502.9	538	9.9	32817.3	-5533.1
269	9.6	10952.8	-5545.8	359	10.0	14755.5	-5549.6	449	10.0	23708.7	-5549.1	539	10.2	32908.5	-5551.6
270	9.4	11020.3	-5503.0	360	10.0	14805.0	-5555.8	450	9.6	23735.6	-5559.2	540	10.2	32910.0	-5548.9
271	9.8	11032.8	-5553.7	361	9.4	14806.5	-5539.4	451	9.0	23743.7	-5524.2	541	8.6	32925.0	-5518.7
272	9.3	11040.3	-5512.2	362	9.8	14831.7	-5540.9	452	9.8	23901.7	-5503.5	542	10.2	32935.2	-5527.2
273	9.6	11137.3	-5519.6	363	9.6	14834.7	-5506.0	453	10.3	23921.2	-5504.8	543	9.4	32947.5	-5515.4
274	8.6	11246.8	-5556.6	364	10.0	14901.2	-5539.9	454	8.8	24001.9	-5519.3	544	9.0	33100.0	-5502.0
275	10.4	11254.8	-5551.0	365	8.3	14918.7	-5522.2	455	9.4	24017.9	-5529.1	545	10.0	33122.5	-5523.6
276	9.3	11335.5	-5502.3	366	10.0	14954.4	-5555.9	456	10.3	24037.2	-5556.1	546	9.4	33200.0	-5536.8
277	9.4	11342.3	-5544.9	367	7.0	15119.3	-5541.1	457	10.3	24037.4	-5528.8	547	10.2	33256.2	-5526.4
278	9.6	11345.8	-5508.6	368	10.0	15120.7	-5513.9	458	9.8	24152.2	-5558.1	548	9.2	33322.0	-5533.6
279	9.2	11350.3	-5505.6	369	8.9	15137.2	-5501.0	459	9.4	24200.4	-5502.6	549	9.4	33347.0	-5521.7
280	8.8	11350.3	-5534.2	370	9.6	15154.7	-5520.1	460	9.4	24235.7	-5559.0	550	9.0	33430.0	-5536.2
281	9.6	11422.8	-5504.2	371	9.4	15230.7	-5514.0	461	9.2	24245.2	-5533.2	551	9.1	33438.0	-5548.2
282	10.4	11427.3	-5543.1	372	8.6	15240.7	-5545.1	462	9.2	24247.1	-5558.7	552	10.0	33530.5	-5529.9
283	10.4	11446.3	-5545.7	373	9.6	15309.9	-5519.3	463	9.6	24309.4	-5502.9	553	10.2	33540.2	-5505.7
284	9.6	11510.1	-5557.2	374	10.0	15327.9	-5523.6	464	9.4	24343.1	-5559.1	554	10.0	33604.0	-5539.6
285	10.4	11520.3	-5522.5	375	10.0	15333.1	-5557.2	465	9.0	24405.2	-5547.3	555	10.2	33610.0	-5552.6
286	9.8	11541.3	-5529.8	376	10.0	15346.9	-5559.4	466	10.3	24540.2	-5522.0	556	10.2	33630.0	-5548.0
287	9.6	11550.3	-5517.6	377	8.3	15539.9	-5501.8	467	8.7	24613.2	-5539.1	557	8.8	33642.5	-5547.7
288	8.4	11600.3	-5536.8	378	7.1	15550.9	-5537.1	468	10.2	24621.2	-5515.9	558	7.8	33658.0	-5557.0
289	9.6	11608.8	-5544.8	379	9.1	15626.4	-5550.8	469	9.6	24640.2	-5558.9	559	10.2	33731.5	-5502.9
290	10.2	11612.3	-5525.1	380	7.8	15649.9	-5544.9	470	8.3	24740.2	-5535.4	560	8.6	33737.0	-5517.7
291	10.2	11612.3	-5513.6	381	10.0	15745.9	-5545.7	471	9.8	24905.2	-5558.1	561	8.4	33920.0	-5551.1
292	9.0	11638.3	-5522.6	382	10.0	15820.4	-5554.6	472	9.4	25131.9	-5550.2	562	10.2	33930.0	-5513.8
293	8.8	11640.3	-5506.8	383	9.4	15930.4	-5513.9	473	9.4	25244.9	-5544.9	563	8.8	34005.5	-5505.9
294	9.6	11652.3	-5518.0	384	10.0	15940.9	-5549.2	474	9.2	25254.9	-5508.5	564	8.8	34100.0	-5517.7
295	10.2	11654.3	-5557.0	385	6.9	20011.4	-5528.7	475	9.6	25314.4	-5528.9	565	9.6	34106.0	-5527.2
296	8.5	11702.3	-5553.8	386	8.8	20104.9	-5538.0	476	7.2	25359.9	-5531.0	566	8.8	34203.5	-5523.0
297	8.5	11721.8	-5512.3	387	9.6	20149.9	-5537.1	477	9.6	25409.9	-5506.9	567	9.0	34318.0	-5503.9
298	9.3	11740.1	-5500.7	388	7.4	20209.4	-5540.8	478	8.8	25442.9	-5544.1	568	10.2	34543.2	-5520.4
299	9.6	11752.3	-5531.0	389	9.9	20211.9	-5519.0	479	10.8	25511.5	-5518.4	569	7.8	34547.5	-5522.8
300	8.8	11753.3	-5543.4	390	8.7	20212.4	-5531.2	480	11.0	25539.5	-5549.6	570	8.8	34631.5	-5543.7
301	9.4	11800.3	-5523.6	391	9.0	20248.4	-5544.8	481	9.6	25550.5	-5554.8	571	9.8	34641.5	-5551.5
302	9.2	11802.8	-5521.4	392	9.6	20359.9	-5540.1	482	8.7	25901.2	-5527.5	572	8.6	34810.5	-5551.6
303	10.4	11811.3	-5552.7	393	8.7	20404.4	-5526.6	483	10.8	25910.2	-5532.4	573	9.4	34910.0	-5526.7
304	8.6	11832.3	-5501.5	394	9.0	20428.9	-5504.4	484	10.2	25917.7	-5533.0	574	9.4	34928.0	-5538.6
305	9.1	11856.9	-5554.2	395	9.4	20455.9	-5506.2	485	10.3	25949.7	-5558.3	575	10.0	34931.5	-5557.8
306	9.8	11933.8	-5555.6	396	10.0	20514.9	-5548.1	486	10.6	30005.2	-5547.3	576	9.1	34949.5	-5553.8
307	10.0	12000.8	-5534.5	397	9.8	20544.9	-5545.1	487	10.6	30043.2	-5554.1	577	7.2	35020.5	-5513.2
308	9.2	12010.3	-5545.1	398	9.6	20549.4	-5506.1	488	10.2	30109.7	-5524.1	578	9.4	35021.0	-5509.8

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579	9.6	35124.5	-5516.1
580	10.2	35210.0	-5552.8
581	10.0	35231.5	-5536.9
582	9.0	35240.5	-5500.1
583	9.8	35250.5	-5522.9
584	10.0	35353.5	-5549.8
585	9.4	35410.0	-5515.2
586	9.2	35416.0	-5527.0
587	9.4	35506.5	-5528.4
588	10.0	35518.0	-5515.7
589	8.8	35601.5	-5511.7
590	9.9	35620.0	-5521.0
591	9.4	35700.0	-5523.9
592	9.6	35706.0	-5542.8
593	9.8	35829.1	-5548.5
594	8.9	35939.6	-5505.6
595	9.9	35951.1	-5526.9
596	8.8	40008.6	-5556.8
597	9.9	40016.6	-5529.6
598	7.6	40100.8	-5544.4
599	9.6	40159.6	-5512.7
600	9.4	40250.6	-5548.8
601	9.9	40301.6	-5548.0
602	8.6	40325.6	-5534.8
603	9.9	40338.6	-5543.6
604	9.4	40504.1	-5543.8
605	9.4	40614.6	-5521.7
606	9.6	40709.1	-5509.8
607	9.2	40717.6	-5506.7
608	9.4	40719.1	-5536.4
609	9.4	40900.1	-5514.2
610	9.4	40931.6	-5510.6
611	9.7	40931.7	-5557.8
612	9.6	41009.6	-5536.3
613	9.0	41022.6	-5548.7
614	9.4	41055.1	-5538.1
615	9.4	41110.6	-5553.1
616	8.8	41132.6	-5501.6
617	9.8	41222.5	-5509.5
618	9.2	41226.5	-5510.6
619	9.8	41234.5	-5513.3
620	8.9	41307.0	-5557.3
621	9.4	41309.0	-5526.1
622	9.9	41338.5	-5542.2
623	9.6	41420.0	-5532.7
624	9.8	41420.5	-5549.2
625	9.4	41458.0	-5535.0
626	8.8	41513.0	-5536.8
627	9.8	41549.0	-5531.2
628	9.8	41551.5	-5530.9
629	8.9	41609.5	-5515.8
630	9.8	41623.2	-5501.4
631	8.3	41640.0	-5511.4
632	9.9	41700.0	-5556.4
633	9.7	41708.8	-5558.9
634	9.2	41734.0	-5524.6
635	9.9	41806.5	-5556.9
636	8.4	41949.5	-5523.2
637	9.6	42019.0	-5536.0
638	9.6	42020.5	-5543.2
639	9.2	42027.0	-5538.0
640	9.7	42038.0	-5534.1
641	9.4	42119.5	-5536.3
642	9.0	42121.5	-5558.8
643	9.4	42159.5	-5523.6
644	9.2	42220.0	-5527.2
645	9.0	42243.5	-5513.1
646	9.2	42245.0	-5512.2
647	9.2	42310.0	-5523.1
648	9.2	42314.5	-5508.3
649	9.8	42317.5	-5515.4
650	8.8	42353.5	-5529.3
651	8.8	42355.5	-5542.1
652	9.7	42402.8	-5539.1
653	9.4	42610.8	-5540.4
654	9.9	42619.8	-5516.8
655	9.6	42634.8	-5530.9
656	9.8	42653.8	-5508.8
657	9.2	42720.3	-5547.4
658	9.7	42859.3	-5529.1
659	9.6	42929.8	-5527.2
660	9.8	42953.8	-5552.6
661	9.4	43001.3	-5531.8
662	8.1	43006.3	-5551.9
663	4.1	43118.8	-5518.2
664	8.6	43126.8	-5518.6
665	8.6	43134.8	-5537.0
666	9.2	43201.3	-5517.6
667	9.9	43203.8	-5539.2
668	9.4	43207.3	-5515.1
669	9.7	43218.3	-5549.7
670	9.4	43229.8	-5526.0
671	7.7	43246.3	-5508.9
672	9.0	43250.4	-5506.6
673	9.2	43255.9	-5505.6
674	9.7	43331.4	-5515.0
675	9.7	43337.9	-5547.2
676	9.1	43359.9	-5509.7
677	9.2	43408.4	-5547.6
678	9.2	43417.4	-5536.0
679	8.6	43425.9	-5506.8
680	9.3	43456.3	-5558.0
681	9.7	43518.9	-5534.4
682	9.1	43642.4	-5558.6
683	8.8	43728.9	-5506.6
684	9.0	43737.4	-5519.2
685	8.1	43919.1	-5502.2
686	9.2	43949.4	-5527.0
687	8.9	44034.6	-5502.2
688	9.1	44221.9	-5526.8
689	9.2	44238.9	-5552.0
690	9.1	44341.4	-5548.8
691	8.2	44350.4	-5505.5
692	9.4	44416.9	-5504.0
693	9.1	44609.8	-5505.3
694	9.0	44731.8	-5513.6
695	9.7	44800.3	-5550.6
696	9.2	44857.3	-5523.5
697	8.7	44913.3	-5549.5
698	9.7	44922.8	-5529.0
699	9.7	44938.3	-5516.0
700	9.2	44939.8	-5521.0
701	9.4	44947.4	-5529.9
702	7.5	44959.4	-5554.2
703	9.7	45029.9	-5523.0
704	9.2	45118.4	-5533.2
705	9.4	45118.6	-5559.0
706	9.6	45131.9	-5559.0
707	9.3	45157.9	-5518.4
708	9.2	45229.9	-5530.0
709	9.7	45230.9	-5517.0
710	9.4	45237.6	-5534.1
711	9.1	45302.6	-5526.0
712	9.6	45350.6	-5503.7
713	9.2	45409.6	-5500.4
714	9.1	45420.3	-5558.2
715	8.9	45421.6	-5524.0
716	8.8	45431.6	-5520.0
717	8.0	45437.6	-5548.2
718	9.2	45451.1	-5521.5
719	9.6	45510.1	-5514.0
720	9.6	45511.6	-5503.4
721	8.7	45515.1	-5554.4
722	8.5	45520.1	-5542.1
723	8.7	45601.6	-5539.6
724	9.2	45742.5	-5513.3
725	9.7	45814.0	-5512.8
726	9.7	45819.0	-5518.8
727	9.1	45901.2	-5500.0
728	9.6	45937.5	-5537.2
729	9.6	50004.5	-5521.9
730	9.0	50014.5	-5550.9
731	8.7	50022.7	-5558.4
732	9.4	50101.5	-5543.8
733	9.6	50122.0	-5529.4
734	9.4	50211.1	-5548.9
735	8.7	50212.1	-5506.5
736	8.7	50213.1	-5540.2
737	9.7	50228.1	-5553.2
738	8.6	50233.6	-5531.4
739	7.9	50236.4	-5537.1
740	9.6	50406.6	-5540.3
741	9.7	50439.0	-5526.7
742	9.0	50439.0	-5556.7
743	9.3	50459.6	-5555.6
744	7.5	50503.7	-5509.1
745	9.6	50538.4	-5542.9
746	9.2	50608.4	-5558.9
747	9.4	50609.4	-5521.3
748	9.0	50618.9	-5544.2
749	8.6	50629.4	-5509.2
750	10.0	50637.4	-5542.1
751	10.0	50647.9	-5543.0
752	9.6	50729.4	-5553.7
753	9.4	50738.6	-5543.0
754	9.4	50750.6	-5548.9
755	9.4	50810.6	-5514.6
756	8.4	50819.1	-5540.4
757	10.0	50820.1	-5519.8
758	10.0	50859.6	-5527.6

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759	10.0	50859.6	-5527.8
760	8.9	50905.6	-5555.9
761	9.2	50917.1	-5510.0
762	10.0	50924.6	-5534.8
763	8.8	50938.4	-5558.5
764	10.0	50952.6	-5540.9
765	9.0	51018.1	-5544.8
766	7.6	51101.6	-5542.6
767	10.0	51138.6	-5515.9
768	8.8	51203.1	-5547.7
769	10.0	51204.1	-5510.3
770	9.0	51249.1	-5533.3
771	10.0	51256.6	-5502.7
772	8.8	51307.6	-5521.9
773	10.0	51318.6	-5548.6
774	10.0	51337.7	-5544.6
775	10.0	51348.2	-5551.0
776	8.9	51349.7	-5545.1
777	9.0	51353.2	-5549.0
778	10.0	51417.7	-5546.9
779	9.3	51420.7	-5512.3
780	10.0	51431.2	-5538.9
781	10.0	51441.7	-5517.1
782	10.0	51446.2	-5539.6
783	9.0	51452.7	-5542.1
784	10.0	51515.7	-5530.7
785	9.4	51534.2	-5508.8
786	10.0	51541.2	-5531.8
787	8.8	51542.2	-5550.3
788	10.0	51603.2	-5555.0
789	8.6	51758.2	-5511.9
790	9.7	51808.7	-5512.9
791	8.8	51826.7	-5553.2
792	9.3	51839.2	-5505.9
793	9.3	51901.7	-5548.5
794	10.0	51922.7	-5521.3
795	10.0	52000.2	-5540.0
796	10.0	52015.2	-5518.4
797	10.0	52017.7	-5541.1
798	9.8	52046.7	-5506.2
799	9.7	52048.7	-5504.1
800	9.4	52113.7	-5540.7
801	8.8	52114.7	-5542.3
802	9.4	52124.7	-5553.2
803	9.4	52149.2	-5546.4
804	9.4	52150.7	-5509.3
805	9.6	52221.7	-5546.8
806	9.4	52249.7	-5544.2
807	9.8	52257.2	-5507.8
808	9.8	52319.7	-5545.9
809	9.3	52348.7	-5531.9
810	9.4	52420.3	-5515.9
811	10.0	52445.3	-5510.9
812	9.4	52528.8	-5507.8
813	9.4	52533.3	-5528.7
814	9.8	52609.8	-5535.1
815	9.4	52653.8	-5520.9
816	9.6	52749.8	-5516.3
817	9.4	52757.8	-5513.7
818	9.7	52758.3	-5511.7
819	9.6	52819.3	-5546.1
820	9.7	52822.3	-5503.3
821	9.6	52838.3	-5547.1
822	10.0	52901.8	-5521.7
823	9.6	52902.8	-5509.9
824	9.6	52902.8	-5516.9
825	9.7	52945.8	-5518.8
826	9.6	52953.3	-5540.1
827	10.0	53009.3	-5554.7
828	9.8	53046.8	-5528.1
829	10.0	53051.3	-5554.3
830	9.4	53102.8	-5514.9
831	9.8	53107.8	-5558.9
832	9.3	53113.3	-5513.7
833	9.7	53149.3	-5538.5
834	10.0	53154.8	-5518.6
835	9.0	53218.8	-5520.1
836	9.7	53229.8	-5533.6
837	9.8	53235.3	-5528.5
838	9.4	53352.8	-5530.5
839	8.8	53354.8	-5529.1
840	10.0	53412.3	-5503.3
841	9.6	53442.3	-5528.2
842	9.7	53529.8	-5523.9
843	9.7	53533.1	-5527.7
844	9.7	53556.4	-5553.6
845	8.1	53559.6	-5501.5
846	9.4	53600.4	-5518.4
847	10.4	53611.6	-5518.0
848	9.0	53701.3	-5540.5
849	10.4	53701.9	-5509.0
850	9.1	53715.4	-5539.7
851	9.6	53751.4	-5528.1
852	10.4	53803.4	-5539.3
853	9.4	53812.4	-5527.8
854	9.6	53831.6	-5557.7
855	9.4	53859.9	-5535.6
856	10.2	53918.9	-5527.8
857	9.0	53928.9	-5519.6
858	10.4	53945.9	-5533.4
859	10.2	54027.8	-5526.8
860	9.6	54132.8	-5506.1
861	9.6	54145.8	-5500.6
862	7.8	54153.8	-5544.9
863	10.0	54226.3	-5553.2
864	7.8	54255.8	-5546.3
865	10.4	54302.8	-5513.5
866	7.2	54310.8	-5537.5
867	10.0	54325.8	-5537.6
868	10.2	54341.8	-5548.5
869	9.1	54400.8	-5535.5
870	8.0	54405.8	-5559.0
871	8.7	54445.3	-5536.6
872	9.9	54448.8	-5526.0
873	10.2	54450.8	-5506.6
874	8.1	54508.3	-5504.8
875	9.1	54520.8	-5526.1
876	9.6	54559.8	-5514.4
877	9.9	54600.8	-5501.1
878	9.4	54604.8	-5500.8
879	8.7	54627.8	-5553.7
880	10.4	54642.8	-5558.5
881	9.3	54712.8	-5526.1
882	10.4	54713.8	-5553.7
883	9.0	54714.8	-5525.8
884	10.4	54742.8	-5502.4
885	10.4	54744.8	-5527.4
886	7.5	54746.8	-5507.0
887	8.0	54749.3	-5538.8
888	7.6	54750.8	-5505.2
889	8.8	54802.8	-5519.2
890	9.6	54845.8	-5527.1
891	10.4	54920.8	-5541.1
892	10.2	54934.8	-5514.6
893	9.6	54935.8	-5503.9
894	10.2	54950.8	-5531.4
895	9.4	54954.8	-5503.7
896	9.6	54958.3	-5555.7
897	9.6	55003.8	-5504.5
898	10.0	55021.3	-5527.8
899	10.4	55031.8	-5508.7
900	9.4	55036.7	-5543.0
901	9.6	55113.7	-5546.0
902	8.8	55130.2	-5507.0
903	8.8	55213.2	-5552.3
904	8.4	55236.7	-5514.8
905	8.8	55315.7	-5549.0
906	10.2	55321.7	-5533.8
907	10.2	55325.1	-5500.4
908	9.6	55347.7	-5513.1
909	9.1	55416.2	-5535.8
910	9.4	55419.2	-5523.4
911	10.4	55504.7	-5518.3
912	9.8	55512.7	-5530.4
913	9.4	55601.2	-5512.8
914	10.2	55606.2	-5505.0
915	10.4	55617.2	-5554.0
916	10.2	55632.2	-5548.8
917	10.4	55700.2	-5543.4
918	10.2	55708.2	-5553.0
919	9.4	55717.2	-5522.2
920	9.6	55727.2	-5534.6
921	8.7	55736.2	-5513.4
922	10.2	55738.2	-5505.3
923	8.4	55806.2	-5505.4
924	10.4	55856.7	-5539.0
925	10.4	55901.2	-5542.9
926	9.6	55911.7	-5512.0
927	9.3	55912.2	-5513.0
928	9.3	55913.2	-5547.0
929	10.4	60037.7	-5547.0
930	9.6	60048.2	-5539.6
931	9.3	60100.2	-5548.1
932	9.0	60107.4	-5546.1
933	8.8	60110.4	-5513.1
934	10.4	60121.4	-5556.9
935	9.6	60124.9	-5517.1
936	8.4	60156.1	-5556.4
937	8.8	60224.4	-5556.1
938	8.8	60314.9	-5505.7

-55 939 6h03m

-55 1298 7h35m

939	10.4	60315.4 -5548.3	1029	9.8	63551.4 -5540.5	1119	10.1	65711.7 -5517.1	1209	7.7	71608.3 -5503.1
940	8.2	60345.6 -5557.4	1030	9.2	63621.9 -5533.4	1120	10.0	65714.2 -5509.9	1210	9.2	71610.8 -5527.0
941	9.4	60351.4 -5516.1	1031	8.6	63630.9 -5511.1	1121	10.0	65724.2 -5504.9	1211	9.4	71614.8 -5534.7
942	10.2	60356.9 -5543.9	1032	9.2	63649.4 -5550.6	1122	9.5	65725.2 -5542.0	1212	9.0	71632.8 -5536.3
943	10.4	60407.4 -5556.7	1033	9.6	63704.4 -5522.2	1123	8.8	65732.2 -5532.9	1213	8.0	71644.3 -5522.9
944	8.7	60427.4 -5518.1	1034	9.2	63706.4 -5513.8	1124	10.3	65746.2 -5551.3	1214	8.0	71650.3 -5544.3
945	9.4	60453.4 -5550.5	1035	9.6	63719.9 -5529.7	1125	10.1	65820.2 -5545.4	1215	9.0	71701.3 -5540.2
946	10.2	60453.9 -5527.5	1036	9.3	63739.9 -5526.6	1126	9.5	65821.2 -5549.1	1216	9.7	71701.8 -5513.0
947	8.1	60517.4 -5541.1	1037	9.4	63749.4 -5525.2	1127	10.0	65822.7 -5539.0	1217	9.3	71702.8 -5514.4
948	9.6	60523.4 -5521.1	1038	9.6	63801.0 -5554.8	1128	9.8	65826.9 -5502.5	1218	9.2	71707.3 -5530.0
949	9.9	60536.9 -5522.7	1039	9.1	63839.0 -5505.5	1129	9.5	65836.7 -5503.2	1219	9.7	71736.8 -5525.1
950	9.8	60548.9 -5536.2	1040	10.0	63840.0 -5520.6	1130	10.2	65850.7 -5552.0	1220	8.6	71809.8 -5508.7
951	9.6	60552.9 -5538.3	1041	8.7	63917.0 -5552.7	1131	10.1	65908.3 -5558.2	1221	9.7	71852.3 -5506.6
952	8.7	60553.9 -5513.2	1042	9.0	63921.5 -5523.3	1132	8.6	65940.7 -5515.4	1222	9.2	71855.8 -5506.5
953	10.2	60632.9 -5502.8	1043	10.0	63930.0 -5531.1	1133	10.0	70035.8 -5559.7	1223	9.7	71902.3 -5552.1
954	10.2	60651.4 -5522.7	1044	10.0	63938.0 -5501.0	1134	9.6	70036.7 -5519.8	1224	7.8	71916.8 -5531.8
955	10.0	60658.7 -5500.7	1045	9.8	64003.6 -5549.7	1135	9.5	70044.7 -5509.6	1225	9.6	71924.3 -5549.4
956	9.1	60721.4 -5538.9	1046	10.3	64010.4 -5549.8	1136	8.8	70044.7 -5519.0	1226	8.9	72003.3 -5519.6
957	9.8	60731.9 -5537.8	1047	7.8	64030.2 -5553.5	1137	8.4	70047.2 -5527.4	1227	7.8	72020.8 -5520.2
958	10.0	60744.9 -5523.5	1048	9.8	64046.2 -5507.0	1138	8.6	70100.2 -5537.5	1228	8.8	72051.3 -5500.2
959	9.8	60811.4 -5507.4	1049	9.2	64049.7 -5500.2	1139	8.2	70101.7 -5545.8	1229	8.6	72124.3 -5529.3
960	10.0	60841.4 -5557.9	1050	8.3	64050.7 -5506.2	1140	10.3	70110.2 -5524.0	1230	9.2	72130.8 -5539.6
961	10.4	60845.9 -5505.2	1051	9.8	64051.7 -5550.2	1141	10.0	70142.2 -5514.7	1231	9.0	72156.8 -5543.1
962	10.4	60851.4 -5503.6	1052	9.5	64055.9 -5500.7	1142	10.1	70142.7 -5506.6	1232	8.4	72200.3 -5541.8
963	10.0	60857.4 -5531.1	1053	9.5	64113.2 -5518.5	1143	10.3	70154.7 -5517.2	1233	9.7	72217.3 -5539.4
964	8.8	60924.1 -5546.3	1054	9.5	64113.7 -5537.9	1144	10.3	70210.2 -5520.0	1234	9.7	72229.8 -5540.8
965	9.6	60957.4 -5528.3	1055	9.8	64128.7 -5530.6	1145	10.3	70220.2 -5523.0	1235	9.0	72243.3 -5533.1
966	9.2	61011.4 -5545.4	1056	9.2	64130.7 -5504.2	1146	9.6	70221.7 -5520.6	1236	9.4	72259.3 -5529.5
967	9.6	61028.9 -5549.0	1057	9.5	64151.7 -5519.4	1147	9.6	70247.7 -5547.6	1237	8.2	72311.3 -5506.7
968	10.0	61111.9 -5542.9	1058	9.1	64323.7 -5505.1	1148	10.1	70315.7 -5539.0	1238	9.2	72346.3 -5525.8
969	9.8	61207.9 -5508.6	1059	10.0	64334.7 -5540.3	1149	10.3	70316.2 -5539.9	1239	8.6	72428.6 -5559.6
970	8.7	61221.9 -5545.9	1060	10.2	64338.2 -5550.6	1150	10.2	70354.7 -5528.0	1240	8.1	72428.8 -5534.7
971	9.2	61240.9 -5517.1	1061	10.0	64410.2 -5537.6	1151	9.8	70406.3 -5556.9	1241	8.3	72455.8 -5509.2
972	10.0	61306.4 -5524.7	1062	9.2	64443.2 -5508.0	1152	10.3	70422.2 -5516.0	1242	8.8	72500.3 -5551.0
973	9.8	61307.9 -5506.3	1063	7.4	64453.2 -5524.1	1153	9.8	70423.2 -5533.2	1243	9.0	72506.3 -5543.3
974	10.0	61308.9 -5555.1	1064	8.6	64505.7 -5507.6	1154	9.6	70425.7 -5557.3	1244	9.0	72519.8 -5553.6
975	9.2	61328.4 -5515.0	1065	9.0	64515.7 -5515.1	1155	9.6	70431.2 -5543.2	1245	8.9	72541.3 -5523.1
976	9.4	61359.4 -5545.2	1066	10.1	64518.7 -5519.0	1156	9.0	70433.2 -5534.7	1246	9.3	72636.3 -5520.1
977	10.0	61415.9 -5531.7	1067	10.1	64539.7 -5505.3	1157	9.4	70442.7 -5546.2	1247	8.0	72649.8 -5502.8
978	9.4	61424.9 -5515.5	1068	8.8	64550.2 -5518.8	1158	10.0	70455.7 -5518.0	1248	9.2	72655.3 -5548.0
979	7.4	61442.0 -5521.9	1069	8.5	64553.7 -5556.7	1159	9.5	70515.7 -5555.6	1249	9.2	72658.8 -5538.1
980	8.8	61442.5 -5524.3	1070	9.5	64554.7 -5503.6	1160	10.3	70520.0 -5516.8	1250	9.6	72705.3 -5513.9
981	9.0	61522.5 -5532.2	1071	10.0	64608.2 -5505.8	1161	9.4	70534.0 -5542.9	1251	9.7	72712.3 -5522.6
982	9.4	61536.0 -5521.3	1072	9.5	64625.7 -5526.8	1162	9.4	70541.0 -5512.1	1252	9.4	72728.3 -5504.2
983	9.4	61539.0 -5523.1	1073	9.7	64701.2 -5518.6	1163	10.0	70541.0 -5521.9	1253	9.0	72750.3 -5520.9
984	9.3	61540.5 -5521.9	1074	10.3	64701.7 -5542.1	1164	9.0	70554.0 -5516.0	1254	9.6	72753.3 -5516.0
985	10.0	61610.5 -5512.6	1075	7.4	64739.7 -5545.3	1165	9.0	70557.0 -5556.9	1255	9.7	72759.6 -5534.9
986	9.1	61828.5 -5536.9	1076	9.5	64750.7 -5531.5	1166	10.3	70615.5 -5540.3	1256	8.7	72807.1 -5518.4
987	9.8	61849.0 -5540.7	1077	10.3	64801.2 -5515.6	1167	10.2	70621.5 -5554.2	1257	9.7	72814.6 -5518.3
988	9.8	62023.5 -5533.7	1078	8.2	64805.2 -5535.6	1168	10.3	70647.0 -5533.1	1258	8.6	72836.1 -5554.7
989	9.8	62040.5 -5553.7	1079	9.8	64840.2 -5525.4	1169	9.6	70652.0 -5526.8	1259	9.2	72917.6 -5514.5
990	10.0	62045.5 -5543.8	1080	9.5	64903.7 -5507.1	1170	9.0	70702.0 -5542.5	1260	9.6	72929.5 -5558.5
991	9.6	62103.5 -5503.7	1081	8.6	64908.2 -5526.2	1171	9.0	70714.0 -5531.2	1261	9.0	72936.1 -5524.0
992	10.0	62119.5 -5533.3	1082	9.2	64908.7 -5533.6	1172	9.8	70719.5 -5545.9	1262	9.7	72938.3 -5518.0
993	9.6	62153.5 -5530.9	1083	9.2	64914.7 -5542.1	1173	9.6	70750.0 -5513.1	1263	9.7	72940.3 -5517.2
994	10.0	62200.5 -5508.8	1084	8.8	64938.2 -5548.1	1174	7.6	70751.5 -5522.8	1264	9.3	72948.6 -5507.5
995	9.0	62231.0 -5546.4	1085	9.2	64949.7 -5557.4	1175	9.4	70802.0 -5546.0	1265	9.6	73008.1 -5504.8
996	7.6	62245.5 -5539.3	1086	10.3	64959.7 -5515.3	1176	10.3	70804.0 -5509.5	1266	9.2	73010.1 -5511.7
997	8.8	62310.5 -5541.0	1087	9.4	65041.7 -5519.8	1177	10.3	70811.0 -5535.5	1267	9.4	73040.1 -5534.0
998	8.7	62318.0 -5505.3	1088	10.0	65043.7 -5547.8	1178	9.8	70812.5 -5522.9	1268	9.6	73044.1 -5533.6
999	10.0	62325.0 -5529.8	1089	10.0	65050.2 -5518.3	1179	9.1	70814.0 -5532.0	1269	9.7	73059.1 -5551.9
1000	9.4	62335.0 -5502.0	1090	10.3	65050.2 -5501.7	1180	9.6	70817.5 -5521.2	1270	9.2	73145.1 -5525.4
1001	9.1	62340.5 -5530.4	1091	10.1	65109.7 -5556.0	1181	9.6	70826.0 -5520.7	1271	9.6	73145.6 -5534.7
1002	9.8	62418.0 -5548.5	1092	10.3	65126.2 -5515.0	1182	9.2	70840.5 -5552.5	1272	9.6	73151.6 -5556.2
1003	9.8	62533.5 -5551.8	1093	8.8	65133.7 -5537.2	1183	9.5	70909.7 -5557.4	1273	8.3	73209.6 -5529.8
1004	9.4	62558.0 -5536.6	1094	10.2	65147.2 -5546.3	1184	9.4	70915.5 -5516.5	1274	9.4	73212.1 -5506.0
1005	7.9	62626.5 -5550.1	1095	8.4	65221.2 -5505.6	1185	7.4	70928.7 -5556.9	1275	9.7	73220.6 -5553.7
1006	9.8	62645.5 -5533.2	1096	9.2	65229.7 -5538.8	1186	9.5	70929.5 -5551.9	1276	8.6	73230.1 -5533.4
1007	8.4	62700.4 -5525.5	1097	9.6	65250.7 -5506.0	1187	9.8	70952.0 -5519.2	1277	9.6	73242.6 -5538.4
1008	9.1	62709.9 -5553.6	1098	9.6	65302.2 -5504.9	1188	9.2	71004.0 -5527.2	1278	9.6	73246.3 -5541.5
1009	9.6	62724.4 -5515.1	1099	10.3	65313.2 -5539.4	1189	9.5	71014.0 -5523.1	1279	8.6	73248.1 -5551.3
1010	9.8	62733.4 -5545.1	1100	10.3	65330.2 -5551.6	1190	10.3	71019.5 -5500.4	1280	9.2	73250.1 -5522.7
1011	9.8	62938.4 -5513.0	1101	9.4	65330.2 -5526.0	1191	10.1	71045.0 -5516.6	1281	9.4	73320.1 -5510.2
1012	8.2	63010.4 -5513.1	1102	9.1	65331.2 -5525.7	1192	9.5	71048.5 -5525.1	1282	7.2	73321.6 -5536.4
1013	9.8	63044.4 -5515.2	1103	10.0	65359.2 -5555.2	1193	9.0	71049.5 -5521.5	1283	9.0	73324.6 -5514.2
1014	9.1	63049.9 -5519.4	1104	8.8	65359.2 -5555.5	1194	9.5	71059.5 -5521.9	1284	9.7	73325.3 -5550.3
1015	9.0	63054.4 -5519.3	1105	9.4	65359.2 -5520.3	1195	9.8	71101.5 -5508.0	1285	9.6	73400.1 -5545.5
1016	10.0	63105.9 -5559.2	1106	9.6	65400.2 -5523.0	1196	9.8	71111.0 -5525.0	1286	9.0	73400.1 -5513.1
1017	9.8	63110.4 -5545.7	1107	10.0	65401.7 -5540.7	1197	10.1	71131.8 -5501.9	1287	9.7	73402.1 -5532.0
1018	8.7	63154.9 -5508.6	1108	10.1	65419.7 -5558.8	1198	9.5	71140.0 -5529.7	1288	9.4	73422.1 -5555.2
1019	9.1	63158.4 -5519.6	1109	10.3	65421.7 -5534.4	1199	10.1	71143.0 -5559.2	1289	9.6	73426.1 -5555.1
1020	9.6	63200.4 -5544.0	1110	9.0	65432.2 -5538.0	1200	9.6	71217.6 -5553.0	1290	9.0	73510.1 -5552.7
1021	9.1	63229.9 -5502.1	1111	8.8	65446.7 -5544.8	1201	8.8	71255.9 -5528.8	1291	8.2	73513.6 -5553.8
1022	9.2	63319.9 -5554.2	1112	7.4	65500.7 -5529.9	1202	8.9	71257.8 -5535.9	1292	9.4	73515.1 -5527.4
1023	8.0	63328.4 -5514.6	1113	8.0	65500.7 -5556.1	1203	9.3	71258.8 -5520.0	1293	9.3	73515.6 -5529.0
1024	9.3	63421.4 -5530.8	1114	10.2	65529.7 -5506.2	1204	8.0	71324.8 -5530.7	1294	9.2	73516.1 -5533.5
1025	9.8	63439.9 -5508.6	1115	10.3	65542.7 -5555.4	1205	8.4	71353.3 -5553.1	1295	9.2	73519.6 -5525.2
1026	8.8	63449.9 -5519.2	1116	7.4	65612.7 -5533.2	1206	9.4	71353.8 -5522.5	1296	9.6	73540.3 -5500.5
1027	9.6	63507.9 -5508.4	1117	9.0	65613.2 -5527.1	1207	9.6	71406.3 -5510.2	1297	9.7	73554.0 -5538.6
1028	7.2	63509.9 -5514.0	1118	9.6	65630.2 -5522.9	1208	8.2	71409.3 -5542.9	1298	9.6	73554.3 -5557.6

-55 1299 7h36m

1299 7.9	73600.0 -5556.6	1389 9.6	75213.0 -5529.6
1300 9.3	73600.0 -5510.2	1390 10.2	75220.0 -5532.0
1301 8.5	73620.0 -5526.7	1391 10.2	75222.0 -5545.5
1302 8.9	73640.0 -5529.9	1392 8.6	75226.0 -5511.0
1303 9.2	73649.0 -5530.9	1393 10.0	75237.0 -5557.9
1304 9.7	73735.5 -5545.9	1394 10.2	75256.0 -5553.1
1305 9.7	73740.0 -5548.5	1395 9.4	75258.5 -5529.2
1306 9.7	73745.0 -5538.0	1396 10.2	75302.4 -5557.6
1307 9.7	73753.0 -5547.3	1397 9.4	75320.5 -5504.1
1308 7.3	73758.0 -5521.5	1398 9.8	75347.0 -5510.6
1309 9.7	73814.0 -5523.2	1399 10.0	75350.5 -5531.4
1310 9.2	73819.0 -5511.2	1400 9.4	75404.5 -5548.2
1311 9.7	73830.0 -5540.1	1401 10.2	75404.5 -5527.6
1312 9.7	73850.0 -5539.4	1402 10.0	75429.5 -5537.8
1313 9.2	73850.0 -5539.7	1403 8.2	75534.5 -5530.2
1314 9.7	73857.8 -5500.3	1404 8.6	75602.0 -5540.3
1315 9.6	73909.0 -5510.1	1405 10.2	75609.0 -5523.9
1316 8.3	73915.5 -5512.9	1406 10.2	75611.5 -5508.4
1317 9.2	73929.5 -5521.3	1407 10.2	75619.0 -5504.9
1318 9.4	73935.5 -5522.6	1408 10.2	75630.5 -5555.2
1319 7.4	73944.0 -5551.0	1409 9.4	75631.5 -5503.8
1320 7.6	74004.5 -5501.0	1410 9.8	75641.5 -5541.9
1321 8.7	74100.0 -5514.9	1411 9.8	75654.0 -5513.1
1322 9.7	74114.5 -5546.9	1412 9.5	75704.0 -5553.1
1323 9.2	74120.0 -5553.1	1413 9.6	75720.0 -5501.9
1324 9.3	74201.0 -5510.1	1414 9.5	75749.0 -5538.8
1325 9.2	74222.0 -5530.2	1415 9.4	75753.5 -5523.0
1326 9.3	74250.8 -5558.3	1416 9.6	75757.0 -5545.2
1327 9.0	74252.5 -5545.8	1417 10.2	75825.5 -5544.7
1328 8.2	74252.5 -5522.6	1418 10.2	75826.0 -5547.7
1329 9.6	74258.5 -5516.1	1419 6.1	75836.0 -5506.3
1330 9.6	74259.9 -5548.8	1420 9.2	75850.6 -5510.8
1331 8.6	74300.9 -5500.6	1421 10.2	75857.6 -5507.1
1332 8.1	74319.4 -5553.2	1422 10.2	75911.1 -5526.5
1333 9.2	74319.9 -5509.4	1423 9.0	75911.6 -5521.2
1334 8.9	74324.4 -5521.0	1424 7.3	75912.1 -5515.2
1335 9.7	74340.9 -5548.6	1425 6.7	75920.6 -5511.4
1336 9.3	74353.9 -5552.4	1426 9.5	75923.6 -5508.7
1337 9.6	74402.0 -5502.2	1427 9.8	75930.1 -5510.7
1338 10.2	74411.6 -5549.4	1428 8.8	75933.6 -5535.1
1339 9.8	74431.3 -5508.6	1429 8.6	75941.2 -5557.2
1340 9.2	74435.8 -5530.6	1430 9.8	75947.6 -5528.5
1341 9.2	74449.8 -5548.6	1431 9.0	75956.1 -5516.2
1342 9.8	74501.8 -5511.8	1432 9.2	80001.1 -5543.7
1343 9.8	74503.8 -5512.4	1433 10.2	80002.6 -5521.0
1344 10.2	74505.3 -5539.8	1434 9.2	80022.6 -5545.4
1345 9.6	74507.8 -5530.0	1435 10.2	80024.6 -5540.7
1346 10.2	74521.3 -5537.6	1436 10.0	80026.1 -5511.9
1347 8.5	74529.3 -5520.4	1437 9.4	80034.6 -5534.2
1348 9.6	74529.8 -5522.4	1438 10.2	80040.6 -5505.8
1349 10.2	74540.7 -5507.9	1439 10.2	80050.6 -5515.1
1350 9.4	74551.2 -5524.7	1440 10.2	80100.6 -5505.7
1351 10.0	74559.7 -5520.3	1441 9.0	80140.1 -5525.7
1352 8.6	74607.7 -5541.7	1442 9.6	80145.1 -5515.7
1353 10.0	74610.7 -5555.1	1443 9.2	80150.6 -5533.0
1354 10.0	74610.7 -5503.6	1444 9.4	80152.1 -5517.8
1355 10.0	74616.2 -5540.5	1445 10.2	80216.1 -5527.5
1356 10.2	74627.2 -5503.7	1446 10.2	80224.6 -5550.1
1357 10.2	74630.7 -5542.9	1447 9.8	80237.6 -5548.9
1358 10.2	74632.7 -5551.9	1448 9.6	80241.6 -5528.7
1359 10.0	74648.2 -5509.1	1449 10.0	80254.1 -5515.6
1360 10.2	74651.7 -5535.3	1450 8.4	80303.1 -5548.4
1361 8.0	74657.2 -5538.9	1451 9.6	80310.1 -5517.0
1362 9.8	74720.2 -5532.3	1452 9.6	80319.6 -5547.1
1363 8.4	74742.2 -5515.9	1453 10.0	80325.6 -5534.6
1364 8.4	74743.7 -5519.5	1454 9.6	80335.6 -5539.4
1365 9.0	74800.2 -5507.5	1455 10.2	80337.6 -5512.7
1366 9.4	74803.2 -5516.5	1456 9.2	80342.6 -5554.9
1367 9.8	74810.2 -5533.6	1457 10.2	80353.2 -5558.4
1368 9.4	74821.2 -5555.3	1458 9.4	80355.1 -5543.2
1369 8.9	74831.7 -5506.3	1459 10.0	80400.1 -5541.9
1370 9.4	74845.7 -5507.5	1460 10.2	80417.7 -5509.8
1371 9.6	74852.2 -5517.6	1461 9.5	80435.2 -5527.2
1372 8.0	74900.2 -5522.7	1462 9.2	80458.7 -5506.9
1373 9.8	74921.7 -5536.9	1463 9.4	80500.7 -5503.0
1374 9.4	74937.2 -5550.3	1464 10.2	80524.8 -5508.9
1375 9.8	74949.2 -5516.9	1465 8.5	80552.2 -5504.0
1376 8.6	74957.2 -5523.1	1466 10.2	80620.2 -5555.4
1377 9.5	75014.2 -5504.5	1467 5.9	80639.2 -5543.0
1378 10.2	75028.2 -5520.1	1468 9.8	80707.7 -5518.6
1379 10.2	75043.7 -5500.9	1469 9.4	80740.7 -5527.2
1380 9.8	75044.2 -5534.9	1470 9.8	80740.7 -5508.2
1381 10.2	75109.7 -5536.5	1471 10.2	80756.8 -5515.4
1382 8.6	75112.2 -5520.3	1472 8.9	80800.6 -5500.4
1383 10.2	75120.9 -5500.9	1473 10.2	80805.7 -5551.2
1384 10.0	75142.0 -5533.3	1474 10.0	80810.7 -5538.2
1385 9.2	75149.0 -5521.4	1475 10.2	80818.2 -5505.9
1386 9.8	75152.5 -5547.8	1476 10.2	80819.2 -5545.6
1387 10.2	75200.5 -5558.6	1477 8.6	80825.7 -5548.7
1388 8.8	75207.5 -5501.9	1478 9.8	80828.7 -5511.5
1479 9.2	80830.2 -5549.7	1569 9.8	82533.0 -5507.5
1480 9.5	80830.7 -5506.4	1570 10.1	82602.0 -5535.3
1481 8.8	80840.5 -5559.3	1571 9.4	82607.0 -5550.9
1482 10.2	80840.7 -5513.6	1572 8.0	82622.8 -5500.0
1483 10.0	80900.7 -5512.4	1573 10.0	82634.0 -5527.1
1484 8.6	80907.2 -5504.8	1574 10.1	82643.5 -5545.8
1485 9.6	80946.2 -5540.5	1575 9.7	82645.5 -5502.0
1486 9.4	81010.7 -5503.5	1576 10.1	82715.0 -5504.0
1487 9.6	81050.2 -5511.2	1577 10.1	82726.5 -5537.0
1488 10.2	81050.2 -5538.7	1578 10.0	82730.5 -5516.4
1489 9.4	81106.2 -5527.7	1579 10.0	82732.0 -5534.6
1490 10.0	81141.7 -5515.6	1580 9.7	82739.0 -5514.5
1491 8.8	81152.7 -5508.0	1581 10.1	82750.0 -5521.3
1492 10.2	81220.7 -5557.0	1582 10.0	82802.5 -5520.9
1493 8.8	81226.2 -5502.0	1583 10.0	82806.3 -5502.2
1494 8.4	81340.2 -5519.7	1584 8.7	82806.5 -5535.5
1495 9.6	81414.9 -5502.5	1585 9.0	82813.0 -5534.7
1496 9.8	81418.7 -5507.6	1586 9.6	82821.0 -5540.4
1497 10.0	81439.4 -5540.4	1587 9.4	82827.5 -5528.9
1498 7.6	81442.9 -5523.1	1588 8.7	82831.0 -5522.5
1499 7.8	81443.4 -5530.2	1589 8.9	82837.0 -5522.8
1500 9.8	81452.3 -5556.5	1590 10.0	82840.0 -5557.8
1501 9.0	81509.0 -5512.4	1591 8.7	82852.5 -5556.9
1502 10.2	81512.4 -5549.6	1592 9.8	82856.0 -5539.5
1503 10.2	81527.3 -5524.0	1593 9.4	82857.0 -5539.1
1504 10.0	81535.9 -5549.0	1594 10.0	82924.8 -5500.5
1505 8.6	81545.4 -5505.3	1595 7.7	82927.8 -5502.7
1506 10.0	81545.9 -5523.1	1596 8.9	82930.5 -5532.4
1507 10.1	81553.6 -5535.1	1597 10.1	82930.5 -5547.3
1508 9.7	81615.6 -5508.1	1598 9.8	82932.0 -5516.3
1509 10.1	81620.0 -5547.1	1599 9.0	82934.5 -5526.9
1510 9.6	81631.1 -5509.7	1600 9.7	82934.5 -5553.0
1511 10.1	81652.1 -5539.6	1601 10.1	82936.2 -5522.9
1512 8.5	81654.1 -5551.3	1602 10.0	82943.0 -5544.9
1513 9.8	81710.1 -5506.6	1603 9.6	82947.5 -5514.1
1514 9.6	81712.6 -5534.1	1604 9.4	82951.5 -5503.0
1515 9.4	81732.1 -5532.8	1605 10.1	82955.0 -5543.9
1516 10.0	81736.6 -5531.3	1606 7.4	82959.5 -5558.2
1517 10.1	81740.6 -5540.3	1607 9.4	83010.5 -5504.9
1518 9.4	81800.1 -5516.8	1608 9.1	83011.5 -5503.5
1519 9.8	81801.1 -5536.8	1609 8.5	83012.5 -5549.5
1520 9.4	81810.1 -5524.7	1610 10.1	83018.0 -5504.9
1521 9.8	81830.5 -5556.5	1611 9.6	83023.0 -5551.7
1522 9.6	81846.1 -5510.6	1612 9.6	83024.5 -5527.3
1523 9.4	81849.6 -5559.1	1613 9.8	83031.0 -5518.5
1524 9.8	81853.6 -5514.7	1614 9.4	83031.5 -5507.2
1525 9.8	81914.1 -5504.7	1615 10.0	83037.0 -5551.5
1526 10.1	81930.6 -5507.1	1616 10.1	83053.0 -5527.7
1527 10.0	81931.6 -5504.9	1617 9.7	83054.5 -5531.5
1528 10.0	81943.6 -5534.2	1618 10.1	83103.0 -5546.5
1529 9.3	81944.6 -5544.9	1619 9.8	83111.5 -5527.0
1530 9.8	81947.1 -5540.8	1620 10.0	83118.2 -5510.5
1531 8.7	81956.1 -5536.1	1621 10.1	83125.5 -5551.4
1532 9.6	82000.1 -5532.1	1622 10.0	83139.5 -5527.3
1533 9.7	82017.1 -5507.7	1623 10.1	83159.5 -5521.9
1534 10.1	82019.3 -5559.8	1624 10.1	83200.0 -5545.9
1535 10.0	82022.1 -5518.9	1625 8.9	83202.0 -5537.1
1536 10.1	82031.1 -5531.0	1626 9.8	83202.0 -5510.9
1537 10.1	82103.6 -5559.9	1627 10.0	83210.0 -5545.9
1538 9.4	82110.1 -5532.7	1628 10.1	83229.5 -5505.5
1539 8.4	82116.6 -5523.0	1629 10.1	83231.0 -5529.5
1540 9.4	82130.1 -5532.6	1630 7.5	83245.5 -5556.6
1541 9.6	82149.6 -5555.9	1631 9.3	83245.5 -5515.0
1542 9.6	82151.3 -5559.4	1632 10.1	83258.0 -5552.9
1543 7.2	82201.1 -5503.9	1633 10.1	83301.0 -5516.1
1544 7.4	82215.1 -5520.4	1634 9.8	83302.5 -5531.7
1545 8.5	82218.1 -5519.3	1635 9.7	83306.0 -5525.5
1546 9.6	82219.1 -5511.9	1636 10.1	83313.0 -5532.1
1547 9.6	82231.8 -5556.9	1637 10.1	83319.2 -5547.4
1548 9.7	82235.1 -5532.4	1638 9.4	83347.5 -5525.7
1549 9.8	82236.1 -5508.9	1639 10.1	83351.5 -5545.0
1550 10.1	82327.2 -5558.9	1640 9.7	83401.0 -5516.9
1551 9.2	82335.1 -5543.7	1641 10.1	83401.0 -5527.8
1552 9.6	82341.6 -5542.0	1642 9.2	83417.0 -5522.7
1553 9.6	82342.1 -5504.5	1643 8.9	83420.0 -5549.5
1554 9.4	82350.6 -5548.2	1644 9.8	83432.0 -5505.3
1555 8.7	82403.6 -5550.9	1645 10.0	83433.5 -5543.0
1556 9.6	82407.6 -5524.4	1646 9.6	83433.5 -5507.4
1557 9.8	82411.1 -5519.2	1647 10.0	83437.0 -5515.0
1558 10.1	82420.0 -5504.4	1648 10.1	83445.5 -5511.1
1559 9.6	82421.0 -5506.4	1649 10.0	83451.0 -5533.2
1560 10.0	82423.5 -5527.8	1650 8.7	83456.0 -5517.7
1561 10.1	82429.0 -5554.7	1651 9.4	83513.7 -5556.9
1562 10.1	82430.5 -5548.9	1652 10.0	83521.0 -5555.5
1563 8.2	82517.5 -5537.6	1653 9.2	83522.0 -5523.7
1564 10.1	82524.0 -5521.6	1654 10.0	83524.5 -5552.7
1565 10.1	82524.5 -5549.2	1655 9.4	83529.5 -5531.2
1566 10.1	82525.0 -5520.5	1656 9.8	83531.5 -5526.4
1567 9.4	82525.5 -5516.3	1657 10.0	83538.5 -5528.2
1568 9.2	82531.5 -5532.9	1658 9.8	83546.0 -5517.9

-55 1658 8h35m

-55 1659 8h35m

-55 2018 9h09m

1659	9.6	83547.0	-5506.5	1749	9.1	84331.0	-5533.9	1839	9.6	85100.9	-5501.5	1929	9.6	90112.9	-5503.9
1660	8.0	83550.0	-5530.1	1750	8.8	84331.0	-5515.8	1840	8.8	85110.3	-5545.3	1930	9.0	90116.4	-5555.2
1661	9.6	83557.0	-5553.3	1751	9.8	84340.5	-5524.3	1841	8.8	85119.8	-5504.3	1931	9.1	90120.9	-5530.9
1662	10.0	83626.0	-5509.9	1752	9.8	84341.0	-5544.1	1842	9.4	85119.8	-5535.3	1932	9.1	90129.9	-5525.4
1663	10.0	83628.0	-5533.9	1753	9.6	84346.0	-5522.5	1843	9.1	85131.3	-5545.6	1933	9.0	90132.4	-5529.7
1664	9.4	83631.0	-5519.9	1754	9.8	84346.0	-5510.6	1844	9.2	85209.8	-5511.0	1934	9.3	90137.0	-5500.9
1665	9.6	83632.7	-5541.4	1755	9.6	84349.0	-5513.2	1845	9.4	85210.3	-5530.9	1935	8.8	90139.4	-5523.5
1666	9.8	83633.5	-5508.1	1756	9.0	84353.5	-5522.6	1846	9.1	85214.8	-5551.1	1936	9.6	90139.9	-5528.9
1667	9.8	83635.2	-5535.6	1757	10.0	84402.5	-5513.9	1847	9.6	85220.8	-5558.1	1937	8.4	90144.4	-5532.1
1668	9.8	83637.0	-5558.1	1758	8.2	84418.0	-5555.2	1848	9.0	85220.8	-5508.0	1938	9.6	90149.4	-5535.7
1669	10.1	83641.2	-5506.3	1759	10.0	84420.5	-5539.1	1849	9.6	85227.7	-5505.0	1939	8.9	90149.4	-5523.4
1670	9.8	83644.7	-5546.7	1760	9.4	84422.0	-5556.1	1850	9.4	85229.7	-5531.3	1940	9.4	90151.4	-5508.8
1671	10.1	83712.2	-5547.9	1761	10.1	84425.5	-5504.0	1851	9.6	85234.8	-5543.3	1941	9.1	90157.4	-5527.4
1672	9.4	83728.7	-5512.3	1762	10.1	84429.0	-5519.0	1852	8.6	85241.3	-5502.0	1942	9.4	90157.9	-5536.1
1673	10.1	83732.0	-5538.6	1763	9.8	84429.5	-5511.4	1853	8.6	85241.3	-5503.0	1943	8.8	90159.4	-5529.6
1674	7.7	83734.2	-5503.3	1764	10.1	84430.2	-5506.7	1854	9.6	85243.8	-5522.0	1944	9.4	90206.9	-5553.5
1675	9.8	83735.2	-5517.4	1765	10.0	84431.5	-5546.8	1855	8.4	85247.3	-5528.5	1945	8.4	90209.4	-5514.3
1676	9.6	83748.7	-5544.5	1766	10.0	84433.0	-5547.8	1856	9.3	85310.8	-5539.4	1946	9.0	90221.9	-5524.7
1677	9.0	83755.7	-5515.6	1767	9.2	84435.0	-5527.4	1857	9.6	85319.5	-5545.9	1947	9.0	90222.9	-5550.5
1678	9.6	83828.2	-5509.9	1768	10.1	84446.0	-5526.1	1858	8.8	85348.3	-5548.1	1948	9.1	90231.9	-5547.8
1679	9.7	83831.7	-5507.9	1769	10.0	84450.0	-5505.0	1859	9.6	85348.3	-5547.1	1949	9.6	90241.9	-5504.1
1680	10.0	83838.7	-5552.5	1770	9.4	84451.5	-5519.0	1860	9.4	85350.3	-5545.5	1950	9.2	90242.4	-5535.8
1681	10.1	83854.7	-5542.7	1771	10.1	84509.2	-5522.7	1861	9.4	85356.3	-5545.6	1951	8.8	90244.4	-5520.5
1682	10.1	83855.2	-5510.3	1772	9.7	84515.0	-5525.8	1862	9.4	85359.3	-5532.6	1952	9.3	90244.9	-5528.7
1683	9.8	83856.2	-5540.9	1773	10.1	84518.0	-5523.2	1863	9.2	85415.8	-5554.2	1953	9.1	90249.4	-5546.5
1684	10.1	83858.0	-5542.0	1774	9.4	84522.0	-5525.3	1864	9.4	85421.3	-5525.0	1954	9.4	90257.4	-5537.1
1685	10.0	83901.7	-5533.0	1775	10.1	84522.5	-5526.3	1865	9.6	85431.3	-5547.0	1955	9.1	90257.4	-5539.7
1686	9.8	83902.7	-5546.0	1776	10.1	84528.0	-5520.4	1866	9.6	85437.3	-5513.6	1956	9.6	90257.9	-5550.5
1687	8.8	83904.2	-5516.5	1777	10.1	84528.5	-5510.7	1867	9.4	85437.8	-5513.0	1957	5.8	90259.4	-5518.0
1688	7.7	83904.2	-5519.6	1778	9.4	84528.5	-5502.7	1868	9.3	85441.3	-5521.8	1958	9.1	90259.9	-5522.1
1689	9.6	83910.7	-5542.3	1779	10.0	84531.5	-5554.6	1869	8.9	85459.3	-5510.3	1959	9.4	90300.4	-5511.9
1690	10.0	83921.2	-5528.9	1780	10.0	84536.5	-5521.6	1870	9.2	85502.8	-5502.8	1960	9.6	90302.9	-5510.5
1691	9.8	83923.2	-5515.1	1781	10.0	84536.5	-5529.1	1871	9.6	85509.3	-5541.0	1961	9.0	90306.9	-5521.9
1692	10.1	83926.7	-5556.9	1782	9.8	84539.5	-5512.4	1872	9.4	85522.8	-5545.0	1962	9.6	90311.4	-5536.0
1693	8.7	83929.2	-5554.0	1783	10.0	84547.5	-5534.9	1873	9.6	85528.1	-5501.3	1963	9.4	90311.4	-5504.1
1694	10.1	83931.2	-5556.3	1784	9.4	84554.0	-5528.7	1874	9.0	85531.8	-5524.8	1964	9.6	90327.4	-5525.9
1695	9.4	83931.7	-5511.0	1785	9.4	84555.5	-5505.2	1875	9.1	85534.3	-5539.0	1965	9.1	90332.6	-5556.0
1696	10.1	83948.7	-5537.1	1786	9.0	84603.7	-5516.5	1876	9.6	85537.3	-5534.4	1966	9.6	90338.1	-5535.1
1697	9.7	83954.2	-5523.1	1787	9.6	84605.2	-5532.2	1877	9.3	85537.3	-5521.0	1967	9.1	90339.6	-5524.8
1698	10.1	83955.7	-5532.3	1788	8.4	84609.2	-5541.6	1878	9.0	85538.3	-5508.0	1968	9.6	90340.6	-5534.7
1699	9.0	83959.7	-5554.7	1789	10.1	84609.2	-5523.6	1879	9.4	85544.8	-5506.2	1969	9.0	90343.1	-5513.7
1700	10.0	84005.2	-5519.4	1790	10.0	84609.7	-5509.9	1880	9.6	85557.5	-5504.7	1970	9.6	90346.1	-5552.0
1701	9.4	84007.2	-5512.0	1791	9.8	84609.7	-5524.5	1881	8.8	85557.8	-5552.8	1971	9.4	90402.6	-5507.1
1702	9.2	84010.2	-5533.0	1792	9.6	84612.7	-5556.5	1882	9.2	85614.3	-5502.9	1972	9.3	90408.1	-5515.5
1703	9.8	84010.7	-5559.1	1793	10.1	84624.7	-5509.3	1883	9.6	85615.8	-5513.6	1973	9.3	90424.1	-5556.1
1704	9.6	84028.0	-5557.9	1794	10.1	84631.7	-5559.9	1884	9.6	85622.3	-5549.0	1974	9.4	90433.1	-5544.4
1705	9.8	84044.4	-5515.2	1795	9.7	84638.7	-5527.1	1885	9.6	85631.3	-5509.0	1975	9.6	90438.1	-5507.9
1706	8.4	84046.9	-5519.1	1796	8.9	84645.7	-5541.9	1886	8.6	85632.8	-5513.2	1976	9.0	90443.1	-5514.8
1707	10.1	84048.4	-5547.0	1797	9.8	84649.2	-5526.7	1887	9.1	85637.3	-5510.2	1977	9.1	90450.6	-5514.9
1708	9.8	84050.4	-5513.4	1798	9.8	84700.2	-5557.0	1888	9.4	85644.3	-5532.2	1978	9.2	90510.1	-5529.4
1709	9.6	84051.4	-5544.7	1799	9.8	84707.7	-5510.8	1889	8.5	85645.8	-5505.8	1979	9.1	90512.3	-5556.6
1710	9.6	84109.4	-5558.9	1800	9.6	84711.2	-5515.7	1890	9.4	85646.1	-5501.4	1980	9.3	90515.1	-5555.2
1711	10.0	84112.4	-5510.6	1801	10.1	84719.2	-5516.8	1891	9.6	85651.3	-5531.4	1981	9.2	90535.1	-5515.3
1712	10.1	84113.4	-5557.0	1802	10.1	84720.0	-5521.4	1892	9.0	85701.3	-5555.2	1982	9.4	90541.3	-5558.1
1713	10.1	84113.4	-5505.1	1803	10.0	84728.0	-5556.9	1893	9.0	85711.8	-5552.4	1983	9.2	90550.1	-5508.0
1714	10.1	84121.4	-5504.7	1804	10.0	84746.2	-5524.4	1894	9.4	85720.8	-5553.8	1984	9.6	90601.6	-5521.1
1715	9.3	84122.9	-5538.6	1805	10.0	84749.7	-5519.4	1895	9.6	85724.3	-5553.8	1985	9.1	90603.1	-5537.0
1716	10.1	84123.4	-5551.6	1806	9.4	84752.0	-5539.7	1896	9.0	85729.3	-5515.8	1986	9.6	90610.1	-5525.6
1717	9.6	84139.4	-5546.3	1807	9.4	84755.2	-5500.8	1897	9.0	85729.8	-5552.6	1987	9.1	90612.6	-5510.9
1718	10.0	84139.6	-5557.5	1808	9.6	84800.7	-5518.2	1898	8.4	85732.8	-5559.2	1988	9.2	90621.1	-5559.5
1719	9.6	84140.4	-5558.2	1809	9.6	84800.7	-5514.0	1899	9.2	85741.8	-5516.2	1989	9.6	90621.6	-5556.3
1720	10.0	84142.4	-5527.0	1810	9.3	84808.2	-5549.0	1900	8.4	85759.3	-5509.4	1990	9.3	90629.1	-5547.9
1721	9.6	84150.4	-5530.8	1811	9.6	84810.3	-5518.7	1901	9.4	85809.3	-5558.8	1991	9.6	90633.1	-5549.3
1722	9.6	84202.4	-5517.3	1812	10.0	84810.7	-5520.7	1902	9.4	85812.8	-5526.4	1992	9.6	90640.1	-5502.1
1723	10.1	84204.4	-5548.3	1813	9.0	84810.7	-5525.9	1903	9.0	85817.8	-5558.1	1993	9.4	90646.1	-5507.9
1724	10.0	84210.9	-5546.3	1814	9.6	84818.7	-5527.5	1904	9.6	85823.3	-5516.9	1994	9.3	90648.1	-5547.4
1725	9.3	84222.4	-5515.2	1815	7.3	84821.7	-5520.3	1905	9.4	85828.8	-5552.1	1995	9.2	90653.1	-5552.7
1726	9.1	84223.9	-5516.6	1816	10.0	84835.7	-5538.2	1906	9.6	85828.8	-5558.4	1996	9.6	90700.6	-5531.1
1727	7.5	84224.9	-5524.1	1817	9.0	84836.5	-5541.3	1907	9.0	85831.8	-5535.8	1997	9.1	90704.9	-5559.0
1728	10.0	84225.4	-5514.8	1818	9.6	84847.8	-5530.1	1908	9.6	85841.3	-5500.2	1998	9.2	90707.6	-5549.4
1729	9.4	84226.9	-5516.9	1819	8.6	84857.8	-5533.3	1909	9.6	85843.8	-5559.6	1999	9.4	90711.1	-5508.1
1730	8.4	84236.9	-5539.3	1820	7.2	84859.8	-5546.2	1910	8.9	85909.3	-5554.5	2000	9.3	90713.1	-5556.2
1731	9.8	84238.9	-5547.8	1821	9.6	84902.3	-5533.9	1911	8.5	85913.8	-5507.0	2001	9.4	90719.1	-5523.1
1732	9.8	84239.9	-5516.6	1822	8.6	84902.3	-5532.9	1912	9.3	85918.3	-5524.1	2002	9.6	90719.3	-5559.4
1733	10.0	84241.4	-5500.7	1823	9.6	84904.1	-5501.5	1913	8.4	85924.3	-5540.8	2003	9.1	90725.1	-5548.8
1734	10.1	84244.9	-5524.6	1824	9.6	84905.8	-5546.1	1914	9.6	85931.3	-5525.0	2004	9.4	90734.1	-5539.9
1735	9.8	84249.4	-5536.8	1825	9.6	84918.8	-5506.4	1915	9.6	85959.3	-5509.1	2005	9.2	90748.6	-5529.1
1736	9.7	84300.4	-5526.2	1826	9.6	84919.3	-5544.9	1916	9.7	90001.3	-5551.8	2006	9.6	90802.1	-5526.7
1737	9.6	84305.4	-5502.7	1827	8.6	84923.8	-5531.1	1917	9.4	90010.3	-5505.4	2007	8.6	90808.1	-5506.2
1738	10.0	84309.4	-5522.5	1828	9.4	84929.3	-5546.9	1918	9.2	90018.3	-5519.5	2008	9.6	90821.1	-5505.1
1739	9.8	84310.4	-5516.9	1829	9.4	84929.3	-5538.3	1919	8.7	90029.8	-5550.4	2009	9.2	90821.6	-5538.7
1740	10.0	84311.4	-5554.4	1830	8.6	84948.3	-5555.9	1920	9.4	90038.3	-5525.8	2010	9.3	90837.6	-5551.1
1741	10.1	84321.9	-5508.5	1831	9.6	84950.8	-5519.7	1921	9.4	90040.3	-5539.6	2011	9.3	90838.6	-5524.5
1742	10.1	84322.4	-5544.7	1832	9.4	84954.8	-5504.5	1922	9.6	90059.4	-5550.3	2012	9.6	90847.6	-5513.7
1743	9.7	84326.6	-5531.8	1833	9.4	85019.8	-5514.9	1923	9.0	90059.7	-5501.4	2013	9.6	90900.1	-5529.5
1744	9.8	84327.5	-5525.6	1834	9.4	85037.3	-5524.7	1924	7.1	90101.4	-5550.7	2014	9.6	90903.6	-5543.3
1745	9.8	84328.5	-5537.6	1835	9.2	85041.8	-5548.8	1925	9.0	90104.9	-5532.1	2015	8.6	90911.1	-5517.4
1746	10.1	84329.5	-5511.1	1836	9.4	85043.8	-5517.8	1926	9.3	90106.9	-5550.1	2016	9.6	90911.6	-5518.3
1747	9.2	84330.0	-5520.8	1837	9.4	85043.8	-5504.0	1927	9.4	90110.4	-5523.7	2017	9.4	90914.6	-5522.4
1748	9.6	84330.0	-5516.6	1838	9.4	85046.3	-5545.8	1928	9.1	90111.9	-5507.9	2018	9.4	90919.6	-5508.5

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2019	9.4	90924.6	-5553.3	2109	9.1	91745.0	-5543.0	2199	10.2	92424.0	-5540.9
2020	9.6	90931.6	-5517.1	2110	9.3	91748.0	-5511.0	2200	10.4	92428.7	-5558.5
2021	9.4	90932.1	-5544.7	2111	9.6	91749.0	-5534.8	2201	10.4	92429.5	-5545.7
2022	9.4	90935.8	-5500.2	2112	9.6	91749.0	-5535.4	2202	10.2	92429.8	-5502.2
2023	9.4	90937.6	-5529.9	2113	9.4	91752.0	-5522.4	2203	10.0	92438.0	-5525.9
2024	9.0	90942.1	-5517.8	2114	9.4	91755.5	-5511.9	2204	10.4	92440.0	-5522.0
2025	8.9	90944.1	-5520.2	2115	9.4	91801.5	-5510.7	2205	10.0	92448.5	-5515.3
2026	9.2	90956.1	-5503.7	2116	9.3	91811.0	-5525.5	2206	9.8	92448.5	-5528.0
2027	9.3	91007.7	-5551.6	2117	9.6	91816.0	-5533.9	2207	10.2	92449.0	-5514.7
2028	7.9	91009.1	-5501.4	2118	8.2	91829.0	-5525.6	2208	10.0	92453.0	-5517.5
2029	8.6	91009.2	-5553.7	2119	9.3	91829.5	-5526.1	2209	9.8	92500.5	-5549.0
2030	9.2	91015.2	-5553.2	2120	9.4	91834.0	-5515.6	2210	10.2	92501.5	-5527.8
2031	9.0	91015.2	-5520.2	2121	9.4	91834.0	-5534.6	2211	10.0	92502.0	-5506.0
2032	9.0	91018.2	-5504.4	2122	9.1	91836.0	-5523.6	2212	10.4	92506.5	-5520.5
2033	8.2	91019.2	-5509.7	2123	8.6	91842.0	-5541.8	2213	9.4	92516.5	-5542.4
2034	9.0	91028.2	-5534.4	2124	9.6	91850.0	-5511.5	2214	9.4	92517.5	-5543.1
2035	7.1	91036.2	-5503.2	2125	8.8	91859.0	-5507.0	2215	10.2	92523.0	-5510.4
2036	9.4	91041.2	-5537.2	2126	8.8	91907.0	-5512.1	2216	10.4	92532.0	-5515.5
2037	7.3	91104.7	-5507.3	2127	9.0	91907.0	-5555.8	2217	10.4	92539.5	-5538.6
2038	9.6	91105.7	-5555.2	2128	9.4	91915.0	-5507.3	2218	7.8	92540.0	-5559.5
2039	8.9	91118.2	-5532.8	2129	8.8	91923.0	-5527.5	2219	10.4	92546.0	-5504.6
2040	9.0	91121.2	-5531.9	2130	8.9	91924.5	-5535.8	2220	10.2	92552.0	-5551.2
2041	9.3	91129.7	-5521.0	2131	9.6	91926.5	-5531.9	2221	10.4	92600.9	-5501.3
2042	9.4	91132.1	-5502.1	2132	9.2	91927.5	-5503.5	2222	8.9	92601.0	-5528.8
2043	9.4	91142.7	-5548.4	2133	9.0	91930.0	-5532.0	2223	10.4	92603.5	-5551.2
2044	8.5	91151.2	-5544.4	2134	9.6	91930.2	-5559.9	2224	9.4	92609.5	-5535.5
2045	9.3	91154.2	-5532.8	2135	9.1	91930.5	-5504.6	2225	10.4	92609.5	-5533.3
2046	9.2	91200.7	-5530.0	2136	9.2	91930.5	-5520.0	2226	9.2	92610.0	-5501.7
2047	9.6	91214.2	-5528.9	2137	9.4	91931.0	-5553.4	2227	10.2	92613.2	-5559.0
2048	9.4	91215.7	-5503.4	2138	8.7	91938.5	-5518.9	2228	10.4	92617.0	-5531.5
2049	8.2	91218.1	-5502.2	2139	10.4	91951.5	-5531.0	2229	10.2	92619.5	-5505.0
2050	9.6	91231.2	-5502.7	2140	10.4	91954.2	-5558.5	2230	10.4	92620.0	-5542.7
2051	8.8	91241.2	-5507.4	2141	10.4	92001.0	-5544.9	2231	9.2	92620.0	-5545.1
2052	9.0	91241.7	-5529.6	2142	10.2	92010.0	-5517.1	2232	10.0	92623.5	-5513.8
2053	9.3	91249.7	-5514.1	2143	10.4	92010.0	-5541.6	2233	10.4	92626.5	-5526.3
2054	9.6	91259.2	-5513.4	2144	8.2	92012.0	-5513.9	2234	10.4	92628.5	-5545.5
2055	9.0	91308.2	-5558.8	2145	9.2	92012.0	-5556.9	2235	10.0	92631.5	-5554.2
2056	9.6	91319.7	-5545.4	2146	9.6	92028.5	-5532.1	2236	10.0	92637.0	-5527.9
2057	9.3	91326.2	-5541.1	2147	10.2	92030.0	-5523.9	2237	10.0	92639.0	-5511.4
2058	9.4	91329.7	-5532.1	2148	8.6	92042.5	-5516.3	2238	9.6	92644.0	-5516.7
2059	8.1	91349.2	-5524.7	2149	10.2	92047.5	-5516.5	2239	10.2	92648.0	-5511.5
2060	9.6	91349.2	-5537.9	2150	10.4	92047.5	-5545.2	2240	10.2	92650.0	-5514.1
2061	9.2	91349.7	-5506.7	2151	10.2	92051.0	-5544.7	2241	10.4	92651.0	-5500.4
2062	9.6	91404.2	-5501.2	2152	10.4	92102.5	-5549.9	2242	10.4	92652.5	-5558.2
2063	9.4	91409.7	-5545.3	2153	10.4	92128.5	-5504.4	2243	10.4	92658.0	-5510.4
2064	9.6	91410.7	-5520.1	2154	10.0	92129.5	-5532.4	2244	8.6	92702.0	-5505.3
2065	9.4	91411.2	-5513.1	2155	10.4	92130.9	-5500.8	2245	10.2	92703.0	-5539.0
2066	9.4	91419.2	-5547.9	2156	10.4	92138.5	-5525.7	2246	10.4	92706.5	-5531.1
2067	9.6	91420.5	-5501.7	2157	9.8	92139.0	-5509.9	2247	9.8	92712.0	-5503.2
2068	9.1	91422.7	-5545.4	2158	10.4	92154.0	-5545.0	2248	10.4	92713.5	-5532.0
2069	9.6	91423.7	-5529.5	2159	9.0	92158.2	-5559.9	2249	8.7	92716.5	-5501.1
2070	9.6	91427.9	-5501.0	2160	9.8	92200.5	-5542.1	2250	10.4	92717.5	-5519.8
2071	9.4	91428.7	-5530.0	2161	9.0	92201.0	-5517.7	2251	9.5	92718.0	-5526.0
2072	9.0	91429.7	-5520.0	2162	10.0	92209.5	-5516.1	2252	10.4	92719.0	-5556.8
2073	9.4	91437.2	-5542.0	2163	7.7	92210.0	-5532.9	2253	10.4	92724.5	-5553.0
2074	9.4	91441.2	-5527.7	2164	10.4	92216.0	-5524.3	2254	10.4	92726.5	-5554.9
2075	9.3	91450.2	-5525.3	2165	10.2	92218.0	-5548.2	2255	10.4	92728.0	-5519.5
2076	8.6	91511.7	-5531.9	2166	10.2	92229.0	-5516.6	2256	8.6	92729.0	-5552.7
2077	9.4	91515.8	-5502.1	2167	8.6	92238.0	-5556.1	2257	10.4	92731.5	-5554.4
2078	9.6	91516.2	-5515.4	2168	10.4	92240.0	-5506.3	2258	9.5	92731.5	-5550.5
2079	9.3	91525.7	-5545.1	2169	10.4	92241.5	-5512.9	2259	10.4	92733.0	-5522.0
2080	7.4	91528.0	-5550.3	2170	10.4	92242.5	-5507.0	2260	10.4	92733.0	-5533.9
2081	9.6	91543.5	-5503.7	2171	8.8	92247.0	-5530.7	2261	10.2	92733.5	-5538.3
2082	9.3	91551.0	-5539.6	2172	9.6	92248.0	-5535.3	2262	10.0	92738.4	-5500.7
2083	9.3	91558.0	-5526.8	2173	9.8	92248.5	-5520.7	2263	10.2	92744.5	-5554.3
2084	9.6	91558.0	-5548.0	2174	10.4	92249.0	-5505.3	2264	10.0	92745.5	-5528.7
2085	9.0	91600.5	-5525.7	2175	8.8	92251.5	-5525.0	2265	9.8	92747.5	-5512.2
2086	9.3	91607.0	-5548.0	2176	8.9	92252.0	-5523.6	2266	9.8	92748.5	-5508.4
2087	9.0	91607.0	-5550.6	2177	10.2	92300.0	-5545.9	2267	10.4	92751.5	-5523.7
2088	9.6	91620.0	-5514.0	2178	10.2	92310.0	-5511.9	2268	9.5	92751.5	-5522.7
2089	8.8	91620.0	-5530.5	2179	9.8	92312.0	-5526.6	2269	8.9	92800.0	-5528.3
2090	9.2	91622.5	-5535.3	2180	10.0	92312.5	-5523.2	2270	9.8	92802.0	-5522.8
2091	9.6	91625.5	-5517.7	2181	9.8	92328.5	-5521.0	2271	10.0	92807.0	-5557.1
2092	9.4	91630.0	-5548.6	2182	10.4	92330.0	-5545.0	2272	10.4	92809.5	-5522.5
2093	9.1	91630.0	-5543.8	2183	10.0	92335.0	-5515.9	2273	10.0	92810.0	-5524.2
2094	9.3	91630.5	-5543.3	2184	10.4	92336.0	-5532.3	2274	9.8	92812.0	-5531.6
2095	9.3	91636.5	-5535.6	2185	10.4	92336.5	-5515.1	2275	10.2	92812.5	-5514.9
2096	9.4	91639.0	-5526.0	2186	10.0	92340.0	-5519.2	2276	10.4	92816.5	-5518.3
2097	9.6	91641.5	-5515.9	2187	10.4	92340.0	-5552.5	2277	8.2	92818.0	-5527.1
2098	9.6	91643.5	-5515.2	2188	10.0	92343.0	-5524.9	2278	10.4	92822.5	-5545.1
2099	8.6	91652.5	-5557.2	2189	10.4	92349.5	-5556.2	2279	10.0	92831.0	-5557.1
2100	9.4	91658.0	-5545.0	2190	10.2	92359.5	-5539.2	2280	10.2	92831.5	-5537.6
2101	9.4	91659.5	-5536.8	2191	9.4	92400.0	-5518.7	2281	9.8	92832.0	-5548.1
2102	8.0	91708.0	-5516.8	2192	9.8	92400.6	-5502.0	2282	9.6	92848.5	-5505.0
2103	9.6	91709.0	-5547.5	2193	10.4	92407.5	-5515.2	2283	9.6	92857.0	-5523.0
2104	9.6	91721.0	-5528.0	2194	10.0	92408.5	-5537.9	2284	9.4	92859.0	-5516.3
2105	9.4	91722.0	-5547.6	2195	10.4	92417.5	-5537.0	2285	10.4	92901.5	-5552.3
2106	9.0	91722.5	-5552.1	2196	9.5	92418.0	-5522.8	2286	10.4	92902.0	-5543.1
2107	9.2	91725.5	-5532.0	2197	10.0	92419.2	-5557.6	2287	10.4	92906.5	-5510.1
2108	9.6	91730.5	-5502.6	2198	10.0	92421.7	-5558.1	2288	10.2	92909.0	-5516.1

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2289	9.6	92910.5	-5503.5	2299	9.4	92953.0	-5521.7	2309	9.5	93020.5	-5539.1
2290	10.2	92913.0	-5516.2	2300	10.0	92954.5	-5505.7	2310	10.4	93022.0	-5512.1
2291	10.0	92916.5	-5500.0	2301	10.0	92957.5	-5538.9	2311	9.5	93026.5	-5533.0
2292	10.2	92916.5	-5536.3	2302	10.4	93000.0	-5552.3	2312	10.2	93030.0	-5534.0
2293	10.4	92918.0	-5539.9	2303	10.4	93002.0	-5536.9	2313	10.4	93037.0	-5542.7
2294	10.0	92918.5	-5503.8	2304	10.4	93009.5	-5540.7	2314	9.0	93042.5	-5551.1
2295	10.2	92934.0	-5551.1	2305	9.8	93010.5	-5532.6	2315	9.8	93042.5	-5511.4
2296	9.2	92936.5	-5520.2	2306	10.4	93011.5	-5504.6	2316	10.4	93044.0	-5538.3
2297	9.2	92940.5	-5533.2	2307	10.4	93012.0	-5520.0	2317	8.7	93046.0	-5556.0
2298	10.0	92941.0	-5542.6	2308	10.2	93020.0	-5500.0	2318	10.0	93050.0	-5517.4
2299	9.4	92953.0	-5521.7								
2300	10.0	92954.5	-5505.7								
2301	10.0	92957.5	-5538.9								
2302	10.4	93000.0	-5552.3								
2303	10.4	93002.0	-5536.9								
2304	10.4	93009.5	-5540.7								
2305	9.8	93010.5	-5532.6								
2306	10.4	93011.5	-5504.6								
2307	10.4	93012.0	-5520.0								
2308	10.2	93020.0	-5500.0								
2309	9.5	93020.5	-5539.1								
2310	10.4	93022.0	-5512.1								
2311	9.5	93026.5	-5533.0								
2312	10.2	93030.0	-5534.0								
2313	10.4	93037.0	-5542.7								
2314	9.0	93042.5	-5551.1								
2315	9.8	93042.5	-5511.4								
2316	10.4	93044.0	-5538.3								
2317	8.7	93046.0	-5556.0								
2318	10.0	93050.0	-5517.4								
2319	10.4	93101.0	-5516.9								
2320	10.2	93102.0	-5525.4								
2321	10.0	93110.0	-5504.1								
2322	9.6	93116.0	-5539.6								
2323	10.4	93122.5	-5514.7								
2324	10.4	93124.0	-5506.1								
2325	10.4	93128.5	-5506.9								
2326	10.4	93129.0	-5525.4								
2327	10.4	93131.5	-5517.9								
2328	10.0	93141.5	-5541.1								
2329	10.4	93141.5	-5504.0								
2330	10.2	93146.5	-5533.9								
2331	10.0	93149.0	-5511.0								
2332	10.0	93159.0	-5516.7								
2333	10.2	93159.5	-5513.3								
2334	10.4	93200.0	-5515.9								
2335	9.6	93200.0	-5502.1								
2336	10.4	93200.1	-5558.5								
2337	10.4	93202.0	-5527.1								
2338	10.4	93205.2	-5559.0								
2339	10.4	93212.0	-5550.3								
2340	10.4	93212.5	-5528.2								
2341	10.4	93219.0	-5555.5								
2342	9.6	93220.5	-5520.0								
2343	10.4	93235.5	-5537.1								
2344	9.4	93240.0	-5535.3								
2345	10.4	93242.5	-5516.1								
2346	10.4	93245.0	-5504.7								
2347	10.2	93251.5	-5529.0								
2348	10.2	93251.5	-5529.2								
2349	9.6	93301.5	-5525.0								
2350	9.5	93302.0	-5526.9								
2351	9.8	93304.5	-5538.9								
2352	10.0	93307.5	-5531.3								
2353	9.8	93308.0	-5517.1								
2354	9.5	93309.0	-5540.1								
2355	10.2	93320.5	-5542.4								
2356	10.4	93320.7	-5544.2								
2357	10.4	93323.5	-5513.8								
2358	10.4	93338.5	-5512.8								
2359	10.2	93341.0	-5538.4								
2360	10.4	93343.5	-5502.4								
2361	9.5	93345.3	-5502.6								
2362	10.0	93348.5	-5521.0								
2363	10.4	93352.0	-5551.8								
2364	9.6	93352.0	-5512.0								
2365	9.6	93355.5	-5516.8								
2366	10.2	93355.5	-5533.4								
2367	9.0	93401.5	-5523.0								
2368	9.8	93403.0	-5515.6								
2369	10.2	93403.0	-5534.2								
2370	8.4	93408.1	-5545.4								
2371	10.4	93408.5	-5547.6								
2372	9.8	93410.0	-5514.6								
2373	9.0	93413.5	-5548.2								
2374	10.4	93422.5	-5537.6								
2375	10.4	93424.0	-5548.9								
2376	9.0	93427.0	-5538.6								
2377	9.6	93430.0	-5525.5								
2378	9.6	93440.6	-5500.2								

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2379	10.4	93450.0	-5534.2	2469	9.8	93943.0	-5546.0	2559	9.8	94505.8	-5559.2
2380	10.4	93453.5	-5531.7	2470	10.4	93950.0	-5512.6	2560	10.4	94508.5	-5527.5
2381	10.4	93453.5	-5521.6	2471	10.0	93951.5	-5537.9	2561	10.4	94512.0	-5525.4
2382	10.0	93456.0	-5508.6	2472	9.8	93953.5	-5527.2	2562	9.8	94518.0	-5546.0
2383	10.4	93459.0	-5518.6	2473	10.2	93956.0	-5528.5	2563	9.6	94522.5	-5507.0
2384	10.4	93459.5	-5519.0	2474	10.4	94001.5	-5554.7	2564	9.0	94539.0	-5506.5
2385	10.2	93500.0	-5505.0	2475	8.7	94015.5	-5503.4	2565	10.0	94540.2	-5535.6
2386	10.2	93504.5	-5552.1	2476	10.4	94016.0	-5553.9	2566	10.4	94548.5	-5511.9
2387	10.2	93504.5	-5506.0	2477	10.4	94023.5	-5553.0	2567	10.2	94552.0	-5511.1
2388	9.8	93508.0	-5532.5	2478	10.2	94023.5	-5539.6	2568	10.4	94553.5	-5552.8
2389	10.2	93512.0	-5509.9	2479	9.4	94024.5	-5526.5	2569	10.2	94555.0	-5525.4
2390	10.2	93521.0	-5535.1	2480	10.4	94030.5	-5528.1	2570	10.4	94559.5	-5528.3
2391	10.4	93526.0	-5531.0	2481	10.4	94032.0	-5503.9	2571	10.2	94602.0	-5530.6
2392	10.0	93526.5	-5545.7	2482	9.4	94038.7	-5502.6	2572	10.0	94614.5	-5525.9
2393	8.1	93530.0	-5557.3	2483	9.0	94039.0	-5505.6	2573	10.4	94616.0	-5503.5
2394	10.4	93532.0	-5552.9	2484	9.0	94047.0	-5514.8	2574	10.4	94618.5	-5550.7
2395	10.4	93543.5	-5509.1	2485	7.9	94051.0	-5526.5	2575	9.6	94621.0	-5547.8
2396	10.4	93546.0	-5517.9	2486	10.4	94051.2	-5527.4	2576	9.6	94621.5	-5549.0
2397	10.4	93550.5	-5521.9	2487	9.2	94053.0	-5552.8	2577	10.0	94622.0	-5546.2
2398	8.9	93553.0	-5557.1	2488	10.4	94053.5	-5523.9	2578	9.8	94623.5	-5516.4
2399	10.4	93559.0	-5539.3	2489	10.4	94103.0	-5531.0	2579	9.0	94625.0	-5519.4
2400	10.4	93603.0	-5514.3	2490	10.4	94103.0	-5500.0	2580	9.5	94627.5	-5522.0
2401	8.0	93603.5	-5508.7	2491	10.2	94103.0	-5510.0	2581	10.0	94633.5	-5550.5
2402	9.4	93606.0	-5522.6	2492	10.2	94106.5	-5506.0	2582	10.4	94636.5	-5537.8
2403	10.2	93606.5	-5532.3	2493	10.4	94109.0	-5522.0	2583	10.0	94636.5	-5527.5
2404	10.4	93607.0	-5536.6	2494	10.0	94110.0	-5528.8	2584	9.8	94639.5	-5506.4
2405	10.4	93608.0	-5509.5	2495	10.4	94114.5	-5531.9	2585	9.6	94640.5	-5544.7
2406	9.4	93608.5	-5543.6	2496	10.4	94116.0	-5518.1	2586	9.8	94641.0	-5553.1
2407	10.2	93610.0	-5519.2	2497	9.8	94119.7	-5515.0	2587	9.6	94645.5	-5507.0
2408	10.0	93613.5	-5516.0	2498	10.2	94121.0	-5558.5	2588	9.2	94649.5	-5534.8
2409	10.4	93618.0	-5508.1	2499	9.8	94122.0	-5540.0	2589	10.2	94651.0	-5551.3
2410	10.2	93622.0	-5507.2	2500	8.7	94128.0	-5510.0	2590	10.4	94652.0	-5549.0
2411	10.2	93622.0	-5542.3	2501	10.2	94135.0	-5528.4	2591	9.8	94657.5	-5515.4
2412	10.4	93625.0	-5519.3	2502	10.4	94140.0	-5558.6	2592	9.2	94701.0	-5506.3
2413	10.4	93627.9	-5551.8	2503	10.4	94148.5	-5506.8	2593	9.0	94708.0	-5540.9
2414	9.8	93629.5	-5559.0	2504	10.4	94149.5	-5532.3	2594	10.4	94718.0	-5515.6
2415	10.0	93630.0	-5526.0	2505	10.4	94149.5	-5549.1	2595	9.5	94719.0	-5516.0
2416	9.8	93630.0	-5522.8	2506	10.4	94152.0	-5536.3	2596	10.0	94728.0	-5545.6
2417	9.6	93630.0	-5554.2	2507	9.0	94159.0	-5513.0	2597	10.4	94732.0	-5534.3
2418	10.2	93635.5	-5541.7	2508	10.4	94202.0	-5549.3	2598	10.0	94736.0	-5537.8
2419	10.4	93636.5	-5516.3	2509	10.4	94209.5	-5557.4	2599	10.0	94736.5	-5515.7
2420	10.4	93639.0	-5515.2	2510	10.0	94210.0	-5552.7	2600	8.7	94738.0	-5554.8
2421	8.9	93640.0	-5501.7	2511	9.4	94228.0	-5509.5	2601	10.2	94739.5	-5534.9
2422	10.2	93641.0	-5539.9	2512	10.4	94228.5	-5551.1	2602	9.8	94740.5	-5515.3
2423	10.2	93647.0	-5559.9	2513	10.4	94230.0	-5556.8	2603	10.2	94750.0	-5532.2
2424	10.4	93650.5	-5518.9	2514	10.4	94231.5	-5548.4	2604	10.4	94751.5	-5556.9
2425	10.4	93654.5	-5541.2	2515	10.4	94234.5	-5525.8	2605	9.8	94756.5	-5554.5
2426	10.4	93656.0	-5511.0	2516	10.2	94235.0	-5506.6	2606	10.4	94757.0	-5508.9
2427	10.2	93700.0	-5554.0	2517	10.0	94237.0	-5506.8	2607	10.4	94800.0	-5523.8
2428	9.4	93716.0	-5530.1	2518	10.2	94246.5	-5517.1	2608	10.4	94801.5	-5525.0
2429	10.4	93717.0	-5505.9	2519	10.2	94250.5	-5516.9	2609	9.8	94801.5	-5513.9
2430	10.4	93720.0	-5526.8	2520	9.8	94254.0	-5519.4	2610	10.4	94802.5	-5521.5
2431	9.0	93721.0	-5508.3	2521	10.2	94257.3	-5558.5	2611	10.4	94806.0	-5519.9
2432	10.4	93723.0	-5500.4	2522	10.4	94259.0	-5514.8	2612	10.0	94810.5	-5525.2
2433	10.4	93728.5	-5539.2	2523	10.4	94301.9	-5517.0	2613	9.2	94812.0	-5509.4
2434	9.6	93732.0	-5550.5	2524	10.4	94302.0	-5518.9	2614	9.5	94818.0	-5507.2
2435	9.8	93732.0	-5520.9	2525	10.0	94303.5	-5515.8	2615	10.4	94818.5	-5538.7
2436	10.2	93742.0	-5512.5	2526	10.4	94305.0	-5559.4	2616	10.2	94819.5	-5553.9
2437	9.6	93744.5	-5552.0	2527	10.4	94306.5	-5532.4	2617	10.4	94821.0	-5505.2
2438	9.8	93746.5	-5514.4	2528	9.8	94317.5	-5525.6	2618	9.2	94822.5	-5537.8
2439	10.4	93750.0	-5500.9	2529	10.2	94320.5	-5554.1	2619	9.0	94825.0	-5527.8
2440	9.0	93752.5	-5522.3	2530	9.8	94326.5	-5538.9	2620	9.5	94834.5	-5555.5
2441	10.4	93754.0	-5540.4	2531	10.0	94328.0	-5535.0	2621	10.0	94847.0	-5507.2
2442	9.8	93755.5	-5505.6	2532	10.0	94329.0	-5530.4	2622	10.2	94848.0	-5514.8
2443	10.0	93756.2	-5531.7	2533	10.0	94330.5	-5546.0	2623	10.4	94848.0	-5547.0
2444	9.6	93800.0	-5537.4	2534	10.0	94331.0	-5522.7	2624	10.4	94854.0	-5557.8
2445	10.0	93802.0	-5529.6	2535	9.8	94331.7	-5500.7	2625	10.4	94857.0	-5501.1
2446	10.0	93809.0	-5505.1	2536	8.3	94337.0	-5551.8	2626	9.4	94902.5	-5548.6
2447	10.0	93816.5	-5552.2	2537	9.5	94339.0	-5537.1	2627	10.4	94902.5	-5512.1
2448	10.2	93821.5	-5549.6	2538	10.4	94340.0	-5543.3	2628	10.0	94907.5	-5543.9
2449	10.4	93822.5	-5549.2	2539	9.0	94340.0	-5512.2	2629	9.6	94912.0	-5537.5
2450	9.8	93827.5	-5521.0	2540	8.8	94344.5	-5522.5	2630	9.6	94915.0	-5527.4
2451	10.2	93837.0	-5557.9	2541	10.4	94348.5	-5545.3	2631	10.2	94923.0	-5506.3
2452	7.9	93838.0	-5515.7	2542	9.0	94352.0	-5523.0	2632	10.2	94928.0	-5554.3
2453	10.2	93843.0	-5556.0	2543	10.2	94358.0	-5548.4	2633	10.4	94929.5	-5547.8
2454	10.4	93846.5	-5559.7	2544	8.6	94401.5	-5537.1	2634	9.0	94930.0	-5524.4
2455	9.4	93849.0	-5549.1	2545	10.0	94410.5	-5552.4	2635	10.0	94930.5	-5537.5
2456	9.6	93854.0	-5501.3	2546	10.4	94423.5	-5550.6	2636	10.4	94932.5	-5537.9
2457	9.0	93900.5	-5544.7	2547	10.4	94430.5	-5530.9	2637	10.4	94936.0	-5523.5
2458	10.0	93903.5	-5506.5	2548	7.6	94433.0	-5549.8	2638	10.0	94936.5	-5509.7
2459	10.2	93904.5	-5528.0	2549	10.4	94433.0	-5551.4	2639	9.2	94937.0	-5517.9
2460	10.0	93910.0	-5500.1	2550	10.2	94434.5	-5552.8	2640	10.0	94938.0	-5507.8
2461	10.0	93910.0	-5536.4	2551	10.0	94439.0	-5552.2	2641	9.8	94939.0	-5515.2
2462	10.4	93910.5	-5509.6	2552	9.8	94441.5	-5519.5	2642	10.2	94944.0	-5544.5
2463	10.2	93912.0	-5530.5	2553	10.4	94447.0	-5554.9	2643	10.0	94951.5	-5517.0
2464	10.4	93930.5	-5548.2	2554	9.2	94447.0	-5537.4	2644	10.4	94954.5	-5529.4
2465	10.4	93931.0	-5500.3	2555	9.6	94451.5	-5533.0	2645	10.2	94955.5	-5537.1
2466	10.0	93936.0	-5524.0	2556	9.6	94456.5	-5513.9	2646	10.0	94956.5	-5553.7
2467	10.4	93936.5	-5506.5	2557	10.4	94501.5	-5546.7	2647	9.0	95004.5	-5546.7
2468	9.8	93941.5	-5535.1	2558	9.0	94505.5	-5551.8	2648	8.9	95005.5	-5502.1
2649	10.4	95005.5	-5533.0								
2650	10.4	95011.5	-5543.4								
2651	10.4	95016.0	-5520.8								
2652	10.4	95016.5	-5559.0								
2653	10.4	95016.8	-5559.9								
2654	9.8	95018.5	-5541.9								
2655	10.0	95026.5	-5545.2								
2656	10.0	95030.0	-5538.3								
2657	10.4	95032.0	-5520.3								
2658	10.0	95039.5	-5514.2								
2659	10.0	95039.6	-5559.5								
2660	9.2	95039.7	-5501.7								
2661	10.0	95047.5	-5552.3								
2662	9.8	95048.0	-5555.1								
2663	10.4	95100.0	-5519.0								
2664	10.2	95101.5	-5511.8								
2665	10.4	95108.5	-5547.9								
2666	8.0	95110.0	-5542.3								
2667	10.4	95113.4	-5518.0								
2668	9.8	95115.5	-5505.8								
2669	9.8	95116.0	-5512.4								
2670	10.4	95124.4	-5548.7								
2671	9.8	95128.5	-5539.7								
2672	9.5	95130.0	-5528.9								
2673	9.8	95133.5	-5551.3								
2674	10.0	95136.0	-5546.8								
2675	10.4	95136.3	-5531.8								
2676	10.4	95136.3	-5544.6								
2677	9.2	95137.4	-5517.9								
2678	10.0	95142.5	-5553.3								
2679	9.5	95150.4	-5506.5								
2680	9.8	95154.0	-5556.3								
2681	8.4	95156.9	-5518.8								
2682	9.4	95159.0	-5548.6								
2683	10.4	95200.0	-5505.9								
2684	10.0	95200.0	-5525.2								
2685	9.4	95203.1	-5525.6								
2686	9.8	95204.0	-5541.6								
2687	9.4	95211.1	-5521.0								
2688	10.2	95214.0	-5521.6								
2689	10.4	95215.5	-5553.9								
2690	10.4	95218.5	-5519.5								
2691	10.4	95220.6	-5545.1								
2692	10.2	95222.1	-5544.2								
2693	10.2	95223.7	-5519.5								
2694	10.5	95230.2	-5552.9								
2695	10.5	95232.5	-5559.7								
2696	10.5	95234.4	-5524.9								
2697	10.5	95237.7	-5527.9								
2698	10.5	95238.7	-5542.8								
2699	9.9	95238.8	-5548.5								
2700	10.5	95240.7	-5541.5								
2701	9.8	95241.2	-5544.1								
2702	10.0	95242.7	-5520.9								
2703	10.5	95245.7	-5558.7								
2704	8.3	95246.7	-5527.1								
2705	9.4	95249.2	-5528.5								
2706	9.0	95250.2	-5544.5								
2707	10.5	95254.2	-5513.6								
2708	10.2	95259.7	-5549.5								
2709	10.0	95301.2	-5507.9								
2710	9.4	95303.2	-5527.6								
2711	10.0	95310.2	-5527.9								
2712	9.2	95311.2	-5508.1								
2713	10.5	95311.2	-5544.3								
2714	9.6	95314.7	-5528.0								
2715	10.5	95317.7	-5537.8								
2716	10.5	95319.2	-5541.7								
2717	10.4	95322.7	-5536.9								
2718	10.2	95324.2	-5501.3								
2719	10.4	95325.2	-5532.2								
2720	9.2	95333.7	-5512.0								
2721	10.0	95332.7	-5519.2								
2722	10.5	95332.2	-5528.1								
2723	8.0	95336.2	-5556.4								
2724	10.4	95336.7	-5535.8								
2725	8.3	95343.2	-5534.5								
2726	10.0	95345.2	-5535.5								
2727	8.3	95345.7	-5528.3								
2728	10.4	95350.7	-5542.9								
2729	9.0	95350.7	-5544.1								
2730	10.4	95352.0	-5557.0								
2731	9.2	95353.2	-5533.2								
2732	9.2	95357.7	-5526.9								
2733	10.4	95403.2	-5550.5								
2734	10.5	95411.2	-5512.8								
2735	10.4	95411.2	-5547.9								
2736	10.5	95414.7	-5532.0								
2737	9.6	95416.2	-5517.7								
2738	10.2	95418.7	-5511.4								

-55 2739 9h54m

-55 3098 10h10m

2739	9.6	95422.7	-5531.7	2829	10.2	95825.7	-5511.8	2919	10.5	100315.4	-5547.9
2740	10.2	95424.2	-5537.1	2830	10.5	95834.7	-5547.8	2920	10.0	100316.9	-5533.2
2741	10.5	95425.2	-5548.7	2831	9.4	95836.2	-5510.4	2921	10.5	100319.5	-5549.0
2742	10.4	95425.7	-5550.0	2832	8.8	95836.2	-5524.2	2922	9.9	100319.9	-5511.6
2743	10.5	95425.7	-5536.5	2833	10.2	95838.2	-5512.1	2923	10.4	100320.9	-5521.9
2744	9.1	95426.2	-5545.7	2834	8.8	95838.2	-5506.8	2924	10.0	100321.4	-5524.5
2745	10.2	95436.7	-5512.8	2835	10.0	95838.2	-5503.1	2925	10.2	100322.4	-5516.4
2746	10.0	95438.2	-5513.0	2836	10.5	95842.1	-5553.0	2926	10.5	100324.9	-5549.8
2747	10.5	95442.7	-5541.3	2837	10.5	95844.1	-5512.1	2927	9.7	100326.4	-5528.8
2748	9.8	95442.7	-5546.9	2838	10.5	95844.1	-5516.0	2928	9.0	100330.0	-5558.4
2749	10.0	95443.2	-5504.2	2839	10.2	95844.2	-5556.5	2929	10.2	100331.9	-5529.6
2750	10.2	95445.0	-5559.7	2840	10.4	95850.6	-5528.1	2930	10.4	100331.9	-5545.6
2751	9.0	95445.2	-5552.7	2841	10.4	95851.1	-5505.0	2931	10.5	100332.4	-5534.3
2752	10.0	95445.2	-5555.5	2842	10.5	95855.6	-5507.1	2932	10.0	100333.9	-5505.1
2753	10.5	95447.2	-5519.7	2843	9.8	95856.1	-5525.4	2933	10.2	100337.4	-5525.2
2754	10.5	95450.7	-5520.7	2844	9.8	95858.1	-5555.6	2934	10.2	100337.4	-5521.1
2755	10.5	95452.2	-5531.3	2845	10.2	95859.7	-5500.5	2935	10.0	100341.4	-5542.0
2756	8.6	95453.2	-5543.4	2846	10.5	95900.1	-5521.6	2936	10.5	100343.5	-5516.0
2757	10.5	95455.7	-5504.1	2847	10.4	95901.6	-5548.2	2937	10.0	100343.9	-5502.2
2758	10.2	95501.7	-5537.9	2848	10.4	95901.6	-5559.6	2938	10.0	100344.2	-5559.5
2759	10.0	95502.2	-5503.5	2849	10.5	95902.7	-5556.1	2939	10.5	100345.4	-5530.5
2760	10.0	95503.7	-5550.5	2850	8.8	95903.6	-5556.5	2940	10.0	100345.4	-5519.5
2761	10.0	95504.2	-5534.1	2851	10.2	95906.6	-5530.4	2941	9.9	100347.9	-5524.9
2762	10.4	95511.7	-5521.0	2852	10.4	95908.6	-5541.9	2942	10.2	100348.9	-5541.0
2763	10.0	95517.7	-5554.9	2853	8.4	95915.6	-5506.8	2943	10.0	100350.4	-5551.7
2764	10.0	95518.2	-5511.2	2854	10.2	95919.6	-5544.2	2944	10.2	100352.4	-5520.5
2765	10.4	95523.5	-5559.2	2855	10.5	95921.1	-5516.1	2945	10.5	100354.4	-5518.2
2766	9.9	95524.3	-5558.9	2856	10.4	95924.1	-5518.0	2946	10.0	100358.4	-5550.0
2767	10.5	95524.8	-5559.6	2857	10.0	95926.6	-5531.4	2947	10.0	100358.9	-5554.1
2768	10.2	95525.7	-5554.9	2858	10.2	95927.6	-5518.9	2948	9.2	100400.8	-5525.8
2769	10.5	95526.2	-5509.6	2859	10.0	95928.6	-5516.2	2949	8.1	100401.8	-5549.4
2770	9.4	95528.2	-5517.9	2860	8.6	95930.6	-5515.0	2950	9.9	100402.3	-5548.0
2771	10.2	95528.2	-5512.4	2861	8.0	95937.6	-5518.1	2951	10.4	100407.3	-5549.1
2772	9.7	95530.7	-5521.9	2862	10.5	95938.6	-5529.3	2952	8.8	100411.8	-5509.2
2773	10.5	95534.6	-5532.5	2863	10.5	95938.6	-5513.6	2953	8.3	100416.3	-5548.4
2774	10.5	95534.7	-5541.8	2864	10.0	95943.6	-5545.1	2954	10.2	100418.8	-5547.1
2775	10.4	95534.7	-5546.1	2865	9.9	95949.1	-5551.1	2955	10.5	100419.1	-5515.1
2776	10.0	95535.7	-5511.2	2866	10.4	95949.9	-5552.6	2956	10.4	100423.3	-5536.0
2777	10.4	95542.2	-5529.6	2867	10.2	95952.1	-5527.6	2957	9.9	100424.3	-5550.4
2778	10.4	95543.3	-5558.6	2868	9.8	95957.1	-5517.6	2958	10.4	100425.8	-5508.0
2779	10.4	95603.2	-5529.8	2869	10.0	100003.1	-5514.6	2959	10.4	100431.8	-5509.2
2780	10.4	95604.2	-5541.9	2870	10.4	100015.6	-5518.1	2960	10.4	100431.8	-5528.4
2781	10.0	95605.2	-5550.3	2871	10.4	100023.1	-5559.6	2961	9.7	100437.8	-5545.7
2782	9.4	95607.0	-5557.6	2872	10.5	100023.1	-5554.7	2962	9.8	100437.8	-5508.7
2783	10.0	95613.0	-5500.6	2873	9.8	100026.0	-5513.6	2963	8.8	100440.3	-5518.2
2784	10.4	95615.7	-5553.2	2874	8.3	100032.5	-5511.6	2964	9.6	100442.3	-5544.5
2785	10.2	95633.6	-5547.7	2875	10.5	100033.0	-5519.2	2965	9.2	100443.8	-5533.1
2786	10.0	95634.5	-5558.5	2876	8.6	100039.5	-5509.5	2966	10.0	100443.8	-5513.5
2787	10.0	95635.7	-5546.4	2877	9.2	100044.5	-5504.8	2967	9.4	100445.3	-5511.5
2788	9.9	95635.7	-5545.3	2878	10.4	100051.5	-5546.3	2968	10.5	100447.8	-5503.8
2789	10.4	95636.2	-5520.9	2879	10.2	100055.0	-5510.5	2969	8.6	100448.3	-5536.7
2790	9.7	95638.2	-5558.1	2880	9.4	100055.5	-5538.5	2970	10.4	100500.3	-5510.9
2791	8.8	95643.7	-5553.3	2881	10.4	100106.5	-5510.1	2971	10.0	100501.3	-5503.4
2792	8.8	95645.7	-5541.2	2882	9.9	100108.5	-5503.6	2972	10.0	100504.8	-5509.4
2793	8.6	95649.7	-5523.6	2883	10.2	100110.5	-5548.7	2973	9.2	100506.3	-5526.1
2794	7.4	95652.7	-5529.7	2884	9.4	100111.5	-5533.0	2974	10.0	100513.8	-5534.0
2795	9.7	95656.2	-5529.5	2885	10.4	100113.5	-5552.5	2975	9.8	100526.3	-5532.5
2796	10.5	95659.7	-5507.3	2886	10.2	100115.5	-5536.4	2976	10.5	100533.8	-5553.8
2797	10.5	95701.7	-5553.2	2887	10.0	100117.5	-5516.5	2977	10.0	100536.3	-5526.1
2798	8.1	95703.2	-5552.2	2888	10.2	100119.0	-5531.8	2978	9.2	100536.8	-5509.3
2799	10.2	95703.2	-5545.8	2889	10.2	100122.0	-5557.4	2979	10.4	100538.3	-5514.8
2800	10.2	95703.7	-5527.4	2890	10.2	100128.0	-5544.6	2980	9.2	100538.3	-5548.9
2801	10.5	95707.2	-5513.4	2891	9.6	100132.5	-5505.5	2981	9.9	100540.3	-5534.5
2802	10.5	95708.7	-5515.4	2892	9.4	100135.5	-5510.8	2982	10.4	100540.3	-5532.7
2803	9.0	95709.2	-5532.1	2893	10.4	100145.0	-5551.3	2983	9.4	100544.1	-5500.4
2804	10.2	95710.2	-5555.0	2894	10.0	100145.3	-5502.9	2984	9.8	100547.1	-5546.6
2805	9.4	95713.2	-5505.0	2895	10.0	100148.5	-5546.3	2985	10.5	100549.1	-5502.2
2806	10.4	95715.5	-5500.8	2896	10.5	100150.0	-5539.8	2986	10.0	100549.6	-5541.2
2807	10.5	95720.7	-5557.4	2897	10.0	100154.0	-5540.0	2987	10.4	100551.6	-5534.8
2808	9.4	95721.2	-5543.9	2898	10.4	100154.5	-5523.0	2988	10.5	100553.6	-5552.0
2809	8.6	95726.2	-5525.6	2899	9.2	100204.0	-5501.7	2989	9.4	100556.6	-5524.8
2810	10.2	95734.2	-5505.0	2900	10.5	100205.0	-5502.2	2990	9.8	100601.1	-5519.8
2811	10.4	95737.2	-5520.0	2901	10.0	100206.3	-5559.3	2991	9.6	100601.1	-5559.2
2812	10.0	95745.7	-5544.1	2902	10.4	100209.5	-5548.6	2992	9.9	100605.1	-5516.2
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3015	9.9	100704.6	-5550.6								
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-55 3099 10h10m

-55 3458 10h22m

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3185 10.0 101304.7 -5541.4	3275 10.4 101605.6 -5545.5	3365 9.8 101839.6 -5557.2	3455 10.4 102230.5 -5517.5
3186 10.4 101306.2 -5556.1	3276 10.5 101609.1 -5520.8	3366 10.4 101842.6 -5540.2	3456 9.9 102236.0 -5506.0
3187 10.4 101306.2 -5552.0	3277 8.0 101610.6 -5552.0	3367 9.4 101844.6 -5554.2	3457 9.2 102236.0 -5514.7
3188 10.4 101307.2 -5532.0	3278 10.4 101610.6 -5529.3	3368 10.5 101847.1 -5525.6	3458 10.5 102236.5 -5509.3

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3459	10.4	102236.5	-5541.4
3460	9.7	102237.0	-5548.2
3461	10.0	102241.0	-5552.8
3462	10.0	102244.0	-5522.9
3463	10.4	102251.0	-5520.7
3464	10.4	102301.0	-5522.1
3465	10.4	102301.5	-5538.9
3466	10.2	102304.5	-5540.5
3467	10.2	102305.5	-5524.9
3468	10.5	102305.5	-5540.9
3469	8.0	102308.0	-5534.1
3470	9.4	102313.0	-5529.2
3471	10.0	102315.5	-5548.8
3472	10.4	102316.5	-5524.7
3473	10.5	102317.0	-5528.2
3474	8.8	102322.5	-5555.0
3475	9.2	102327.5	-5558.5
3476	9.9	102334.0	-5525.3
3477	10.4	102339.5	-5515.3
3478	10.2	102340.5	-5519.9
3479	9.4	102341.5	-5522.8
3480	9.2	102343.5	-5509.7
3481	10.5	102344.0	-5559.0
3482	8.8	102344.0	-5520.9
3483	10.5	102346.0	-5507.3
3484	10.5	102346.0	-5546.5
3485	10.5	102349.0	-5541.2
3486	10.0	102352.5	-5500.0
3487	10.4	102354.0	-5543.2
3488	9.4	102401.5	-5542.5
3489	10.5	102401.6	-5518.0
3490	9.8	102402.5	-5526.4
3491	10.5	102407.9	-5529.9
3492	10.4	102411.4	-5509.3
3493	10.4	102411.9	-5541.0
3494	10.4	102414.4	-5556.4
3495	10.0	102414.4	-5538.9
3496	9.7	102415.9	-5524.3
3497	8.8	102418.9	-5557.4
3498	10.0	102419.4	-5521.7
3499	10.4	102419.9	-5529.5
3500	9.2	102427.1	-5529.2
3501	10.0	102429.1	-5510.2
3502	8.8	102433.6	-5553.1
3503	9.8	102434.1	-5505.8
3504	10.1	102435.1	-5532.8
3505	9.6	102442.1	-5523.0
3506	9.0	102444.6	-5552.0
3507	9.4	102454.6	-5519.0
3508	9.6	102502.1	-5558.5
3509	10.1	102505.6	-5531.6
3510	9.8	102509.1	-5507.3
3511	10.0	102510.9	-5525.3
3512	10.0	102515.0	-5558.0
3513	10.1	102521.6	-5506.0
3514	10.0	102521.9	-5540.3
3515	10.0	102524.6	-5525.0
3516	10.1	102539.1	-5549.0
3517	10.0	102542.6	-5516.2
3518	9.0	102547.6	-5517.9
3519	9.6	102549.1	-5545.3
3520	10.1	102557.6	-5555.9
3521	8.8	102605.1	-5504.0
3522	9.8	102614.6	-5537.4
3523	10.1	102630.1	-5545.8
3524	9.6	102631.1	-5537.6
3525	10.1	102632.9	-5533.8
3526	9.6	102637.6	-5531.3
3527	10.1	102637.6	-5559.2
3528	9.8	102638.1	-5547.3
3529	10.1	102640.6	-5527.8
3530	10.1	102642.1	-5524.3
3531	10.1	102642.6	-5513.8
3532	9.4	102648.1	-5526.8
3533	9.6	102649.1	-5553.8
3534	10.1	102654.9	-5522.8
3535	10.1	102705.1	-5541.2
3536	9.8	102710.6	-5526.6
3537	10.1	102716.6	-5552.8
3538	10.0	102718.1	-5514.7
3539	10.0	102719.6	-5522.8
3540	9.8	102721.2	-5536.3
3541	10.0	102721.3	-5527.7
3542	9.5	102722.3	-5559.0
3543	9.0	102727.2	-5528.0
3544	10.1	102727.7	-5537.3
3545	10.1	102734.7	-5539.4
3546	9.8	102744.2	-5528.4
3547	9.6	102749.2	-5509.8
3548	9.6	102750.7	-5559.9
3549	9.0	102751.2	-5505.8
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3551	10.1	102802.7	-5549.8
3552	10.1	102804.2	-5508.4
3553	10.1	102808.7	-5550.0
3554	10.0	102814.7	-5550.8
3555	8.8	102816.7	-5515.2
3556	10.1	102819.2	-5511.8
3557	10.0	102821.2	-5504.6
3558	9.4	102830.2	-5532.6
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3561	8.8	102839.2	-5507.4
3562	9.4	102842.2	-5504.8
3563	10.1	102843.7	-5508.0
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3565	9.8	102850.7	-5530.1
3566	9.5	102851.2	-5546.2
3567	10.1	102851.7	-5507.4
3568	10.0	102852.2	-5532.0
3569	9.4	102858.0	-5558.0
3570	9.6	102900.7	-5519.1
3571	9.2	102902.7	-5540.2
3572	9.6	102904.7	-5508.8
3573	10.1	102909.2	-5510.6
3574	10.1	102916.2	-5504.8
3575	10.1	102917.7	-5504.6
3576	10.1	102924.2	-5546.3
3577	10.1	102925.2	-5555.6
3578	8.5	102931.2	-5516.0
3579	10.1	102932.2	-5551.0
3580	10.1	102934.7	-5533.2
3581	10.1	102937.2	-5541.0
3582	10.1	102939.2	-5541.8
3583	10.1	102939.3	-5502.6
3584	9.8	102940.2	-5554.4
3585	9.1	102941.2	-5554.2
3586	10.1	102944.2	-5531.2
3587	10.0	102945.4	-5501.0
3588	9.8	102948.2	-5527.2
3589	9.6	102948.7	-5502.8
3590	10.0	102949.7	-5501.3
3591	10.1	102949.7	-5528.0
3592	9.5	102952.2	-5523.0
3593	9.2	103001.7	-5555.8
3594	9.8	103003.7	-5549.4
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3596	10.1	103010.1	-5546.4
3597	9.2	103013.2	-5544.2
3598	10.1	103023.2	-5509.0
3599	9.6	103023.2	-5508.8
3600	10.1	103029.7	-5530.0
3601	10.1	103031.2	-5526.0
3602	9.2	103031.7	-5527.6
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3604	10.1	103045.7	-5548.6
3605	10.1	103046.9	-5520.8
3606	10.0	103047.2	-5532.0
3607	9.0	103049.2	-5511.6
3608	9.6	103049.2	-5549.0
3609	10.1	103051.7	-5526.8
3610	9.8	103051.7	-5507.0
3611	9.5	103052.2	-5542.6
3612	10.1	103102.7	-5517.0
3613	10.0	103105.7	-5547.8
3614	9.4	103106.2	-5520.1
3615	10.1	103114.9	-5523.7
3616	10.1	103115.7	-5534.0
3617	9.4	103124.7	-5517.0
3618	10.0	103127.2	-5509.8
3619	9.6	103132.7	-5518.6
3620	10.1	103133.7	-5508.8
3621	9.5	103136.2	-5540.8
3622	9.6	103136.2	-5538.0
3623	9.8	103139.2	-5554.6
3624	10.1	103141.2	-5521.8
3625	10.1	103141.7	-5500.0
3626	10.1	103147.2	-5544.1
3627	10.0	103150.7	-5535.0
3628	10.1	103153.7	-5502.0
3629	10.1	103200.7	-5523.9
3630	9.0	103205.2	-5537.1
3631	10.1	103208.8	-5503.8
3632	9.8	103217.3	-5516.3
3633	9.2	103223.3	-5512.3
3634	9.6	103225.3	-5555.3
3635	9.5	103227.8	-5536.0
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3637	10.1	103231.8	-5502.8
3638	10.1	103232.8	-5512.4
3639	9.6	103232.8	-5558.6
3640	10.1	103233.2	-5504.8
3641	10.1	103236.2	-5528.7
3642	9.8	103237.8	-5503.8
3643	10.1	103242.8	-5529.8
3644	9.2	103243.3	-5527.6
3645	10.1	103251.8	-5541.6
3646	10.0	103251.8	-5541.9
3647	9.2	103258.8	-5517.7
3648	9.8	103303.8	-5521.8
3649	10.0	103304.8	-5511.1
3650	10.0	103307.3	-5521.4
3651	9.8	103309.3	-5544.7
3652	9.6	103313.8	-5553.5
3653	9.5	103315.3	-5559.1
3654	9.4	103316.5	-5502.4
3655	9.1	103319.8	-5514.4
3656	10.0	103325.3	-5531.0
3657	9.5	103325.8	-5525.4
3658	9.5	103327.8	-5528.9
3659	10.1	103329.3	-5533.6
3660	9.6	103332.8	-5524.2
3661	9.8	103336.3	-5522.8
3662	10.0	103339.8	-5553.3
3663	10.1	103340.8	-5532.1
3664	10.0	103341.3	-5508.3
3665	9.2	103341.3	-5505.0
3666	9.6	103351.3	-5558.8
3667	10.0	103359.8	-5523.6
3668	9.8	103405.3	-5544.2
3669	9.6	103405.8	-5512.5
3670	9.5	103408.8	-5538.6
3671	10.0	103410.3	-5516.8
3672	10.1	103410.8	-5538.7
3673	10.1	103414.8	-5555.3
3674	10.0	103414.9	-5543.1
3675	10.1	103416.4	-5539.5
3676	10.1	103417.4	-5536.5
3677	9.0	103420.9	-5508.9
3678	9.2	103421.4	-5546.8
3679	10.1	103424.3	-5525.1
3680	10.1	103424.4	-5551.1
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3682	7.3	103425.4	-5520.3
3683	10.1	103429.4	-5551.3
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3685	9.5	103432.4	-5530.0
3686	9.8	103433.9	-5542.0
3687	9.6	103437.9	-5542.9
3688	9.0	103441.4	-5551.5
3689	9.5	103441.4	-5545.9
3690	9.4	103450.4	-5542.0
3691	10.1	103451.9	-5546.3
3692	9.6	103454.4	-5516.4
3693	9.2	103456.9	-5529.9
3694	10.0	103457.9	-5537.3
3695	8.4	103459.4	-5537.6
3696	10.0	103500.4	-5543.8
3697	10.0	103500.4	-5554.7
3698	9.8	103509.4	-5552.9
3699	10.0	103510.4	-5520.6
3700	10.1	103510.9	-5516.7
3701	8.6	103511.4	-5555.5
3702	9.8	103518.4	-5549.5
3703	10.1	103519.4	-5507.1
3704	9.2	103524.9	-5535.2
3705	10.1	103526.3	-5522.3
3706	10.1	103526.9	-5538.0
3707	9.5	103528.4	-5556.5
3708	9.6	103532.4	-5542.1
3709	9.2	103536.9	-5539.2
3710	9.6	103536.9	-5504.9
3711	9.6	103544.4	-5506.3
3712	9.6	103544.4	-5554.0
3713	9.4	103546.4	-5532.9
3714	10.1	103548.4	-5508.5
3715	10.1	103551.9	-5502.3
3716	10.1	103554.4	-5515.0
3717	10.1	103554.9	-5518.5
3718	10.0	103556.4	-5533.5
3719	9.6	103559.8	-5557.3
3720	9.4	103600.5	-5532.1
3721	9.8	103605.0	-5556.7
3722	9.5	103606.0	-5514.7
3723	8.8	103608.5	-5515.9
3724	9.5	103609.0	-5526.8
3725	10.0	103609.9	-5558.6
3726	10.1	103611.3	-5532.2
3727	9.0	103611.5	-5517.2
3728	10.1	103614.5	-5522.3

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3729	7.7	103627.5	-5524.9
3730	9.8	103631.0	-5518.1
3731	8.2	103633.5	-5526.5
3732	9.8	103636.5	-5533.9
3733	10.1	103640.0	-5542.5
3734	10.0	103641.5	-5511.5
3735	10.1	103642.5	-5524.1
3736	10.0	103644.5	-5544.7
3737	9.1	103645.0	-5541.3
3738	9.4	103645.0	-5505.9
3739	9.6	103646.0	-5536.5
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3741	10.1	103700.0	-5554.7
3742	9.8	103701.0	-5525.5
3743	10.0	103715.0	-5523.4
3744	10.1	103715.5	-5558.9
3745	10.0	103727.0	-5533.3
3746	9.8	103728.0	-5520.0
3747	10.1	103731.0	-5536.7
3748	9.4	103735.0	-5517.9
3749	9.2	103737.5	-5549.4
3750	10.1	103740.0	-5543.7
3751	9.8	103741.0	-5550.3
3752	10.1	103749.0	-5542.7
3753	9.5	103749.5	-5552.8
3754	10.0	103750.0	-5520.7
3755	9.4	103753.5	-5554.1
3756	9.6	103757.5	-5552.9
3757	10.0	103759.0	-5526.9
3758	9.6	103801.0	-5532.1
3759	10.0	103802.0	-5520.7
3760	10.1	103809.0	-5521.3
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3762	10.1	103813.1	-5537.2
3763	9.6	103816.5	-5508.3
3764	10.1	103823.0	-5523.7
3765	10.0	103825.0	-5525.1
3766	9.5	103829.0	-5558.9
3767	9.8	103832.5	-5534.7
3768	9.1	103834.0	-5516.3
3769	10.1	103834.1	-5557.6
3770	9.5	103836.5	-5537.1
3771	10.1	103837.0	-5538.1
3772	9.5	103839.0	-5514.1
3773	10.1	103849.5	-5540.9
3774	10.0	103851.5	-5554.8
3775	10.1	103852.5	-5539.5
3776	10.0	103858.5	-5546.5
3777	10.0	103901.0	-5533.1
3778	8.6	103906.5	-5507.9
3779	10.1	103907.0	-5544.9
3780	10.0	103909.5	-5506.0
3781	10.0	103911.1	-5517.3
3782	10.0	103915.5	-5537.5
3783	10.1	103915.0	-5526.3
3784	9.8	103921.0	-5550.7
3785	10.1	103921.5	-5555.5
3786	9.8	103928.9	-5559.3
3787	9.8	103935.0	-5554.9
3788	9.8	103929.5	-5512.7
3789	9.8	103931.5	-5553.1
3790	10.1	103935.0	-5512.9
3791	10.0	103937.1	-5557.1
3792	10.0	103937.5	-5548.9
3793	9.6	103939.0	-5549.7
3794	9.8	103939.5	-5506.8
3795	9.4	103941.0	-5504.0
3796	9.4	103941.0	-5555.0
3797	9.2	103941.5	-5505.3
3798	9.6	103945.0	-5506.1
3799	9.6	103951.5	-5554.8
3800	9.2	103954.5	-5537.9
3801	10.0	103957.0	-5543.1
3802	9.8	104006.5	-5535.1
3803	10.0	104010.7	-5537.1
3804	9.1	104012.2	-5518.9
3805	10.1	104015.2	-5504.5
3806	10.0	104015.2	-5505.5
3807	9.1	104016.7	-5546.2
3808	10.1	104017.7	-5555.5
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3810	9.2	104018.7	-5553.9
3811	9.8	104022.7	-5504.0
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3813	8.8	104025.7	-5508.1
3814	9.4	104029.2	-5507.8
3815	10.0	104029.5	-5557.4
3816	9.6	104035.2	-5555.7
3817	10.0	104037.7	-5537.1
3818	10.1	104038.6	-5522.2

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-55 4178 11h04m

3819	9.8	104038.7	-5549.1	3909	9.6	104531.1	-5555.5	3999	8.8	105201.4	-5504.6
3820	10.1	104041.7	-5509.9	3910	10.1	104534.1	-5546.1	4000	10.0	105201.9	-5516.6
3821	9.4	104043.7	-5548.0	3911	9.1	104537.6	-5515.9	4001	9.4	105206.4	-5541.9
3822	9.0	104044.2	-5537.8	3912	9.8	104543.1	-5548.3	4002	10.1	105208.7	-5535.4
3823	10.0	104046.2	-5518.5	3913	10.0	104559.1	-5532.8	4003	10.0	105211.2	-5524.8
3824	9.6	104047.7	-5535.4	3914	9.6	104600.6	-5502.2	4004	9.6	105216.2	-5542.4
3825	9.8	104051.2	-5518.0	3915	10.1	104601.1	-5556.5	4005	10.1	105219.1	-5500.3
3826	9.6	104101.7	-5534.6	3916	9.6	104602.1	-5548.9	4006	10.1	105220.1	-5528.3
3827	9.8	104102.7	-5544.0	3917	9.0	104609.6	-5544.8	4007	9.8	105220.2	-5523.5
3828	9.5	104117.2	-5516.7	3918	9.8	104610.6	-5539.1	4008	9.2	105221.2	-5538.2
3829	9.6	104121.2	-5537.1	3919	10.1	104625.1	-5503.5	4009	10.1	105223.1	-5529.2
3830	9.8	104121.2	-5531.3	3920	10.0	104626.6	-5542.8	4010	9.6	105223.7	-5545.3
3831	10.1	104123.2	-5506.1	3921	10.0	104626.6	-5530.2	4011	9.8	105231.7	-5516.1
3832	10.1	104129.6	-5504.7	3922	10.0	104628.6	-5533.8	4012	10.1	105233.1	-5559.3
3833	9.5	104129.7	-5552.3	3923	10.0	104635.1	-5525.0	4013	9.2	105234.2	-5539.0
3834	10.0	104135.7	-5528.3	3924	9.8	104638.2	-5531.7	4014	9.6	105237.2	-5551.4
3835	9.8	104138.7	-5545.5	3925	9.5	104640.5	-5527.0	4015	10.0	105239.7	-5527.3
3836	10.1	104139.3	-5500.3	3926	8.6	104646.5	-5553.5	4016	10.1	105244.2	-5513.7
3837	9.0	104140.2	-5507.0	3927	8.8	104655.0	-5553.4	4017	9.0	105247.2	-5536.8
3838	10.1	104141.4	-5527.7	3928	9.0	104658.0	-5529.7	4018	8.3	105248.2	-5506.9
3839	9.6	104142.2	-5524.3	3929	9.6	104658.5	-5530.0	4019	9.8	105249.2	-5503.7
3840	10.1	104143.4	-5546.1	3930	9.8	104700.5	-5533.0	4020	9.6	105254.7	-5518.7
3841	9.4	104151.2	-5517.1	3931	10.1	104702.4	-5553.1	4021	10.0	105258.2	-5526.7
3842	10.1	104152.7	-5545.7	3932	9.8	104703.0	-5510.1	4022	9.2	105302.7	-5523.5
3843	10.1	104213.2	-5536.8	3933	10.1	104708.0	-5559.6	4023	9.2	105309.4	-5558.9
3844	9.4	104215.2	-5515.1	3934	10.1	104712.0	-5524.8	4024	10.0	105311.7	-5550.9
3845	10.0	104219.2	-5513.3	3935	10.1	104725.5	-5539.5	4025	9.4	105315.7	-5540.7
3846	10.0	104222.2	-5527.4	3936	10.0	104728.5	-5550.4	4026	9.6	105324.7	-5512.1
3847	9.0	104223.2	-5507.7	3937	10.0	104735.5	-5532.3	4027	10.1	105326.7	-5539.6
3848	9.8	104224.2	-5503.6	3938	10.1	104736.4	-5516.4	4028	10.1	105335.7	-5542.9
3849	9.4	104228.7	-5501.2	3939	10.1	104736.5	-5555.5	4029	10.1	105337.2	-5544.5
3850	10.1	104231.2	-5534.3	3940	9.8	104743.5	-5513.9	4030	9.2	105338.2	-5503.8
3851	10.1	104232.2	-5519.9	3941	9.5	104749.5	-5530.9	4031	9.6	105350.2	-5520.5
3852	10.0	104236.3	-5501.9	3942	10.1	104757.5	-5517.0	4032	9.5	105415.2	-5520.4
3853	10.1	104242.7	-5520.0	3943	9.6	104758.5	-5500.1	4033	9.0	105415.7	-5557.0
3854	10.0	104247.7	-5532.5	3944	10.0	104759.5	-5539.9	4034	9.4	105416.7	-5521.8
3855	10.0	104247.7	-5500.0	3945	9.6	104801.5	-5512.6	4035	9.6	105417.7	-5524.3
3856	8.8	104250.7	-5518.9	3946	10.1	104806.0	-5531.7	4036	9.2	105418.7	-5522.8
3857	9.1	104251.7	-5548.1	3947	10.0	104808.5	-5547.6	4037	9.5	105420.2	-5510.7
3858	10.0	104257.5	-5500.8	3948	10.1	104812.4	-5532.1	4038	7.6	105425.7	-5532.1
3859	10.1	104300.7	-5557.8	3949	9.0	104816.0	-5526.7	4039	9.6	105432.7	-5520.4
3860	10.0	104302.7	-5515.1	3950	9.4	104818.5	-5516.4	4040	9.2	105433.2	-5530.6
3861	10.1	104303.3	-5503.2	3951	10.1	104820.0	-5549.8	4041	9.5	105436.7	-5524.6
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3863	10.1	104306.2	-5523.8	3953	10.1	104823.5	-5553.2	4043	9.6	105451.5	-5509.0
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3865	10.0	104310.8	-5500.0	3955	10.1	104850.0	-5542.1	4045	9.8	105501.0	-5503.6
3866	9.2	104316.2	-5515.1	3956	10.1	104855.5	-5516.0	4046	9.2	105501.0	-5510.5
3867	10.1	104316.7	-5556.1	3957	9.8	104900.5	-5500.7	4047	8.8	105502.0	-5559.0
3868	9.8	104319.7	-5556.2	3958	10.1	104907.0	-5534.1	4048	9.2	105506.0	-5552.9
3869	8.5	104324.5	-5557.7	3959	9.8	104911.0	-5545.6	4049	9.6	105511.0	-5532.8
3870	9.8	104332.7	-5513.6	3960	10.1	104912.5	-5535.5	4050	10.1	105514.0	-5534.2
3871	9.2	104339.7	-5555.0	3961	10.0	104913.5	-5507.9	4051	9.6	105515.5	-5532.9
3872	10.1	104340.7	-5528.1	3962	10.1	104920.0	-5553.5	4052	9.8	105516.0	-5550.7
3873	10.0	104340.7	-5533.5	3963	9.5	104925.5	-5517.9	4053	10.1	105516.0	-5556.9
3874	10.0	104349.2	-5503.7	3964	9.8	104926.0	-5533.8	4054	9.8	105516.5	-5523.2
3875	9.6	104354.2	-5540.9	3965	10.0	104931.4	-5522.6	4055	9.2	105526.4	-5530.5
3876	9.6	104355.2	-5556.6	3966	10.1	104931.9	-5554.6	4056	9.6	105528.4	-5540.8
3877	9.8	104401.7	-5536.8	3967	9.1	104938.4	-5529.5	4057	10.0	105531.0	-5543.2
3878	9.8	104405.7	-5519.9	3968	9.8	104940.9	-5543.0	4058	10.1	105539.9	-5536.8
3879	10.0	104405.7	-5555.9	3969	10.1	104944.9	-5541.5	4059	10.0	105541.1	-5500.5
3880	9.8	104407.7	-5510.5	3970	10.0	104946.4	-5559.8	4060	10.0	105545.0	-5538.3
3881	9.8	104418.7	-5547.3	3971	10.1	104955.5	-5558.9	4061	10.0	105545.5	-5532.0
3882	10.1	104418.7	-5543.7	3972	10.0	105002.4	-5557.1	4062	10.1	105548.4	-5515.1
3883	9.8	104423.1	-5514.2	3973	10.1	105011.4	-5517.0	4063	9.3	105551.8	-5539.2
3884	10.1	104423.1	-5557.7	3974	9.8	105015.9	-5503.7	4064	10.0	105559.6	-5505.4
3885	9.8	104423.2	-5519.1	3975	9.6	105022.4	-5519.4	4065	9.4	105607.1	-5529.0
3886	9.8	104426.1	-5503.0	3976	10.1	105026.4	-5525.5	4066	8.8	105609.8	-5554.2
3887	10.1	104435.1	-5556.9	3977	10.0	105027.4	-5502.3	4067	10.0	105618.9	-5550.5
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3892	9.6	104448.6	-5558.9	3982	9.8	105045.4	-5554.0	4072	9.8	105641.6	-5546.8
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3894	10.0	104452.1	-5529.3	3984	9.8	105047.9	-5512.9	4074	9.8	105645.6	-5544.8
3895	9.5	104455.6	-5502.1	3985	9.5	105051.9	-5529.6	4075	9.3	105650.6	-5514.4
3896	9.8	104456.6	-5552.3	3986	9.0	105052.9	-5546.0	4076	10.0	105651.3	-5513.8
3897	10.0	104501.1	-5555.7	3987	9.8	105056.4	-5517.5	4077	8.6	105651.3	-5544.0
3898	8.8	104502.6	-5547.9	3988	9.6	105105.9	-5536.3	4078	9.6	105655.3	-5505.8
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3900	9.6	104513.1	-5548.8	3990	9.5	105125.9	-5538.9	4080	10.0	105704.3	-5549.5
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3907	8.6	104523.6	-5519.1	3997	9.6	105158.4	-5552.0	4087	10.0	105735.8	-5508.9
3908	10.0	104528.5	-5540.7	3998	9.6	105200.4	-5540.8	4088	10.0	105742.3	-5525.4
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4094	9.8	105759.8	-5548.7								
4095	9.6	105801.3	-5546.1								
4096	9.8	105812.8	-5543.8								
4097	9.6	105821.3	-5522.7								
4098	10.0	105823.8	-5526.8								
4099	10.0	105825.8	-5538.1								
4100	9.5	105828.3	-5532.9								
4101	9.4	105836.8	-5540.8								
4102	9.4	105842.8	-5505.9								
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4163	9.8	110319.3	-5538.5								
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4213	9.8	110729.3	-5522.1
4214	9.8	110732.3	-5551.4
4215	9.8	110734.8	-5550.6
4216	9.0	110736.3	-5543.8
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4219	10.0	110753.1	-5512.9
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4274	9.8	111203.6	-5511.0
4275	9.8	111213.6	-5504.6
4276	9.5	111213.8	-5501.1
4277	9.4	111214.1	-5533.3
4278	9.6	111220.1	-5540.0
4279	9.6	111237.6	-5555.4
4280	9.6	111238.6	-5536.3
4281	9.8	111242.1	-5532.8
4282	9.6	111244.6	-5539.5
4283	9.3	111249.1	-5556.7
4284	9.6	111313.6	-5549.7
4285	8.4	111330.1	-5554.2
4286	9.8	111331.1	-5522.4
4287	9.2	111402.6	-5518.1
4288	9.6	111405.1	-5524.9
4289	9.4	111418.1	-5515.9
4290	10.0	111429.1	-5504.4
4291	10.0	111430.1	-5538.5
4292	9.5	111430.6	-5501.6
4293	8.9	111434.1	-5544.2
4294	9.5	111435.1	-5528.7
4295	10.0	111442.6	-5541.6
4296	10.0	111445.1	-5522.1
4297	9.4	111451.1	-5507.1
4298	9.8	111453.1	-5527.3
4299	10.0	111456.1	-5537.9
4300	9.8	111456.1	-5540.7
4301	10.0	111501.1	-5557.6
4302	9.8	111502.1	-5513.8
4303	9.6	111518.6	-5530.4
4304	9.8	111528.6	-5552.3
4305	9.5	111541.1	-5542.8
4306	9.6	111544.1	-5526.4
4307	9.8	111555.6	-5504.4
4308	9.4	111558.6	-5547.1
4309	9.5	111602.1	-5531.6
4310	10.0	111604.9	-5501.3
4311	10.0	111606.6	-5535.7
4312	9.8	111609.1	-5545.1
4313	9.8	111618.1	-5507.9
4314	9.4	111621.1	-5520.2
4315	10.0	111627.6	-5530.0
4316	9.6	111629.6	-5503.3
4317	9.6	111632.1	-5551.9
4318	8.8	111635.1	-5555.2
4319	9.8	111639.1	-5539.1
4320	9.6	111642.1	-5523.8
4321	9.3	111647.6	-5512.6
4322	9.5	111652.1	-5546.5
4323	9.5	111701.0	-5510.1
4324	9.6	111702.0	-5503.6
4325	10.0	111703.5	-5551.1
4326	9.4	111705.0	-5504.0
4327	10.0	111713.5	-5523.6
4328	9.6	111715.0	-5552.8
4329	9.2	111728.7	-5502.6
4330	9.4	111737.5	-5510.4
4331	10.0	111738.0	-5538.8
4332	9.8	111739.0	-5522.8
4333	10.0	111739.5	-5554.1
4334	9.6	111740.5	-5553.0
4335	10.0	111750.0	-5512.9
4336	9.6	111754.0	-5518.6
4337	9.6	111800.5	-5503.7
4338	10.0	111802.0	-5553.6
4339	10.0	111813.5	-5558.8
4340	9.4	111825.0	-5555.9
4341	10.0	111831.5	-5518.8
4342	9.8	111832.5	-5513.2
4343	9.8	111834.0	-5544.7
4344	10.0	111838.5	-5515.6
4345	10.0	111843.0	-5520.1
4346	9.5	111850.0	-5559.4
4347	9.6	111851.0	-5531.0
4348	9.8	111851.0	-5522.6
4349	9.1	111859.5	-5512.3
4350	10.0	111901.0	-5527.7
4351	10.0	111906.5	-5537.3
4352	10.0	111907.5	-5508.2
4353	9.8	111910.0	-5511.9
4354	9.8	111912.5	-5555.7
4355	9.8	111916.5	-5524.1
4356	9.4	111927.5	-5530.1
4357	9.6	111938.5	-5529.1
4358	10.0	111942.0	-5531.0
4359	9.6	111943.5	-5555.0
4360	10.0	111951.5	-5517.4
4361	9.8	111953.0	-5541.0
4362	9.0	111955.0	-5540.8
4363	9.6	111955.4	-5557.4
4364	9.8	111956.5	-5517.0
4365	9.8	111959.5	-5545.0
4366	9.0	112004.0	-5545.4
4367	10.0	112011.5	-5508.6
4368	10.0	112015.0	-5508.4
4369	9.6	112017.5	-5522.2
4370	10.0	112024.0	-5535.4
4371	9.4	112028.0	-5518.3
4372	9.5	112032.5	-5500.8
4373	9.6	112036.5	-5555.5
4374	9.0	112040.5	-5556.4
4375	9.3	112043.0	-5549.9
4376	9.0	112045.0	-5535.4
4377	9.8	112114.0	-5504.3
4378	8.1	112115.0	-5535.6
4379	9.0	112122.5	-5555.4
4380	10.0	112136.0	-5523.6
4381	10.0	112145.0	-5511.2
4382	9.8	112147.3	-5501.2
4383	10.0	112149.4	-5558.3
4384	9.0	112151.0	-5513.0
4385	9.4	112154.0	-5534.2
4386	9.6	112158.0	-5537.9
4387	9.5	112201.0	-5520.1
4388	9.1	112207.5	-5506.9
4389	9.8	112223.5	-5529.5
4390	10.0	112236.5	-5551.0
4391	9.8	112239.0	-5555.8
4392	9.1	112241.5	-5512.0
4393	10.0	112242.5	-5525.5
4394	9.6	112247.5	-5526.0
4395	10.0	112250.8	-5559.0
4396	9.6	112255.0	-5548.5
4397	9.8	112309.0	-5515.8
4398	9.8	112314.5	-5511.7
4399	8.3	112318.5	-5557.4
4400	9.5	112323.5	-5542.3
4401	9.6	112329.0	-5542.7
4402	9.0	112332.5	-5515.4
4403	9.4	112335.0	-5515.5
4404	9.6	112336.5	-5503.7
4405	10.0	112345.0	-5530.3
4406	9.0	112348.0	-5512.3
4407	10.0	112349.0	-5522.3
4408	9.3	112356.5	-5511.4
4409	9.8	112359.0	-5533.7
4410	9.5	112419.5	-5546.7
4411	9.6	112421.0	-5519.6
4412	9.8	112423.0	-5501.9
4413	9.8	112426.5	-5543.1
4414	9.8	112442.5	-5539.1
4415	10.0	112446.0	-5514.9
4416	9.4	112516.5	-5554.8
4417	10.0	112517.5	-5535.8
4418	9.8	112528.0	-5530.0
4419	9.6	112532.0	-5528.9
4420	9.4	112534.5	-5547.6
4421	9.5	112543.5	-5522.0
4422	10.0	112546.5	-5517.1
4423	10.0	112546.5	-5557.4
4424	9.6	112553.0	-5522.3
4425	9.8	112554.5	-5556.9
4426	9.8	112601.8	-5502.8
4427	10.0	112604.5	-5536.3
4428	10.0	112610.5	-5522.0
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4430	10.0	112619.5	-5553.8
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4432	9.6	112626.0	-5524.3
4433	9.5	112630.0	-5530.0
4434	10.0	112631.0	-5514.4
4435	9.8	112641.0	-5528.5
4436	9.4	112650.0	-5531.1
4437	9.6	112652.5	-5550.0
4438	10.0	112654.0	-5536.0
4439	9.8	112709.0	-5525.9
4440	9.6	112711.0	-5533.0
4441	9.8	112733.4	-5546.8
4442	10.0	112734.7	-5505.8
4443	10.0	112735.5	-5507.2
4444	9.4	112736.2	-5535.4
4445	9.6	112736.5	-5507.0
4446	9.8	112744.0	-5525.6
4447	9.6	112751.0	-5506.9
4448	10.0	112801.0	-5536.1

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4449	9.6	112810.0	-5506.3
4450	10.0	112810.3	-5535.5
4451	10.0	112822.2	-5538.7
4452	9.2	112827.2	-5500.8
4453	9.8	112832.9	-5524.5
4454	9.8	112834.0	-5529.8
4455	10.0	112835.0	-5555.5
4456	10.0	112840.5	-5533.9
4457	10.0	112841.4	-5547.4
4458	9.8	112845.2	-5511.6
4459	9.6	112846.5	-5543.3
4460	9.8	112846.7	-5517.5
4461	10.0	112847.0	-5538.7
4462	9.9	112847.0	-5557.6
4463	9.4	112852.2	-5512.3
4464	9.8	112854.4	-5541.0
4465	9.9	112854.8	-5558.7
4466	9.8	112858.9	-5544.9
4467	9.5	112905.4	-5516.7
4468	8.2	112909.4	-5525.8
4469	9.9	112911.4	-5507.2
4470	8.8	112912.4	-5520.5
4471	9.4	112914.9	-5542.8
4472	9.9	112917.5	-5537.9
4473	9.2	112920.4	-5542.0
4474	9.9	112922.9	-5526.9
4475	9.2	112924.4	-5548.5
4476	9.9	112940.4	-5503.5
4477	9.3	112942.9	-5516.8
4478	9.9	112946.7	-5559.9
4479	9.4	112953.9	-5539.4
4480	9.9	113007.5	-5504.6
4481	9.9	113008.4	-5553.9
4482	8.9	113012.4	-5508.8
4483	9.4	113015.7	-5502.4
4484	9.9	113018.8	-5522.0
4485	9.4	113020.3	-5513.5
4486	9.8	113020.3	-5517.0
4487	9.6	113025.3	-5516.0
4488	8.6	113027.8	-5503.0
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4490	9.9	113036.8	-5509.7
4491	9.2	113044.3	-5526.9
4492	9.5	113050.3	-5517.7
4493	9.9	113054.3	-5544.1
4494	9.5	113105.3	-5544.0
4495	9.4	113108.8	-5501.1
4496	9.2	113119.3	-5510.1
4497	9.9	113119.8	-5548.5
4498	9.3	113120.8	-5547.8
4499	9.9	113130.3	-5524.5
4500	8.8	113139.8	-5549.0
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4502	9.9	113145.8	-5505.2
4503	9.9	113147.8	-5535.2
4504	9.0	113150.8	-5545.5
4505	9.9	113202.8	-5508.8
4506	9.6	113206.8	-5505.2
4507	9.4	113233.3	-5544.5
4508	9.9	113244.3	-5501.9
4509	9.8	113249.3	-5544.1
4510	9.9	113250.3	-5519.8
4511	9.8	113250.3	-5515.9
4512	9.8	113252.3	-5547.1
4513	9.6	113254.8	-5542.6
4514	9.9	113316.8	-5540.5
4515	9.8	113318.3	-5515.0
4516	9.4	113320.8	-5504.5
4517	9.9	113333.3	-5538.0
4518	9.4	113342.3	-5549.2
4519	9.1	113343.8	-5547.1
4520	9.8	113348.3	-5552.3
4521	9.9	113349.3	-5506.5
4522	9.4	113350.3	-5536.6
4523	9.1	113350.8	-5501.8
4524	9.8	113352.7	-5502.9
4525	9.5	113352.8	-5553.9
4526	9.9	113355.1	-5504.4
4527	9.8	113355.2	-5524.3
4528	9.8	113400.2	-5526.0
4529	9.8	113405.2	-5550.9
4530	9.9	113410.2	-5526.1
4531	9.6	113411.7	-5509.7
4532	9.8	113416.2	-5542.1
4533	9.9	113419.2	-5527.8
4534	9.8	113422.7	-5526.3
4535	9.2	113431.7	-5526.2
4536	9.8	113431.7	-5533.9
4537	8.6	113433.2	-5537.6
4538	9.5	113439.2	-5511.8

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4539	8.9	113440.2	-5511.0	4629	9.6	114115.2	-5520.6	4719	9.8	114916.1	-5501.4
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4542	9.8	113450.2	-5521.8	4632	9.9	114143.2	-5505.5	4722	9.9	114925.6	-5536.4
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4544	9.9	113455.7	-5502.1	4634	9.8	114145.7	-5552.6	4724	9.9	114939.5	-5514.9
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4547	9.9	113511.7	-5523.3	4637	9.3	114149.7	-5537.2	4727	8.5	114951.5	-5544.8
4548	9.9	113524.7	-5523.5	4638	9.3	114200.2	-5542.2	4728	9.0	114952.0	-5540.0
4549	9.9	113526.2	-5540.1	4639	9.8	114201.7	-5538.8	4729	9.8	115005.0	-5518.9
4550	9.9	113528.2	-5530.1	4640	9.4	114211.7	-5545.1	4730	9.5	115007.0	-5507.2
4551	9.2	113530.2	-5555.9	4641	9.5	114215.7	-5553.9	4731	9.8	115008.5	-5506.9
4552	9.4	113546.7	-5545.8	4642	9.8	114218.2	-5510.0	4732	9.8	115017.0	-5541.5
4553	9.4	113546.7	-5525.5	4643	8.5	114220.2	-5530.7	4733	9.8	115024.5	-5534.0
4554	9.9	113556.7	-5507.4	4644	8.4	114221.2	-5516.3	4734	9.9	115033.0	-5504.1
4555	9.8	113600.2	-5556.3	4645	9.4	114222.2	-5533.8	4735	9.6	115042.0	-5531.3
4556	9.9	113601.2	-5521.9	4646	9.4	114227.2	-5543.5	4736	8.8	115045.5	-5513.3
4557	9.9	113602.2	-5504.9	4647	9.9	114238.7	-5503.1	4737	9.8	115100.0	-5529.5
4558	9.3	113602.7	-5533.5	4648	9.8	114240.2	-5525.4	4738	9.8	115103.0	-5522.8
4559	8.9	113605.7	-5522.8	4649	9.6	114240.2	-5556.6	4739	8.8	115105.5	-5541.3
4560	9.8	113606.5	-5559.4	4650	9.6	114243.7	-5556.6	4740	9.9	115110.0	-5509.9
4561	9.9	113615.2	-5500.6	4651	9.9	114246.2	-5539.2	4741	9.9	115113.0	-5508.3
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4563	9.8	113618.2	-5546.9	4653	9.6	114257.2	-5559.0	4743	9.5	115122.0	-5525.9
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4565	9.9	113624.0	-5559.1	4655	9.9	114307.2	-5548.5	4745	9.4	115137.0	-5523.7
4566	9.3	113631.7	-5526.1	4656	9.4	114313.2	-5533.6	4746	8.8	115140.0	-5547.9
4567	9.4	113632.7	-5534.5	4657	9.3	114314.2	-5520.9	4747	8.9	115148.0	-5501.0
4568	9.3	113636.7	-5538.5	4658	9.9	114315.2	-5557.0	4748	9.5	115151.0	-5501.6
4569	9.9	113640.2	-5550.3	4659	9.9	114317.7	-5548.7	4749	9.9	115152.5	-5531.0
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4571	9.9	113700.2	-5537.4	4661	9.6	114326.7	-5531.1	4751	6.4	115157.0	-5537.3
4572	9.6	113700.2	-5528.9	4662	9.5	114333.2	-5505.5	4752	9.4	115205.0	-5516.3
4573	9.9	113706.2	-5538.2	4663	9.6	114333.7	-5523.3	4753	9.8	115207.0	-5555.4
4574	9.3	113707.7	-5551.2	4664	9.8	114339.2	-5508.4	4754	9.9	115212.5	-5506.8
4575	8.9	113712.2	-5506.1	4665	8.7	114349.2	-5534.6	4755	9.9	115215.5	-5534.9
4576	8.4	113712.2	-5553.7	4666	9.9	114349.2	-5509.3	4756	9.4	115218.0	-5559.4
4577	9.5	113722.2	-5549.1	4667	9.8	114354.7	-5549.2	4757	9.8	115218.4	-5558.9
4578	9.9	113722.2	-5514.8	4668	9.6	114357.2	-5540.5	4758	9.8	115219.7	-5558.4
4579	9.8	113727.2	-5528.0	4669	9.9	114402.2	-5541.1	4759	9.5	115222.2	-5506.3
4580	9.4	113735.7	-5515.0	4670	9.9	114402.7	-5551.3	4760	9.8	115226.1	-5502.2
4581	9.2	113736.2	-5528.0	4671	9.8	114409.2	-5537.4	4761	8.7	115227.7	-5531.1
4582	9.8	113738.7	-5501.6	4672	9.8	114420.7	-5543.2	4762	9.8	115231.2	-5543.0
4583	9.8	113741.7	-5546.0	4673	8.8	114441.2	-5511.6	4763	9.6	115235.2	-5524.1
4584	9.8	113748.2	-5557.8	4674	9.8	114450.7	-5544.0	4764	9.8	115238.7	-5551.0
4585	9.9	113749.2	-5506.1	4675	9.6	114500.2	-5524.1	4765	9.5	115241.2	-5523.4
4586	9.8	113749.7	-5539.5	4676	9.3	114503.2	-5506.5	4766	9.3	115252.7	-5516.0
4587	9.2	113755.7	-5522.1	4677	9.5	114505.7	-5521.2	4767	9.6	115310.7	-5542.9
4588	9.9	113757.2	-5540.5	4678	9.3	114514.7	-5538.1	4768	9.8	115311.7	-5517.9
4589	9.4	113759.2	-5527.1	4679	9.4	114532.7	-5517.2	4769	8.6	115312.9	-5558.5
4590	9.6	113819.2	-5511.6	4680	9.9	114535.7	-5534.2	4770	9.8	115318.7	-5513.1
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-55 5258 12h44m

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5340 9.0 125457.1 -5504.2	5430 9.2 130517.1 -5530.2	5520 9.7 131509.4 -5535.3	5610 9.6 132411.4 -5530.3
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5345 9.4 125529.6 -5541.1	5435 9.2 130553.1 -5551.1	5525 9.4 131551.4 -5523.1	5615 8.4 132447.9 -5510.9
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5663	9.3	133054.9	-5521.0	5753	9.7	134252.7	-5558.2	5843	9.0	135434.9	-5542.6
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5666	9.2	133121.9	-5539.2	5756	10.0	134333.6	-5549.9	5846	7.2	135500.4	-5536.3
5667	9.7	133123.9	-5513.5	5757	9.7	134337.0	-5543.9	5847	10.0	135505.4	-5533.1
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5675	9.6	133200.4	-5551.8	5765	10.0	134423.0	-5512.1	5855	9.8	135546.4	-5544.4
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5686	9.1	133347.9	-5509.2	5776	9.4	134553.5	-5545.0	5866	8.6	135635.9	-5532.1
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5696	9.9	133449.4	-5538.9	5786	7.8	134745.9	-5520.3	5876	9.2	135810.9	-5535.1
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5701	9.3	133519.2	-5555.0	5791	9.6	134814.9	-5531.0	5881	9.7	135845.9	-5507.3
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-55 5979 14h10m

-55 6338 14h55m

5979 9.5 141041.5 -5542.7	6069 9.4 142709.6 -5500.8	6159 10.2 143710.8 -5517.0	6249 9.7 144711.7 -5558.2
5980 10.2 141049.0 -5502.8	6070 10.0 142711.8 -5530.5	6160 9.8 143727.3 -5521.9	6250 10.1 144715.7 -5556.0
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-55 6339 14h55m

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6472	9.6	150808.2	-5536.2
6473	8.1	150809.7	-5509.3
6474	10.0	150814.7	-5524.1
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6476	9.7	150818.7	-5537.9
6477	10.0	150819.7	-5555.1
6478	9.6	150819.7	-5522.5
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6480	10.0	150839.7	-5530.9
6481	10.0	150843.2	-5515.9
6482	10.0	150843.5	-5501.7
6483	9.7	150848.7	-5552.7
6484	10.0	150900.7	-5512.3
6485	10.0	150912.0	-5558.7
6486	9.6	150917.2	-5549.0
6487	8.8	150924.7	-5534.1
6488	10.0	150931.7	-5533.6
6489	9.6	150941.5	-5532.2
6490	8.1	150951.5	-5504.1
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6494	9.6	151003.5	-5512.9
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6497	10.1	151014.0	-5505.4
6498	8.6	151023.0	-5500.0
6499	10.1	151025.0	-5531.3
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6503	10.0	151050.0	-5543.5
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6505	10.1	151051.5	-5557.8
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6507	9.4	151110.5	-5501.9
6508	9.0	151111.5	-5556.9
6509	7.4	151112.5	-5540.5
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6515	10.0	151151.8	-5516.1
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6560	9.7	151749.1	-5556.7
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6562	9.6	151808.6	-5528.8
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6565	10.2	151832.6	-5532.1
6566	10.2	151835.1	-5540.2
6567	10.2	151850.1	-5505.9
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6578	10.2	151958.6	-5504.1
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6580	10.0	152016.6	-5547.0
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-55 6698 15h37m

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6610	10.2	152321.6	-5513.8
6611	10.1	152321.6	-5504.2
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6617	9.7	152429.1	-5535.6
6618	9.7	152457.6	-5535.0
6619	9.3	152501.6	-5559.3
6620	9.4	152516.8	-5505.2
6621	8.6	152517.8	-5518.1
6622	10.0	152536.3	-5528.4
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6624	9.4	152553.8	-5515.2
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6650	10.0	152905.6	-5500.5
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-55 6699 15h37m

-55 7058 15h56m

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7823	9.0	165304.5	-5503.2	7913	10.0	165931.0	-5507.2	8003	10.0	170721.0	-5528.2
7824	10.1	165309.0	-5554.8	7914	10.1	165937.0	-5553.8	8004	9.4	170732.0	-5512.8
7825	10.1	165310.5	-5531.5	7915	10.1	165939.5	-5530.6	8005	10.1	170737.5	-5558.8
7826	10.1	165311.0	-5506.8	7916	9.3	165939.5	-5512.2	8006	9.8	170741.0	-5530.9
7827	10.1	165316.5	-5537.9	7917	9.8	165950.5	-5559.0	8007	10.1	170741.5	-5517.2
7828	10.0	165323.5	-5551.5	7918	10.0	165952.0	-5534.0	8008	10.0	170749.0	-5551.0
7829	10.1	165323.9	-5500.6	7919	9.4	170013.0	-5556.2	8009	10.1	170754.5	-5539.1
7830	10.1	165333.0	-5508.0	7920	9.6	170014.5	-5533.9	8010	9.2	170801.0	-5540.7
7831	9.8	165333.0	-5541.8	7921	10.1	170023.2	-5502.3	8011	10.0	170803.5	-5548.5
7832	9.8	165337.5	-5547.8	7922	10.0	170023.5	-5529.8	8012	10.1	170805.0	-5533.0
7833	9.5	165338.0	-5545.2	7923	10.1	170053.3	-5559.9	8013	10.1	170808.5	-5511.7
7834	10.0	165347.5	-5512.0	7924	10.1	170053.5	-5532.7	8014	10.0	170811.0	-5513.6
7835	9.4	165352.0	-5534.2	7925	10.1	170054.5	-5531.2	8015	10.1	170816.0	-5542.6
7836	10.0	165353.5	-5538.3	7926	9.6	170056.5	-5545.8	8016	10.1	170816.5	-5529.0
7837	10.1	165356.0	-5520.1	7927	10.1	170057.5	-5536.8	8017	10.1	170819.0	-5543.9
7838	10.1	165358.5	-5506.6	7928	9.8	170109.5	-5538.3	8018	10.0	170823.6	-5504.3
7839	10.1	165400.0	-5535.2	7929	10.0	170116.0	-5541.4	8019	9.0	170825.5	-5530.2
7840	10.1	165401.5	-5545.9	7930	9.6	170120.5	-5513.2	8020	9.6	170834.5	-5529.9
7841	7.8	165402.2	-5523.5	7931	8.2	170130.5	-5528.0	8021	10.1	170836.0	-5517.5
7842	9.5	165402.5	-5529.3	7932	10.1	170130.5	-5506.1	8022	9.8	170838.5	-5545.6
7843	10.1	165404.0	-5529.8	7933	10.0	170135.5	-5503.1	8023	10.1	170839.5	-5542.9
7844	10.0	165411.0	-5513.9	7934	9.6	170144.8	-5559.2	8024	10.1	170842.0	-5509.3
7845	10.1	165412.5	-5539.5	7935	10.0	170145.0	-5503.1	8025	8.8	170845.2	-5501.4
7846	10.1	165413.0	-5540.6	7936	10.0	170150.5	-5557.7	8026	9.6	170847.0	-5537.7
7847	9.6	165415.5	-5508.9	7937	10.1	170155.5	-5516.4	8027	10.1	170850.5	-5518.2
7848	9.6	165422.5	-5513.7	7938	9.0	170157.5	-5503.8	8028	9.6	170851.0	-5530.0
7849	10.1	165433.5	-5542.9	7939	8.6	170201.0	-5513.8	8029	10.1	170859.5	-5535.1
7850	9.6	165436.0	-5514.1	7940	10.1	170209.5	-5550.2	8030	9.4	170904.5	-5533.3
7851	9.0	165454.5	-5557.6	7941	10.1	170217.5	-5535.4	8031	9.3	170909.5	-5556.0
7852	9.4	165454.5	-5510.2	7942	10.0	170222.0	-5535.1	8032	8.1	170910.5	-5545.4
7853	10.1	165500.0	-5543.9	7943	10.0	170223.5	-5506.3	8033	9.8	170910.5	-5520.0
7854	10.1	165507.5	-5533.9	7944	9.0	170234.0	-5533.2	8034	9.6	170928.6	-5559.1
7855	9.8	165507.5	-5511.3	7945	10.0	170240.5	-5518.7	8035	10.1	170935.0	-5508.2
7856	10.0	165507.5	-5555.1	7946	9.6	170247.0	-5552.9	8036	9.8	170959.0	-5541.9
7857	9.0	165513.0	-5505.9	7947	9.0	170249.5	-5527.3	8037	10.1	171008.0	-5500.6
7858	10.1	165514.5	-5553.3	7948	8.8	170252.0	-5514.1	8038	9.8	171010.2	-5502.8
7859	9.2	165531.0	-5543.9	7949	9.5	170253.0	-5549.2	8039	10.0	171013.0	-5536.2
7860	10.1	165533.0	-5553.9	7950	9.5	170253.0	-5522.5	8040	10.0	171018.5	-5552.2
7861	9.6	165548.5	-5534.7	7951	10.0	170258.5	-5545.0	8041	10.1	171023.8	-5559.1
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7864	10.1	165613.0	-5506.1	7954	10.0	170309.5	-5542.8	8044	10.1	171034.5	-5533.7
7865	8.1	165616.5	-5530.3	7955	10.1	170311.0	-5540.0	8045	8.4	171036.1	-5557.8
7866	10.0	165623.5	-5534.0	7956	10.1	170321.5	-5538.7	8046	10.0	171048.0	-5513.6
7867	9.2	165628.0	-5533.1	7957	10.1	170323.5	-5509.1	8047	10.1	171057.0	-5528.9
7868	7.9	165637.0	-5551.9	7958	10.0	170324.2	-5550.1	8048	10.1	171108.5	-5525.8
8049	10.1	171109.2	-5502.8								
8050	9.0	171111.0	-5537.6								
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8052	9.2	171118.5	-5501.8								
8053	10.1	171125.0	-5528.2								
8054	10.0	171140.5	-5521.5								
8055	8.8	171206.2	-5502.2								
8056	9.6	171206.5	-5534.4								
8057	9.4	171207.8	-5559.4								
8058	9.8	171210.5	-5509.3								
8059	10.1	171214.8	-5557.9								
8060	10.0	171222.5	-5558.4								
8061	9.5	171226.5	-5546.1								
8062	10.0	171227.5	-5503.6								
8063	10.1	171232.5	-5530.5								
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8069	10.1	171300.0	-5557.0								
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8071	10.1	171303.1	-5559.5								
8072	10.0	171305.0	-5531.2								
8073	9.4	171309.5	-5536.2								
8074	10.1	171314.0	-5512.9								
8075	10.1	171317.0	-5512.8								
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8080	8.8	171336.0	-5526.7								
8081	9.5	171344.0	-5513.4								
8082	9.8	171344.0	-5555.9								
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8097	10.1	171444.5	-5544.6								
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8099	9.1	171451.5	-5552.3								
8100	6.2	171454.5	-5524.5								
8101	9.8	171456.0	-5551.1								
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8103	9.1	171500.0	-5557.1								
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8130	9.6	171658.5	-5536.8								
8131	9.6	171715.5	-5539.9								
8132	9.6	171720.5	-5541.6								
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8135	10.1	171738.5	-5513.0								
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8137	9.3	171754.5	-5551.0								
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8139	10.0	171759.5	-5543.9	8229	8.0	172634.7	-5503.2	8319	10.1	173840.2	-5533.9	8409	9.5	175019.5	-5548.6
8140	10.1	171804.5	-5539.0	8230	10.1	172637.7	-5509.0	8320	10.0	173852.4	-5501.5	8410	10.0	175023.5	-5508.0
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8143	10.1	171817.5	-5548.5	8233	10.0	172700.7	-5544.1	8323	10.1	173917.7	-5518.7	8413	10.1	175028.0	-5519.6
8144	7.4	171819.0	-5503.6	8234	9.6	172712.2	-5537.9	8324	9.6	173922.2	-5527.3	8414	10.1	175030.5	-5508.0
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8146	8.6	171831.0	-5543.5	8236	10.0	172739.7	-5552.5	8326	9.6	173942.2	-5542.7	8416	10.1	175041.5	-5549.2
8147	9.8	171833.0	-5545.7	8237	9.6	172742.2	-5512.0	8327	10.1	173950.2	-5545.9	8417	10.1	175043.5	-5558.3
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8151	10.0	171843.0	-5514.4	8241	10.0	172823.7	-5515.7	8331	9.1	174025.7	-5534.9	8421	9.8	175057.5	-5519.6
8152	9.6	171855.5	-5519.8	8242	10.0	172826.2	-5509.3	8332	8.8	174028.7	-5508.1	8422	10.1	175101.0	-5553.4
8153	10.1	171858.5	-5502.9	8243	8.6	172837.2	-5530.0	8333	9.8	174045.7	-5533.5	8423	10.1	175104.5	-5538.4
8154	9.4	171907.3	-5558.9	8244	10.1	172842.5	-5559.5	8334	10.0	174048.2	-5503.7	8424	10.1	175115.2	-5532.6
8155	8.5	171909.5	-5555.9	8245	9.8	172909.2	-5518.3	8335	9.8	174050.2	-5520.1	8425	10.1	175117.0	-5545.0
8156	10.1	171909.5	-5505.2	8246	9.4	172919.2	-5501.8	8336	10.1	174055.2	-5559.3	8426	10.1	175131.4	-5545.5
8157	9.8	171915.5	-5512.7	8247	10.1	172925.7	-5504.6	8337	10.0	174110.0	-5518.1	8427	10.1	175143.9	-5513.9
8158	9.6	171926.6	-5512.8	8248	9.8	172929.7	-5538.2	8338	10.0	174111.0	-5524.6	8428	10.0	175145.2	-5519.0
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8160	10.1	171937.0	-5508.2	8250	9.2	172932.2	-5523.8	8340	9.6	174142.0	-5537.1	8430	9.8	175156.9	-5537.3
8161	10.1	171944.0	-5553.5	8251	10.0	172933.7	-5540.4	8341	10.0	174144.5	-5528.7	8431	9.8	175201.9	-5524.9
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8163	9.8	171946.5	-5511.0	8253	10.0	172946.2	-5528.5	8343	10.1	174203.0	-5552.8	8433	9.4	175213.2	-5511.0
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8165	10.1	171951.9	-5508.8	8255	10.0	172953.2	-5529.0	8345	9.6	174238.5	-5534.6	8435	9.4	175219.9	-5535.8
8166	9.3	171952.1	-5548.7	8256	10.0	172953.2	-5530.7	8346	9.4	174243.0	-5517.7	8436	9.5	175224.4	-5550.1
8167	10.0	171953.4	-5500.5	8257	10.0	173020.7	-5521.6	8347	9.4	174304.5	-5506.7	8437	9.3	175233.7	-5539.4
8168	10.1	171954.0	-5525.1	8258	9.8	173023.7	-5554.1	8348	10.0	174306.5	-5518.0	8438	8.9	175243.4	-5549.0
8169	9.6	171954.3	-5555.1	8259	9.2	173038.7	-5501.9	8349	9.0	174322.5	-5516.0	8439	9.0	175245.4	-5541.3
8170	9.8	171958.9	-5536.0	8260	10.0	173055.2	-5518.2	8350	9.5	174326.0	-5559.9	8440	9.8	175252.4	-5540.7
8171	10.1	172005.0	-5545.4	8261	9.8	173109.7	-5551.1	8351	9.8	174333.5	-5540.1	8441	9.8	175303.9	-5541.2
8172	9.3	172008.6	-5533.3	8262	9.8	173111.7	-5510.1	8352	10.1	174341.0	-5549.5	8442	9.4	175311.9	-5533.8
8173	10.1	172010.0	-5547.8	8263	9.6	173140.2	-5537.2	8353	9.6	174341.0	-5522.8	8443	9.4	175312.2	-5558.4
8174	9.4	172012.6	-5537.7	8264	8.8	173142.2	-5552.1	8354	10.0	174347.5	-5516.7	8444	9.5	175322.4	-5552.0
8175	10.1	172016.0	-5513.8	8265	10.0	173200.7	-5512.2	8355	9.5	174400.0	-5536.5	8445	8.9	175326.9	-5507.6
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8178	10.1	172027.5	-5540.9	8268	7.8	173226.7	-5533.5	8358	9.1	174421.5	-5514.7	8448	9.6	175337.9	-5538.7
8179	9.8	172030.9	-5521.5	8269	9.4	173237.2	-5519.1	8359	10.1	174424.5	-5502.8	8449	9.1	175353.9	-5543.0
8180	10.0	172032.6	-5500.0	8270	9.4	173246.2	-5537.1	8360	9.8	174442.0	-5506.6	8450	9.8	175354.4	-5508.6
8181	10.1	172033.0	-5520.2	8271	10.0	173247.2	-5533.9	8361	9.5	174442.0	-5506.7	8451	9.6	175402.9	-5540.8
8182	10.0	172035.9	-5530.8	8272	10.1	173252.7	-5547.8	8362	9.2	174459.5	-5539.2	8452	9.8	175402.9	-5519.8
8183	10.0	172039.0	-5523.0	8273	9.8	173305.2	-5533.4	8363	10.0	174504.0	-5500.7	8453	9.7	175403.9	-5542.5
8184	8.2	172043.0	-5538.2	8274	9.4	173329.2	-5523.0	8364	9.0	174513.0	-5541.1	8454	8.0	175407.4	-5534.0
8185	10.0	172045.5	-5547.9	8275	9.8	173331.2	-5522.8	8365	10.0	174522.5	-5558.0	8455	9.6	175413.9	-5550.2
8186	10.1	172052.2	-5531.4	8276	8.0	173336.2	-5524.5	8366	9.8	174537.5	-5556.9	8456	9.8	175413.9	-5514.0
8187	10.0	172102.2	-5518.2	8277	10.1	173341.2	-5505.4	8367	9.8	174538.0	-5504.7	8457	9.5	175419.4	-5500.4
8188	8.8	172127.7	-5520.8	8278	9.2	173350.5	-5501.0	8368	9.6	174544.5	-5550.9	8458	9.8	175422.9	-5500.7
8189	9.8	172139.7	-5503.0	8279	9.4	173412.2	-5518.2	8369	9.2	174546.0	-5510.3	8459	9.4	175427.4	-5534.7
8190	10.1	172153.7	-5542.9	8280	9.1	173417.2	-5537.3	8370	9.5	174550.0	-5534.4	8460	8.0	175428.9	-5552.2
8191	10.1	172154.2	-5501.2	8281	10.1	173423.7	-5508.0	8371	9.6	174605.5	-5508.1	8461	9.2	175436.4	-5529.6
8192	9.4	172157.2	-5531.0	8282	9.0	173432.2	-5525.5	8372	10.1	174630.0	-5555.7	8462	9.8	175440.4	-5548.4
8193	10.1	172212.7	-5525.4	8283	10.1	173439.7	-5540.8	8373	9.5	174637.5	-5510.4	8463	9.7	175443.4	-5511.2
8194	10.0	172216.2	-5539.9	8284	9.6	173458.2	-5556.0	8374	10.1	174640.0	-5545.0	8464	9.8	175444.9	-5509.0
8195	9.0	172229.7	-5530.2	8285	9.8	173505.2	-5533.4	8375	7.3	174648.0	-5521.3	8465	9.8	175446.7	-5504.5
8196	9.8	172245.2	-5512.6	8286	10.1	173506.7	-5513.0	8376	9.8	174702.5	-5549.7	8466	9.6	175452.4	-5527.8
8197	9.4	172245.9	-5500.4	8287	9.1	173513.5	-5501.8	8377	10.1	174706.0	-5547.2	8467	9.4	175452.4	-5523.5
8198	10.1	172300.2	-5508.2	8288	10.0	173516.7	-5515.5	8378	9.8	174708.0	-5525.3	8468	9.8	175452.4	-5511.5
8199	10.1	172308.9	-5501.2	8289	9.8	173519.0	-5559.1	8379	10.0	174708.5	-5533.2	8469	9.4	175452.9	-5512.8
8200	8.8	172312.7	-5522.6	8290	10.1	173533.2	-5503.3	8380	9.6	174712.0	-5523.1	8470	9.8	175453.9	-5513.2
8201	9.2	172322.2	-5552.8	8291	7.6	173600.2	-5545.5	8381	9.8	174724.5	-5501.6	8471	9.8	175458.9	-5540.0
8202	9.0	172328.2	-5516.7	8292	10.1	173614.5	-5501.4	8382	10.1	174730.5	-5537.4	8472	9.0	175458.9	-5521.3
8203	9.2	172329.2	-5528.0	8293	10.1	173618.2	-5510.1	8383	8.8	174732.0	-5526.6	8473	9.8	175502.9	-5518.6
8204	10.0	172339.7	-5520.6	8294	10.0	173619.2	-5504.1	8384	9.1	174732.5	-5552.2	8474	9.7	175516.4	-5509.6
8205	9.0	172342.2	-5505.4	8295	8.8	173621.0	-5558.0	8385	10.1	174746.5	-5548.2	8475	9.7	175518.4	-5551.8
8206	9.8	172357.2	-5540.2	8296	10.1	173624.2	-5514.9	8386	9.8	174749.5	-5502.3	8476	9.8	175534.9	-5508.2
8207	10.0	172403.2	-5541.0	8297	9.6	173625.7	-5535.0	8387	10.1	174759.5	-5547.3	8477	8.4	175535.9	-5527.7
8208	8.4	172410.2	-5505.2	8298	9.6	173626.7	-5533.0	8388	8.2	174801.0	-5508.5	8478	9.7	175539.9	-5529.5
8209	9.6	172413.2	-5554.4	8299	9.8	173636.2	-5532.2	8389	10.0	174806.0	-5505.5	8479	9.8	175540.4	-5517.0
8210	9.1	172416.7	-5545.8	8300	10.1	173638.7	-5502.3	8390	10.1	174806.8	-5500.6	8480	9.8	175559.4	-5540.6
8211	10.0	172418.7	-5520.1	8301	10.0	173653.0	-5558.1	8391	10.1	174813.5	-5543.7	8481	9.8	175603.9	-5533.9
8212	9.6	172422.7	-5545.9	8302	9.1	173656.7	-5523.0	8392	10.1	174814.5	-5513.5	8482	9.8	175612.4	-5511.7
8213	10.0	172434.2	-5515.4	8303	9.5	173702.7	-5522.9	8393	9.5	174815.5	-5525.3	8483	9.6	175614.4	-5541.2
8214	10.0	172452.2	-5536.1	8304	8.8	173711.2	-5544.0	8394	10.1	174820.5	-5515.1	8484	9.8	175618.4	-5530.8
8215	9.8	172453.2	-5529.5	8305	9.4	173713.7	-5558.2	8395	9.2	174828.5	-5523.4	8485	9.4	175624.4	-5532.4
8216	8.4	172502.2	-5540.4	8306	10.0	173737.2	-5522.9	8396	10.1	174829.0	-5510.3	8486	9.2	175624.9	-5525.9
8217	10.1	172519.7	-5512.2	8307	10.0	173737.7	-5538.2	8397	8.4	174844.5	-5528.6	8487	9.4	175628.9	-5541.5
8218	9.8	172527.2	-5555.8	8308	10.0	173738.7	-5513.2	8398	10.0	174844.5	-5531.0	8488	9.8	175637.4	-5511.9
8219	10.0	172533.2	-5521.8	8309	9.4	173742.7	-5508.5	8399	9.6	174854.0	-5554.8	8489	9.0	175638.9	-5528.9
8220	9.6	172540.2	-5558.6	8310	8.4	173755.7	-5544.3	8400	10.1	174913.5	-5555.1	8490	9.5	175651.4	-5503.0
8221	9.2	172542.7	-5532.3	8311	8.4	173809.7	-5518.1	8401	10.0	174914.5	-5541.1	8491	9.4	175702.4	-5517.8
8222	9.2	172545.2	-5532.5	8312	7.1	173813.7	-5521.1	8402	9.6	174931.0	-5546.0	8492	9.8	175708.4	-5533.7
8223	9.5	172553.7	-5519.0	8313	9.4	173814.7	-5522.5	8403	10.1	174932.0	-5554.4	8493	9.8	175711.4	-5527.3
8224	10.0	172604.2	-5552.8	8314	9.4	173817.2	-5534.1	8404	9.4	174938.0	-5537.0	8494	9.7	175715.4	-5523.6
8225	10.1	172605.2	-5547.6	8315	10.0	173820.8	-5559.5	8405	9.6	174939.0	-5523.4	8495	9.4	175716.4	-5533.9
8226	9.4	172617.2	-5519.3	8316	9.8	173821.7	-5504.1	8406	9.2	174949.0	-5553.4	8496	9.8	175719.9	-5550.1
8227	9.4	172627.2	-5545.1	8317	10.1	173838.2	-5504.4	8407	9.8	175017.0	-5524.2	8497	9.2	175722.4	-5545.3
8228	9.6	172633.7	-5547.1	8318	10.0	173839.7	-5505.3	8408	8.8	175018.4	-5502.0	8498	9.8	175728.9	-5522.1

-55 8499 17h57m

-55 8858 18h37m

8499	9.8	175728.9	-5517.1	8589	9.8	180707.4	-5504.0	8679	9.5	181702.4	-5529.4
8500	9.4	175730.9	-5549.3	8590	9.3	180709.4	-5512.8	8680	9.3	181707.9	-5548.3
8501	9.7	175734.9	-5536.9	8591	9.8	180712.7	-5537.9	8681	9.8	181718.9	-5558.5
8502	9.6	175737.9	-5527.0	8592	9.3	180737.4	-5554.7	8682	9.8	181728.4	-5518.1
8503	8.1	175747.4	-5542.1	8593	9.7	180744.4	-5525.1	8683	9.8	181735.9	-5549.7
8504	9.4	175757.9	-5514.9	8594	9.4	180744.6	-5500.6	8684	9.5	181741.9	-5518.3
8505	9.8	175806.4	-5540.8	8595	9.8	180751.9	-5536.1	8685	9.8	181748.9	-5501.0
8506	9.8	175808.1	-5558.9	8596	9.8	180753.9	-5554.6	8686	8.9	181756.4	-5520.7
8507	9.8	175808.9	-5537.5	8597	9.6	180755.4	-5523.1	8687	9.8	181808.4	-5525.4
8508	9.8	175811.4	-5521.5	8598	9.4	180757.9	-5553.8	8688	9.8	181812.8	-5558.2
8509	9.8	175814.9	-5505.9	8599	9.8	180803.9	-5539.1	8689	9.8	181823.4	-5508.2
8510	9.8	175820.2	-5502.0	8600	9.4	180812.9	-5515.2	8690	9.8	181836.4	-5512.0
8511	9.3	175823.4	-5502.8	8601	9.8	180829.4	-5542.9	8691	9.8	181842.4	-5553.0
8512	9.4	175843.9	-5514.3	8602	9.8	180834.4	-5533.4	8692	9.0	181853.4	-5500.1
8513	9.3	175845.4	-5524.4	8603	9.8	180845.4	-5526.9	8693	9.0	181857.9	-5505.9
8514	9.8	175849.9	-5536.3	8604	9.8	180856.4	-5511.9	8694	9.4	181857.9	-5505.1
8515	9.8	175852.4	-5507.3	8605	9.4	180906.4	-5538.5	8695	9.7	181858.9	-5548.1
8516	9.8	175853.9	-5555.7	8606	9.4	180911.4	-5515.1	8696	9.5	181915.9	-5525.2
8517	9.4	175902.4	-5521.4	8607	9.8	180918.4	-5551.0	8697	9.8	181920.4	-5558.1
8518	9.4	175903.9	-5528.5	8608	9.6	180919.4	-5508.2	8698	9.8	181934.4	-5544.1
8519	9.8	175903.9	-5530.9	8609	9.7	180921.4	-5558.1	8699	9.4	181943.9	-5543.0
8520	9.6	175905.4	-5554.0	8610	9.8	180924.8	-5557.9	8700	9.4	181947.9	-5518.0
8521	9.6	175909.8	-5502.9	8611	9.6	180928.9	-5518.8	8701	9.6	181953.9	-5554.6
8522	9.5	175910.4	-5516.5	8612	9.8	180942.9	-5557.4	8702	9.4	182006.1	-5559.5
8523	9.8	175912.4	-5526.5	8613	9.1	180944.4	-5545.9	8703	9.4	182018.9	-5547.2
8524	9.8	175922.4	-5513.5	8614	9.4	180948.9	-5518.0	8704	9.0	182033.4	-5537.6
8525	9.8	175923.9	-5516.9	8615	9.7	181002.4	-5534.7	8705	9.8	182033.9	-5505.0
8526	9.6	175924.4	-5503.3	8616	9.8	181017.4	-5507.8	8706	9.8	182035.9	-5532.1
8527	9.3	175936.4	-5510.2	8617	9.6	181020.9	-5554.5	8707	9.8	182037.9	-5500.4
8528	9.8	175953.9	-5551.3	8618	9.5	181028.9	-5507.9	8708	9.8	182052.9	-5523.0
8529	9.8	180001.4	-5503.3	8619	9.6	181048.9	-5537.6	8709	9.4	182054.9	-5536.3
8530	9.8	180008.9	-5548.7	8620	9.6	181050.4	-5515.3	8710	9.4	182055.4	-5536.5
8531	9.1	180017.4	-5544.9	8621	9.8	181102.9	-5539.7	8711	9.4	182102.4	-5517.8
8532	9.6	180042.4	-5505.9	8622	9.7	181106.9	-5508.1	8712	9.5	182117.9	-5534.1
8533	9.8	180042.4	-5536.7	8623	9.8	181109.4	-5514.2	8713	9.6	182119.9	-5530.8
8534	9.8	180100.4	-5537.8	8624	9.6	181109.4	-5549.8	8714	9.8	182123.9	-5518.5
8535	9.8	180106.6	-5501.2	8625	9.8	181112.4	-5552.2	8715	9.2	182124.4	-5519.0
8536	8.1	180117.4	-5522.8	8626	9.3	181120.4	-5528.9	8716	9.8	182147.4	-5519.4
8537	9.8	180130.4	-5504.9	8627	9.7	181136.9	-5554.1	8717	9.4	182200.9	-5516.8
8538	8.5	180152.9	-5541.7	8628	9.6	181137.9	-5534.1	8718	9.8	182206.0	-5513.9
8539	8.5	180153.9	-5530.8	8629	8.0	181140.9	-5536.9	8719	9.2	182228.9	-5549.0
8540	9.8	180217.7	-5549.8	8630	8.2	181141.4	-5537.5	8720	9.2	182229.9	-5511.9
8541	9.7	180219.4	-5540.2	8631	9.8	181144.4	-5517.3	8721	9.4	182240.9	-5536.6
8542	9.6	180223.9	-5547.1	8632	9.7	181146.4	-5543.1	8722	9.7	182246.4	-5537.0
8543	8.5	180233.4	-5512.5	8633	9.8	181152.9	-5526.5	8723	9.8	182306.4	-5523.6
8544	9.8	180236.9	-5515.6	8634	9.7	181208.4	-5538.9	8724	9.7	182330.4	-5543.7
8545	8.2	180238.4	-5538.1	8635	9.8	181210.9	-5534.2	8725	9.8	182353.4	-5550.0
8546	9.1	180243.6	-5500.5	8636	9.8	181214.4	-5534.2	8726	9.6	182403.4	-5533.3
8547	9.5	180245.4	-5504.3	8637	9.0	181251.4	-5557.0	8727	9.4	182406.9	-5515.2
8548	9.4	180254.9	-5507.1	8638	9.7	181251.4	-5546.7	8728	9.6	182409.9	-5530.7
8549	9.5	180300.4	-5520.6	8639	9.4	181252.9	-5528.1	8729	9.6	182421.4	-5504.8
8550	9.8	180320.4	-5505.9	8640	9.8	181303.9	-5541.5	8730	9.4	182421.9	-5530.7
8551	9.8	180323.9	-5510.7	8641	9.6	181307.4	-5534.2	8731	9.6	182424.9	-5524.6
8552	9.7	180333.9	-5525.4	8642	9.8	181308.9	-5522.6	8732	10.0	182438.4	-5555.4
8553	9.4	180338.4	-5540.5	8643	9.6	181315.9	-5545.3	8733	10.0	182442.9	-5508.8
8554	9.7	180343.4	-5532.0	8644	9.8	181321.4	-5517.3	8734	8.2	182443.4	-5540.3
8555	9.8	180351.4	-5533.9	8645	9.8	181323.9	-5543.7	8735	9.4	182448.1	-5558.7
8556	9.6	180351.9	-5539.3	8646	9.8	181348.9	-5553.5	8736	10.0	182448.4	-5514.7
8557	9.8	180355.4	-5534.1	8647	8.5	181353.4	-5506.4	8737	10.0	182450.9	-5525.2
8558	9.8	180405.9	-5519.1	8648	9.8	181356.4	-5533.4	8738	8.9	182451.9	-5514.2
8559	9.8	180411.9	-5521.2	8649	9.3	181356.4	-5516.7	8739	8.9	182453.4	-5518.8
8560	9.6	180417.4	-5529.2	8650	9.4	181358.9	-5528.9	8740	9.9	182502.4	-5546.1
8561	9.7	180431.9	-5524.3	8651	9.8	181359.4	-5538.6	8741	9.4	182510.9	-5526.9
8562	9.8	180432.9	-5555.9	8652	9.0	181400.4	-5539.0	8742	9.6	182523.9	-5508.5
8563	9.0	180432.9	-5559.1	8653	9.8	181401.4	-5518.0	8743	9.4	182544.4	-5545.9
8564	9.2	180433.9	-5507.0	8654	9.8	181404.9	-5548.3	8744	9.5	182550.4	-5524.7
8565	9.6	180438.9	-5518.1	8655	9.8	181406.9	-5548.7	8745	9.6	182558.2	-5522.0
8566	9.8	180440.9	-5516.9	8656	9.7	181411.4	-5519.8	8746	10.0	182604.9	-5515.0
8567	9.8	180445.9	-5505.9	8657	9.8	181416.4	-5536.0	8747	9.0	182606.3	-5544.0
8568	9.2	180450.4	-5507.9	8658	8.5	181417.4	-5501.0	8748	9.9	182606.3	-5502.5
8569	9.8	180450.9	-5558.7	8659	9.8	181423.9	-5549.0	8749	10.0	182610.8	-5522.6
8570	9.4	180512.9	-5553.2	8660	8.5	181423.9	-5509.2	8750	9.8	182640.8	-5507.0
8571	9.5	180513.4	-5509.0	8661	9.2	181503.4	-5518.3	8751	9.6	182643.3	-5531.3
8572	8.0	180522.9	-5523.2	8662	9.8	181522.9	-5525.1	8752	10.0	182645.8	-5551.7
8573	9.8	180533.9	-5552.9	8663	9.8	181525.4	-5519.1	8753	9.4	182650.3	-5517.4
8574	9.8	180543.3	-5522.9	8664	9.5	181530.4	-5508.1	8754	9.9	182653.8	-5541.0
8575	9.2	180543.9	-5513.6	8665	9.7	181532.4	-5550.0	8755	9.6	182659.3	-5550.5
8576	9.8	180544.9	-5533.9	8666	9.4	181532.9	-5509.7	8756	9.5	182703.8	-5520.2
8577	9.8	180550.4	-5502.4	8667	9.4	181534.4	-5534.4	8757	9.6	182710.8	-5521.6
8578	9.7	180556.9	-5545.1	8668	9.7	181553.9	-5533.9	8758	9.6	182721.8	-5525.2
8579	9.8	180600.9	-5550.5	8669	9.7	181600.9	-5557.6	8759	9.6	182723.0	-5501.1
8580	9.8	180601.9	-5557.0	8670	9.8	181601.4	-5524.9	8760	9.6	182725.3	-5526.1
8581	9.7	180603.4	-5529.1	8671	9.8	181604.3	-5501.2	8761	9.6	182726.8	-5529.5
8582	9.7	180603.9	-5501.2	8672	9.8	181617.1	-5500.2	8762	9.6	182727.8	-5508.9
8583	9.7	180621.9	-5528.2	8673	9.3	181628.9	-5536.8	8763	8.8	182728.0	-5559.5
8584	9.4	180631.4	-5529.2	8674	9.4	181642.4	-5516.0	8764	9.6	182735.3	-5510.6
8585	9.4	180632.1	-5558.2	8675	9.8	181642.4	-5556.2	8765	9.2	182744.8	-5514.9
8586	9.8	180645.4	-5545.4	8676	9.8	181645.0	-5538.1	8766	9.9	182753.3	-5505.2
8587	9.6	180655.9	-5559.1	8677	9.4	181646.4	-5513.3	8767	9.8	182756.8	-5506.9
8588	9.8	180657.4	-5541.7	8678	9.2	181657.9	-5514.5	8768	10.0	182802.8	-5537.5
8769	9.6	182813.3	-5503.0								
8770	9.6	182827.8	-5553.6								
8771	9.4	182845.0	-5559.0								
8772	9.2	182845.3	-5517.9								
8773	10.0	182901.8	-5538.3								
8774	9.2	182903.3	-5531.4								
8775	8.7	182908.8	-5524.5								
8776	10.0	182913.8	-5500.2								
8777	10.0	182929.3	-5529.0								
8778	9.1	182930.8	-5524.1								
8779	8.6	182938.0	-5542.0								
8780	9.1	182938.5	-5546.9								
8781	10.0	182945.0	-5509.1								
8782	9.6	183035.9	-5501.7								
8783	9.8	183042.0	-5546.0								
8784	9.8	183054.0	-5544.3								
8785	9.6	183121.0	-5535.2								
8786	9.9	183121.0	-5520.4								
8787	9.1	183124.0	-5521.7								
8788	9.4	183129.0	-5539.1								
8789	8.8	183130.0	-5524.7								
8790	9.4	183132.5	-5521.1								
8791	9.4	183145.5	-5540.8								
8792	9.6	183146.0	-5535.6								
8793	9.4	183146.0	-5502.0								
8794	10.0	183146.5	-5548.9								
8795	9.4	183159.0	-5544.8								
8796	9.6	183159.5	-5519.4								
8797	9.4	183159.5	-5547.5								
8798	9.2	183201.0	-5556.1								
8799	9.9	183206.0	-5519.0								
8800	9.5	183213.7	-5557.6								
8801	8.4	183221.0	-5503.7								
8802	10.0	183230.0	-5532.9								
8803	9.9	183243.0	-5513.0								
8804	10.0	183250.0	-5500.4								
8805	8.3	183250.0	-5507.6								
8806	9.4	183258.0	-5553.3								
8807	8.1	183300.0	-5552.8								
8808	9.4	183311.5	-5538.7								
8809	10.0	183314.5	-5505.4								
8810	9.8	183318.0	-5554.1								
8811	8.5	183324.0	-5521.9								
8812	9.9	183329.0	-5533.6								
8813	9.4	183344.5	-5509.3								
8814	9.4	183346.0	-5507.3								
8815	9.4	183352.5	-5538.9								
8816	10.0	183359.0	-5516.4								
8817	9.4	183403.5	-5509.8								
8818	9.4	183413.0	-5527.1								
8819	9.5	183417.0	-5542.3								
8820	9.8	183419.0	-5513.9								
8821	8.9	183425.5	-5534.0								
8822	10.0	183426.0	-5510.0								
8823	10.0	183428.5	-5532.3								
8824	10.0	183429.5	-5514.5								
8825	9.2	183437.0	-5559.7								
8826	9.6	183448.5	-5535.9								
8827	10.0	183449.4	-5559.5								
8828	9.6	183500.0	-5533.4								
8829	9.9	183501.5	-5540.1								
8830	9.1	183511.5	-5520.6								
8831	9.4	183517.0	-5526.3								
8832	10.0	183522.0	-5553.1								
8833	9.8	183528.5	-5517.0								
8834	9.4	183533.0	-5534.9								
8835	10.0	183551.5	-5553.3								
8836	8.8	183553.0	-5507.2								
8837	10.0	183559.5	-5529.1								
8838	9.9	183602.0	-5543.2								
8839	9.1	183609.5	-5518.2								
8840	8.8	183610.0	-5517.7								
8841	9.9	183613.0	-5537.1								
8842	10.0	183613.5	-5535.5								
8843	10.0	183617.0	-5528.7								
8844	9.2	183634.0	-5510.6								
8845	10.0	183636.0	-5553.2								
8846	10.0	183650.0	-5555.0								
8847	9.8	183652.0	-5515.7								
8848	9.4	183700.5	-5535.2								
8849	9.4	183703.5	-5501.1								
8850	10.0	183708.5	-5525.1								
8851	8.8	183720.0	-5512.2								
8852	8.8	183730.0	-5544.4								
8853	10.0	183731.0	-5518.0								
8854	9.6	183736.0	-5536.9								
8855	10.0	183738.5	-5529.9								
8856	9.6	183740.0	-5550.3								
8857	9.8	183743.5	-5538.6								
8858	9.6	183750.5	-5542.6								

-55 8859 18h38m

-55 9218 19h42m

8859	9.4	183804.5	-5531.7	8949	9.9	185033.5	-5549.9	9039	9.2	190742.9	-5540.8
8860	10.0	183825.0	-5555.5	8950	9.5	185037.0	-5501.6	9040	10.3	190744.9	-5512.1
8861	9.6	183825.5	-5530.3	8951	10.0	185040.0	-5507.6	9041	9.8	190802.4	-5549.5
8862	9.9	183823.5	-5531.7	8952	8.4	185107.5	-5516.0	9042	8.8	190802.9	-5539.7
8863	9.8	183830.0	-5511.3	8953	8.4	185121.0	-5548.6	9043	10.3	190823.4	-5520.9
8864	9.5	183847.0	-5516.2	8954	9.9	185122.5	-5526.3	9044	9.8	190828.4	-5510.6
8865	10.0	183855.0	-5518.9	8955	9.6	185124.0	-5554.5	9045	9.6	190853.4	-5538.1
8866	9.6	183912.0	-5518.4	8956	9.8	185144.5	-5505.8	9046	9.4	190908.9	-5534.6
8867	9.4	183916.0	-5539.1	8957	10.0	185145.5	-5541.1	9047	9.4	190910.0	-5524.6
8868	10.0	183922.5	-5520.7	8958	9.6	185202.0	-5551.8	9048	9.2	190924.0	-5532.9
8869	9.6	183935.5	-5554.4	8959	9.2	185207.0	-5543.9	9049	10.3	190938.2	-5501.2
8870	9.8	183948.5	-5541.5	8960	9.9	185216.5	-5511.8	9050	9.6	190948.0	-5500.9
8871	9.8	184005.0	-5506.9	8961	10.0	185224.5	-5516.9	9051	10.3	191002.0	-5527.9
8872	10.0	184015.8	-5501.0	8962	10.0	185233.5	-5511.6	9052	9.8	191002.5	-5516.9
8873	10.0	184017.5	-5542.1	8963	10.0	185236.0	-5556.0	9053	10.0	191003.0	-5536.5
8874	9.6	184031.0	-5517.0	8964	9.4	185240.0	-5533.9	9054	9.4	191012.5	-5554.1
8875	10.0	184049.0	-5556.0	8965	8.4	185312.0	-5556.6	9055	9.8	191014.5	-5500.4
8876	9.2	184049.5	-5538.2	8966	9.6	185342.5	-5532.6	9056	10.3	191023.0	-5552.3
8877	10.0	184051.3	-5522.3	8967	10.0	185347.5	-5552.7	9057	9.4	191038.5	-5557.7
8878	9.9	184056.0	-5555.1	8968	9.4	185350.0	-5514.1	9058	10.3	191052.5	-5533.9
8879	9.5	184112.0	-5542.1	8969	10.0	185408.3	-5528.8	9059	9.8	191101.5	-5517.8
8880	9.6	184112.0	-5555.0	8970	9.4	185409.5	-5524.7	9060	8.0	191121.0	-5536.2
8881	9.9	184118.0	-5522.4	8971	9.5	185412.0	-5547.1	9061	10.3	191136.0	-5519.9
8882	8.3	184122.5	-5517.1	8972	9.9	185416.0	-5531.5	9062	8.4	191155.0	-5553.7
8883	9.5	184140.0	-5531.2	8973	8.7	185422.0	-5521.5	9063	10.3	191157.0	-5516.1
8884	10.0	184143.0	-5504.2	8974	9.9	185426.0	-5525.6	9064	10.3	191213.5	-5539.9
8885	10.0	184202.5	-5532.7	8975	9.4	185431.0	-5508.3	9065	9.8	191220.5	-5534.1
8886	9.2	184205.0	-5518.2	8976	9.6	185432.0	-5547.6	9066	10.2	191235.5	-5518.9
8887	8.6	184216.5	-5502.1	8977	9.4	185436.0	-5558.3	9067	10.3	191327.0	-5555.8
8888	9.4	184217.2	-5558.1	8978	8.8	185445.7	-5517.3	9068	10.3	191332.0	-5506.7
8889	9.4	184221.0	-5542.2	8979	10.0	185510.5	-5551.5	9069	10.3	191335.5	-5556.0
8890	9.4	184227.0	-5537.5	8980	9.8	185534.7	-5501.9	9070	9.6	191355.5	-5501.2
8891	9.4	184254.5	-5503.3	8981	10.0	185606.0	-5552.6	9071	9.4	191355.5	-5546.0
8892	8.5	184312.5	-5550.7	8982	9.8	185618.0	-5523.6	9072	10.3	191420.0	-5551.4
8893	9.4	184316.0	-5525.9	8983	9.9	185622.0	-5555.9	9073	7.4	191449.0	-5520.6
8894	9.6	184319.0	-5532.9	8984	9.2	185626.5	-5554.7	9074	9.4	191453.0	-5545.7
8895	10.0	184337.0	-5525.8	8985	9.6	185627.0	-5521.3	9075	10.2	191527.0	-5512.0
8896	8.6	184339.3	-5502.9	8986	10.0	185633.3	-5507.8	9076	10.0	191533.0	-5506.4
8897	9.9	184404.0	-5532.5	8987	10.0	185638.5	-5524.8	9077	10.3	191552.5	-5542.1
8898	9.6	184405.5	-5536.1	8988	9.4	185643.9	-5559.9	9078	9.2	191557.0	-5524.2
8899	9.6	184410.0	-5558.5	8989	10.3	185658.4	-5556.0	9079	8.1	191606.0	-5537.0
8900	9.2	184427.5	-5502.9	8990	9.2	185705.9	-5507.7	9080	8.1	191613.5	-5506.2
8901	9.9	184428.5	-5524.0	8991	9.2	185707.4	-5556.0	9081	9.6	191644.5	-5552.5
8902	10.0	184430.5	-5543.3	8992	10.2	185713.4	-5537.7	9082	10.2	191702.5	-5508.9
8903	10.0	184432.5	-5540.7	8993	9.4	185725.9	-5525.9	9083	7.6	191720.5	-5512.6
8904	10.0	184440.5	-5536.8	8994	10.3	185752.9	-5539.3	9084	10.2	191724.0	-5516.3
8905	10.0	184452.0	-5523.1	8995	10.0	185756.9	-5545.2	9085	10.0	191733.5	-5502.9
8906	9.6	184453.0	-5522.3	8996	9.8	185807.4	-5559.0	9086	9.6	191747.5	-5559.2
8907	9.9	184455.5	-5513.8	8997	9.2	185807.4	-5518.9	9087	9.2	191752.0	-5519.7
8908	9.4	184501.5	-5521.9	8998	9.2	185812.9	-5552.7	9088	10.3	191811.0	-5525.1
8909	9.0	184520.8	-5501.2	8999	9.2	185812.9	-5512.9	9089	9.6	191812.0	-5505.8
8910	9.9	184522.5	-5552.9	9000	10.0	185829.9	-5530.8	9090	10.3	191813.5	-5506.0
8911	9.2	184532.0	-5528.9	9001	7.2	185830.9	-5554.5	9091	10.0	191818.0	-5505.3
8912	9.6	184535.0	-5512.7	9002	9.6	185907.1	-5501.9	9092	10.3	191858.3	-5559.9
8913	10.0	184536.5	-5528.4	9003	10.3	185910.9	-5521.7	9093	8.6	191930.0	-5502.1
8914	9.9	184546.0	-5550.9	9004	9.8	185912.9	-5543.1	9094	9.2	191930.5	-5544.2
8915	8.8	184550.0	-5554.9	9005	10.3	185920.4	-5519.2	9095	10.3	191938.6	-5500.9
8916	9.4	184613.5	-5524.6	9006	9.6	185920.4	-5540.0	9096	6.6	191941.0	-5541.5
8917	10.0	184613.5	-5547.0	9007	9.8	185936.4	-5516.9	9097	10.2	191958.5	-5542.3
8918	9.9	184617.5	-5556.1	9008	9.6	185949.9	-5536.0	9098	10.0	192000.0	-5535.0
8919	9.5	184627.5	-5536.2	9009	9.4	190015.9	-5520.0	9099	10.3	192019.5	-5555.4
8920	7.7	184653.0	-5559.4	9010	9.6	190017.9	-5550.2	9100	6.8	192026.0	-5521.7
8921	9.9	184653.3	-5500.9	9011	10.3	190027.9	-5513.0	9101	10.2	192034.0	-5523.8
8922	8.8	184707.0	-5530.3	9012	9.8	190027.9	-5519.2	9102	10.3	192040.0	-5510.2
8923	9.6	184715.0	-5554.7	9013	9.8	190052.9	-5505.0	9103	9.8	192047.5	-5512.2
8924	8.0	184722.0	-5538.3	9014	10.3	190055.9	-5511.1	9104	10.2	192048.5	-5519.9
8925	10.0	184722.0	-5510.7	9015	8.4	190113.9	-5507.5	9105	9.2	192051.5	-5511.1
8926	9.6	184723.0	-5541.5	9016	10.3	190118.4	-5546.1	9106	9.4	192126.0	-5551.9
8927	10.0	184731.0	-5515.2	9017	10.3	190227.4	-5546.1	9107	9.4	192130.0	-5514.1
8928	9.6	184732.5	-5505.9	9018	8.0	190238.9	-5553.1	9108	10.3	192144.0	-5546.9
8929	9.8	184748.0	-5513.3	9019	9.8	190307.4	-5544.3	9109	9.8	192146.0	-5517.7
8930	10.0	184756.0	-5510.7	9020	10.2	190313.7	-5525.6	9110	10.3	192152.5	-5501.9
8931	9.9	184759.0	-5509.1	9021	10.3	190402.4	-5506.0	9111	9.4	192154.5	-5534.0
8932	9.0	184808.0	-5535.3	9022	9.6	190419.4	-5546.7	9112	9.6	192158.0	-5550.9
8933	9.4	184811.5	-5519.8	9023	9.6	190429.9	-5550.1	9113	10.3	192205.5	-5503.2
8934	9.4	184818.5	-5518.9	9024	9.0	190437.4	-5533.9	9114	10.2	192243.5	-5514.8
8935	8.7	184833.0	-5503.2	9025	9.2	190455.9	-5506.0	9115	9.6	192254.7	-5559.9
8936	10.0	184859.0	-5526.1	9026	9.8	190500.4	-5514.0	9116	10.2	192256.5	-5515.0
8937	10.0	184903.0	-5548.0	9027	10.3	190524.9	-5517.1	9117	10.3	192257.6	-5501.5
8938	10.0	184906.0	-5532.1	9028	10.3	190536.9	-5509.7	9118	10.3	192313.5	-5517.6
8939	10.0	184915.5	-5537.2	9029	8.0	190617.9	-5511.7	9119	10.3	192337.0	-5559.7
8940	8.9	184933.5	-5535.4	9030	9.4	190618.9	-5532.1	9120	9.4	192345.0	-5557.0
8941	9.1	184944.5	-5505.1	9031	10.3	190622.4	-5557.7	9121	9.4	192403.0	-5517.8
8942	9.2	184946.0	-5517.7	9032	9.8	190630.4	-5556.2	9122	10.2	192412.5	-5530.4
8943	10.0	184951.5	-5551.2	9033	9.6	190642.9	-5539.9	9123	10.0	192443.0	-5552.3
8944	7.9	185001.5	-5510.9	9034	9.6	190657.9	-5529.2	9124	9.4	192457.7	-5557.1
8945	9.6	185002.0	-5554.1	9035	10.2	190702.9	-5537.0	9125	10.0	192502.0	-5510.4
8946	9.9	185006.0	-5523.5	9036	10.0	190703.4	-5508.3	9126	10.3	192538.0	-5503.1
8947	10.0	185015.5	-5511.7	9037	9.8	190725.4	-5510.3	9127	10.0	192616.0	-5511.9
8948	8.6	185029.0	-5541.8	9038	10.3	190735.9	-5559.0	9128	10.3	192644.0	-5531.7
9129	8.6	192653.0	-5521.0								
9130	10.3	192653.0	-5534.2								
9131	9.8	192702.0	-5537.9								
9132	8.8	192702.0	-5500.9								
9133	10.3	192721.0	-5517.5								
9134	9.4	192731.5	-5522.4								
9135	10.3	192737.0	-5502.8								
9136	10.3	192744.0	-5510.5								
9137	10.3	192814.3	-5536.2								
9138	9.0	192823.6	-5504.2								
9139	9.8	192850.6	-5515.1								
9140	10.4	192850.6	-5547.9								
9141	10.4	192900.1	-5517.2								
9142	10.4	192907.6	-5528.1								
9143	9.8	192913.6	-5526.1								
9144	10.4	192932.6	-5545.6								
9145	9.2	192942.1	-5553.9								
9146	10.4	193010.6	-5556.3								
9147	9.6	193014.1	-5551.3								
9148	10.4	193018.6	-5526.8								
9149	9.8	193045.1	-5545.0								
9150	9.4	193105.6	-5531.2								
9151	10.4	193122.1	-5546.4								
9152	10.4	193125.9	-5557.0								
9153	10.4	193129.6	-5500.1								
9154	8.2	193132.6	-5532.9								
9155	9.8	193147.6	-5542.4								
9156	10.2	193148.6	-5554.0								
9157	10.4	193158.6	-5526.6								
9158	10.0	193205.6	-5526.3								
9159	10.2	193217.6	-5547.7								
9160	10.4	193233.1	-5518.0								
9161	8.0	193242.1	-5546.4								
9162	9.8	193250.6	-5539.3								
9163	10.0	193330.9	-5508.8								
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9186	9.8	193756.4	-5546.7								
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9212	10.4	194138.7	-5515.7								
9213	8.8	194146.7	-5544.0								
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-55 9579 21h14m

-55 9938 22h54m

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9585	9.2	211630.9	-5503.5	9675	9.0	213647.7	-5551.0	9765	9.6	215547.5	-5509.6	9855	10.0	222600.0	-5509.8
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9595	10.2	212009.2	-5517.8	9685	9.8	213826.7	-5533.4	9775	9.4	215807.5	-5535.8	9865	8.4	222754.7	-5541.8
9596	9.0	212011.2	-5542.5	9686	9.4	213831.2	-5546.8	9776	9.8	215826.5	-5537.9	9866	7.6	222810.2	-5514.8
9597	9.6	212030.7	-5533.7	9687	9.8	213907.3	-5535.2	9777	9.3	215838.5	-5500.2	9867	7.8	222812.2	-5550.2
9598	8.2	212100.7	-5519.1	9688	9.8	213911.8	-5544.2	9778	9.8	215839.0	-5521.4	9868	10.4	222827.7	-5514.1
9599	10.2	212109.7	-5540.9	9689	9.8	213912.8	-5550.7	9779	9.3	215840.0	-5524.6	9869	10.4	222925.7	-5504.1
9600	9.2	212118.7	-5503.8	9690	9.4	213944.8	-5520.3	9780	9.8	215840.0	-5556.1	9870	9.8	222940.7	-5546.8
9601	10.2	212119.2	-5540.6	9691	9.6	213946.8	-5521.4	9781	9.3	215850.5	-5509.1	9871	10.4	223024.2	-5543.1
9602	10.2	212126.0	-5557.2	9692	9.8	213951.8	-5546.5	9782	9.8	215856.0	-5516.2	9872	10.4	223030.2	-5521.6
9603	10.2	212147.7	-5522.0	9693	9.8	213953.8	-5555.6	9783	9.8	215925.0	-5512.4	9873	9.2	223041.2	-5533.7
9604	10.2	212205.2	-5549.0	9694	9.4	214006.3	-5522.4	9784	9.5	215945.5	-5543.0	9874	8.6	223131.7	-5548.1
9605	8.2	212214.7	-5549.4	9695	9.6	214018.8	-5538.3	9785	9.8	220001.5	-5528.2	9875	9.0	223135.2	-5521.4
9606	10.2	212215.2	-5524.6	9696	9.0	214040.3	-5526.1	9786	9.6	220020.5	-5514.4	9876	8.2	223136.7	-5552.0
9607	10.2	212239.7	-5529.4	9697	9.6	214045.3	-5558.6	9787	9.4	220047.5	-5547.0	9877	9.2	223139.7	-5521.0
9608	10.2	212249.2	-5544.1	9698	9.2	214051.3	-5548.1	9788	9.6	220048.5	-5545.0	9878	8.9	223225.7	-5558.3
9609	10.2	212258.2	-5548.9	9699	9.8	214119.8	-5512.9	9789	9.5	220059.5	-5521.3	9879	9.4	223250.2	-5529.1
9610	10.2	212320.7	-5516.2	9700	9.8	214121.8	-5547.9	9790	9.3	220100.5	-5524.9	9880	10.4	223308.4	-5558.1
9611	10.2	212331.2	-5502.2	9701	9.3	214152.8	-5553.3	9791	8.8	220109.5	-5538.9	9881	9.4	223329.2	-5549.6
9612	10.2	212339.7	-5533.8	9702	8.2	214201.3	-5544.7	9792	9.8	220138.5	-5523.8	9882	10.0	223348.2	-5538.1
9613	9.4	212351.2	-5556.9	9703	9.5	214221.3	-5512.2	9793	9.8	220214.5	-5514.1	9883	10.2	223355.2	-5520.5
9614	10.2	212354.0	-5550.3	9704	7.5	214319.3	-5514.0	9794	9.3	220229.0	-5559.3	9884	10.4	223453.7	-5523.2
9615	9.4	212403.7	-5556.0	9705	9.2	214324.3	-5548.8	9795	9.6	220235.9	-5501.6	9885	10.4	223541.7	-5554.3
9616	10.0	212407.2	-5549.1	9706	9.5	214324.8	-5525.2	9796	9.6	220252.0	-5556.7	9886	10.4	223610.7	-5515.1
9617	10.2	212414.2	-5523.3	9707	9.6	214328.8	-5535.6	9797	9.8	220302.0	-5551.9	9887	9.8	223623.7	-5516.0
9618	10.2	212502.2	-5503.1	9708	9.2	214337.3	-5539.9	9798	9.0	220321.3	-5557.8	9888	10.4	223707.2	-5547.1
9619	9.4	212526.2	-5506.5	9709	8.8	214418.9	-5518.9	9799	9.8	220334.0	-5549.1	9889	10.0	223718.2	-5540.2
9620	10.2	212537.7	-5534.1	9710	9.8	214432.9	-5540.8	9800	9.0	220358.5	-5535.4	9890	9.6	223755.3	-5552.5
9621	10.0	212601.7	-5541.1	9711	9.6	214438.4	-5527.0	9801	9.0	220400.0	-5516.2	9891	7.2	223820.3	-5543.1
9622	8.3	212617.2	-5508.2	9712	9.4	214446.4	-5523.6	9802	9.6	220401.5	-5502.0	9892	10.2	223835.3	-5504.6
9623	10.2	212635.2	-5518.2	9713	9.8	214500.4	-5512.1	9803	8.7	220402.0	-5548.2	9893	10.4	223837.3	-5533.8
9624	10.2	212635.7	-5538.2	9714	9.4	214502.4	-5511.6	9804	9.5	220430.0	-5542.0	9894	8.9	223849.2	-5501.5
9625	9.0	212700.2	-5508.5	9715	8.6	214520.9	-5508.6	9805	9.4	220445.5	-5552.2	9895	10.0	223900.8	-5512.1
9626	9.8	212701.0	-5501.4	9716	9.2	214556.9	-5546.2	9806	9.6	220450.5	-5519.8	9896	7.8	223921.3	-5504.3
9627	9.4	212701.5	-5542.6	9717	9.8	214609.4	-5541.0	9807	9.8	220526.0	-5501.4	9897	8.9	223937.2	-5504.2
9628	9.3	212712.0	-5549.4	9718	9.8	214617.4	-5557.5	9808	7.5	220545.5	-5555.0	9898	10.4	223942.2	-5513.9
9629	9.6	212718.0	-5540.8	9719	9.4	214620.4	-5520.0	9809	8.7	220548.5	-5552.3	9899	7.9	224002.2	-5509.3
9630	9.8	212719.0	-5521.4	9720	9.3	214644.9	-5540.2	9810	8.9	220551.7	-5513.2	9900	9.6	224013.1	-5508.7
9631	10.2	212736.0	-5517.6	9721	9.8	214648.9	-5504.9	9811	9.8	220613.7	-5549.6	9901	10.0	224032.6	-5541.2
9632	10.2	212749.2	-5558.0	9722	9.2	214657.4	-5554.7	9812	9.3	220619.2	-5532.9	9902	10.4	224037.1	-5526.2
9633	10.0	212753.0	-5524.0	9723	9.5	214749.9	-5551.0	9813	9.8	220619.2	-5524.6	9903	10.4	224045.2	-5537.1
9634	10.2	212801.5	-5517.6	9724	9.0	214754.4	-5541.8	9814	9.8	220635.5	-5559.3	9904	9.4	224103.3	-5501.1
9635	10.2	212813.5	-5507.2	9725	9.8	214800.4	-5535.0	9815	9.8	220638.7	-5539.0	9905	9.8	224148.1	-5526.7
9636	9.0	212816.5	-5502.0	9726	9.6	214801.4	-5552.0	9816	9.6	220654.7	-5533.8	9906	8.6	224150.1	-5527.0
9637	9.8	212821.5	-5509.4	9727	9.2	214804.4	-5549.8	9817	9.6	220725.3	-5558.0	9907	7.8	224220.1	-5553.7
9638	9.2	212824.4	-5502.0	9728	9.8	214807.4	-5507.1	9818	9.8	220738.2	-5521.2	9908	7.4	224253.1	-5552.8
9639	9.6	212850.5	-5533.2	9729	9.6	214839.5	-5539.2	9819	9.8	220759.7	-5532.7	9909	10.4	224300.6	-5510.0
9640	9.4	212857.0	-5540.6	9730	9.5	214843.5	-5531.2	9820	9.8	220850.2	-5529.7	9910	10.2	224448.6	-5539.7
9641	9.4	212914.0	-5536.2	9731	9.2	214907.5	-5513.3	9821	9.4	220914.0	-5534.4	9911	9.4	224512.1	-5551.7
9642	9.4	212925.0	-5540.2	9732	9.4	214923.0	-5523.1	9822	9.2	221002.0	-5503.0	9912	9.6	224524.1	-5529.5
9643	10.2	212941.5	-5537.4	9733	4.3	214923.5	-5535.1	9823	9.6	221049.5	-5522.0	9913	10.2	224603.1	-5542.1
9644	9.8	212946.0	-5514.2	9734	9.8	215003.0	-5521.2	9824	9.2	221146.0	-5535.0	9914	8.0	224624.1	-5523.4
9645	8.6	213012.5	-5525.4	9735	9.3	215006.0	-5513.9	9825	10.4	221250.5	-5552.6	9915	8.6	224703.1	-5522.6
9646	10.0	213018.5	-5521.7	9736	9.8	215011.0	-5500.0	9826	9.6	221310.0	-5537.8	9916	10.2	224707.6	-5555.1
9647	10.2	213034.5	-5512.0	9737	9.6	215052.5	-5538.0	9827	10.4	221341.0	-5512.1	9917	10.4	224824.1	-5512.0
9648	9.8	213038.7	-5559.4	9738	9.8	215100.5	-5536.9	9828	9.8	221348.5	-5546.2	9918	9.8	224916.6	-5554.1
9649	10.2	213038.9	-5501.9	9739	9.8	215113.5	-5518.3	9829	8.4	221349.0	-5538.8	9919	8.6	224949.1	-5536.4
9650	9.6	213105.0	-5537.5	9740	9.8	215121.5	-5554.4	9830	9.4	221401.5	-5521.8	9920	10.2	225022.1	-5532.9
9651	9.6	213105.5	-5516.4	9741	9.0	215130.0	-5514.8	9831	9.2	221412.0	-5511.8	9921	9.4	225041.1	-5530.2
9652	9.6	213139.0	-5502.8	9742	9.4	215132.0	-5532.2	9832	9.2	221429.0	-5548.6	9922	10.4	225113.6	-5525.0
9653	10.2	213139.5	-5547.7	9743	9.8	215145.5	-5538.5	9833	9.4	221527.0	-5554.0	9923	9.8	225140.6	-5533.1
9654	9.0	213158.5	-5554.2	9744	9.6	215152.0	-5547.2	9834	10.4	221533.5	-5512.6	9924	9.6	225147.6	-5509.5
9655	9.2	213205.5	-5508.6	9745	9.8	215201.0	-5556.6	9835	9.4	221553.0	-5534.6	9925	9.4	225152.3	-5501.3
9656	10.2	213208.0	-5550.2	9746	9.4	215204.0	-5504.2	9836	9.6	221557.7	-5501.5	9926	9.8	225210.1	-5523.7
9657	10.0	213211.0	-5526.8	9747	9.4	215209.5	-5504.5	9837	9.4	221611.0	-5538.9	9927	9.4	225218.1	-5507.2
9658	9.6	213232.0	-5540.0	9748	9.8	215245.3	-5540.0	9838	10.0	221708.5	-5544.0	9928	10.2	225240.8	-5509.0
9659	10.2	213301.5	-5521.2	9749	9.8	215248.0	-5554.7	9839	10.4	221713.0	-5506.9	9929	10.2	225248.6	-5531.0
9660	9.3	213303.5	-5509.0	9750	9.8	215248.3	-5552.1	9840	10.4	221728.5	-5543.1	9930	10.4	225249.6	-5508.2
9661	10.2	213309.5	-5529.6	9751	9.8	215252.5	-5517.3	9841	10.2	221750.5	-5514.7	9931	10.4	225308.6	-5537.0
9662	10.2	213319.0	-5514.3	9752	9.6	215309.5	-5539.0	9842	10.4	221845.0	-5508.2	9932	9.4	225313.1	-5512.3
9663	10.0	213353.0	-5510.8	9753	9.0	215312.0	-5501.6	9843	8.6	221846.5	-5515.7	9933	10.4	225319.1	-5520.8
9664	10.2	213407.5	-5519.2	9754	9.8	215313.5	-5517.4	9844	10.2	221847.5	-5523.0	9934	10.4	225350.1	-5502.3
9665	10.2	213424.5	-5559.3	9755	9.8	215329.5	-5528.2	9845	9.6	222017.5	-5550.8	9935	9.2	225351.6	-5531.1
9666	10.2	213427.3	-5500.9	9756	8.8	215349.5	-5505.4	9846	10.4	222026.5	-5509.6	9936	10.4	225418.1	-5542.9
9667	10.2	213431.3	-5558.2	9757	8.3	215349.5	-5521.7	9847	9.2	222219.0	-5532.4	9937	8.6	225430.6	-5556.2
9668	9.2	213449.8	-5540.5	9758	9.8	215400.0	-5523.9	9848	10.4	222258.0	-5551.1	9938	10.2	225451.1	-5529.3

9939 9.4 225519.6 -5542.4	10029 9.4 232157.5 -5509.6	10119 11.0 235012.7 -5512.4	48 11.0 00938.1 -5654.0
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9943 8.0 225645.6 -5542.0	10033 9.4 232302.0 -5500.3	10123 11.0 235121.7 -5509.3	52 8.0 01022.1 -5609.8
9944 10.4 225707.1 -5536.5	10034 9.8 232303.0 -5500.2	10124 11.0 235147.2 -5534.0	53 10.2 01023.6 -5621.1
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9979 9.6 230807.1 -5554.4	10069 9.8 233412.3 -5513.6	10159 11.0 235930.2 -5519.0	88 10.2 02439.0 -5629.0
9980 10.4 230812.1 -5539.2	10070 9.0 233454.8 -5556.5	10160 9.4 235937.7 -5520.0	89 9.4 02439.0 -5647.6
9981 9.6 230825.6 -5521.1	10071 9.4 233458.3 -5523.5	10161 10.6 235938.7 -5504.8	90 9.2 02451.0 -5618.4
9982 10.4 230910.6 -5507.1	10072 9.6 233632.3 -5549.5	1 10.4 00000.9 -5624.8	91 9.6 02511.0 -5638.6
9983 9.4 230913.6 -5514.8	10073 9.6 233638.8 -5544.4	2 11.0 00003.4 -5648.3	92 8.2 02528.5 -5655.9
9984 10.4 230920.6 -5518.1	10074 10.2 233700.3 -5530.5	3 11.0 00016.9 -5618.5	93 9.2 02532.5 -5653.6
9985 9.8 230926.6 -5514.1	10075 8.8 233702.3 -5531.2	4 9.4 00019.9 -5635.5	94 10.2 02539.7 -5659.8
9986 9.4 230938.1 -5523.4	10076 9.8 233704.8 -5538.4	5 11.0 00023.9 -5654.9	95 10.0 02548.5 -5637.6
9987 8.2 231004.6 -5536.9	10077 9.1 233717.8 -5553.3	6 11.0 00039.9 -5615.8	96 9.6 02619.3 -5602.1
9988 10.0 231038.4 -5506.3	10078 8.2 233727.3 -5522.9	7 10.4 00057.4 -5607.0	97 9.9 02652.0 -5644.0
9989 8.6 231043.9 -5509.9	10079 10.2 233731.3 -5518.5	8 11.0 00058.4 -5610.0	98 10.0 02657.0 -5630.0
9990 9.6 231055.5 -5559.6	10080 8.1 233735.1 -5507.7	9 11.0 00103.4 -5643.7	99 9.2 02659.0 -5636.5
9991 8.6 231116.4 -5519.8	10081 9.4 233746.6 -5529.7	10 7.2 00107.9 -5642.4	100 10.2 02709.0 -5647.1
9992 9.4 231123.4 -5542.8	10082 10.2 233747.1 -5538.0	11 10.6 00115.4 -5618.4	101 9.9 02721.3 -5647.2
9993 9.2 231129.9 -5551.0	10083 9.4 233801.1 -5533.3	12 9.6 00116.4 -5616.9	102 9.8 02731.3 -5636.2
9994 9.8 231146.9 -5508.0	10084 10.2 233807.1 -5545.2	13 9.4 00121.4 -5656.8	103 7.2 02738.5 -5601.2
9995 10.4 231208.4 -5534.8	10085 10.2 233807.6 -5501.8	14 11.0 00136.9 -5603.6	104 10.0 02749.3 -5618.3
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9999 9.8 231224.9 -5545.0	10089 10.2 233916.6 -5553.5	18 11.0 00226.4 -5617.3	108 10.2 02913.3 -5625.7
10000 8.6 231240.4 -5523.7	10090 9.0 233930.1 -5541.7	19 11.0 00301.9 -5611.4	109 7.9 02914.3 -5653.3
10001 9.0 231304.9 -5509.4	10091 9.1 233940.1 -5520.1	20 8.1 00321.4 -5653.2	110 10.0 02934.3 -5655.7
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10007 9.4 231419.4 -5537.0	10097 10.2 234055.6 -5552.7	26 11.0 00431.4 -5604.7	116 9.9 03051.3 -5639.1
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10011 10.2 231548.5 -5517.6	10101 10.2 234232.9 -5514.8	30 9.0 00538.9 -5653.9	120 10.2 03149.3 -5640.9
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10013 10.2 231608.0 -5522.2	10103 11.0 234358.9 -5544.2	32 11.0 00553.4 -5624.4	122 9.0 03249.5 -5602.2
10014 10.2 231631.0 -5534.7	10104 11.0 234400.4 -5534.4	33 10.0 00605.4 -5601.2	123 9.6 03320.8 -5658.1
10015 9.6 231700.0 -5539.7	10105 10.6 234410.2 -5505.0	34 11.0 00611.4 -5625.5	124 8.8 03359.3 -5638.9
10016 10.0 231722.0 -5539.7	10106 11.0 234437.2 -5546.9	35 10.4 00613.9 -5639.9	125 9.4 03410.3 -5636.7
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10018 10.2 231807.5 -5538.0	10108 9.0 234458.9 -5555.7	37 10.6 00643.6 -5604.3	127 10.2 03436.8 -5652.2
10019 8.5 231808.0 -5517.9	10109 9.0 234514.2 -5511.4	38 10.2 00738.4 -5600.4	128 9.0 03442.8 -5656.8
10020 8.8 231809.5 -5528.7	10110 11.0 234550.7 -5534.9	39 9.4 00741.6 -5603.0	129 7.9 03445.3 -5611.9
10021 9.6 231819.0 -5539.5	10111 11.0 234601.7 -5509.7	40 10.6 00741.6 -5617.9	130 9.8 03452.8 -5614.8
10022 9.0 231848.5 -5546.1	10112 8.3 234633.2 -5503.7	41 10.4 00800.1 -5632.4	131 10.2 03514.8 -5638.6
10023 9.1 231907.0 -5545.3	10113 11.0 234741.0 -5507.3	42 9.2 00815.6 -5623.5	132 7.5 03619.3 -5628.0
10024 10.2 231910.5 -5526.8	10114 9.4 234816.2 -5533.1	43 10.6 00815.6 -5604.9	133 8.6 03700.8 -5631.7
10025 9.2 231920.0 -5539.6	10115 9.8 234905.2 -5536.1	44 10.4 00849.6 -5620.3	134 10.2 03712.8 -5606.1
10026 10.2 231941.0 -5545.8	10116 11.0 234910.2 -5516.3	45 10.2 00858.1 -5619.2	135 9.2 03748.3 -5647.7
10027 10.0 232006.5 -5542.9	10117 9.8 235005.7 -5504.8	46 11.0 00901.1 -5609.1	136 10.2 03759.5 -5617.6
10028 10.2 232011.0 -5535.2	10118 10.4 235009.2 -5507.1	47 11.0 00933.6 -5622.5	137 9.9 03800.3 -5623.8

-56 138 0h38m

-56 497 3h05m

138	9.2	03820.9	-5650.1	228	9.4	10234.6	-5640.9	318	9.4	12908.5	-5609.5	408	8.6	21204.1	-5604.5
139	9.4	03904.4	-5605.3	229	9.6	10338.6	-5610.4	319	9.6	12922.0	-5639.4	409	7.9	21337.1	-5649.5
140	9.8	03927.4	-5606.8	230	9.1	10349.1	-5615.4	320	10.0	12924.5	-5628.0	410	8.7	21530.6	-5614.2
141	9.9	03935.4	-5647.0	231	9.3	10350.1	-5649.0	321	9.8	13110.0	-5629.8	411	9.1	21541.1	-5604.6
142	9.4	03939.4	-5642.2	232	9.4	10402.0	-5630.7	322	8.9	13212.5	-5642.4	412	8.0	21543.1	-5641.4
143	10.2	03944.4	-5635.0	233	9.6	10402.0	-5619.0	323	9.0	13228.5	-5654.5	413	7.2	21550.6	-5631.2
144	9.8	03944.4	-5616.1	234	8.8	10429.1	-5636.8	324	10.0	13238.0	-5628.9	414	10.0	21556.1	-5626.9
145	9.2	03952.4	-5601.5	235	9.4	10435.1	-5621.0	325	9.4	13338.5	-5629.8	415	8.0	21613.1	-5640.2
146	9.9	04059.4	-5646.2	236	9.5	10438.1	-5643.9	326	9.8	13340.5	-5624.4	416	9.5	21619.6	-5603.9
147	8.4	04109.4	-5618.1	237	10.4	10453.1	-5645.1	327	9.6	13345.5	-5604.1	417	9.4	21653.5	-5600.0
148	9.9	04136.9	-5639.6	238	9.4	10453.6	-5633.3	328	10.0	13406.0	-5636.2	418	10.0	21654.6	-5653.7
149	9.6	04150.9	-5601.8	239	9.3	10500.1	-5630.5	329	6.5	13503.5	-5649.7	419	9.6	21705.6	-5629.6
150	9.4	04201.4	-5639.9	240	9.6	10501.1	-5631.0	330	10.0	13516.5	-5643.8	420	9.9	21711.1	-5625.1
151	9.0	04212.9	-5658.6	241	9.3	10538.6	-5637.9	331	10.0	13530.0	-5644.9	421	9.4	21720.1	-5650.1
152	10.2	04252.4	-5655.0	242	9.0	10555.6	-5651.2	332	9.2	13534.5	-5640.6	422	9.1	21743.6	-5622.4
153	9.0	04310.9	-5646.2	243	10.4	10608.1	-5617.4	333	10.0	13630.5	-5607.5	423	9.8	21810.6	-5651.2
154	8.8	04328.4	-5646.7	244	9.2	10715.1	-5645.4	334	9.4	13641.0	-5654.0	424	8.8	21853.1	-5619.0
155	10.2	04330.9	-5625.0	245	9.1	10722.5	-5601.4	335	9.6	13715.0	-5647.5	425	9.5	21900.1	-5658.6
156	10.2	04335.4	-5625.0	246	9.4	10725.6	-5626.7	336	10.0	13726.0	-5607.1	426	7.2	21934.1	-5611.1
157	9.4	04355.4	-5626.7	247	10.4	10739.1	-5605.6	337	8.4	13728.0	-5629.8	427	9.2	21941.1	-5604.5
158	9.9	04358.9	-5656.4	248	10.4	10759.6	-5652.5	338	9.8	13820.5	-5649.0	428	8.8	22000.1	-5641.2
159	9.8	04446.9	-5648.5	249	10.4	10819.6	-5636.3	339	8.3	13851.0	-5651.8	429	8.8	22031.6	-5629.6
160	9.8	04454.9	-5638.4	250	9.1	10848.1	-5631.2	340	8.9	14045.0	-5644.0	430	9.6	22106.1	-5613.9
161	9.4	04600.9	-5627.9	251	10.2	10910.6	-5602.2	341	8.8	14115.0	-5655.2	431	9.1	22140.1	-5646.2
162	9.7	04614.4	-5628.6	252	10.0	10923.1	-5639.1	342	10.0	14130.3	-5602.1	432	9.4	22158.6	-5600.8
163	9.4	04651.9	-5659.8	253	9.8	10933.6	-5643.0	343	8.6	14138.8	-5648.3	433	10.0	22241.6	-5649.9
164	9.9	04703.5	-5631.0	254	10.4	10941.9	-5629.4	344	10.0	14228.8	-5651.9	434	9.4	22326.6	-5641.9
165	10.2	04706.4	-5649.9	255	8.4	10947.8	-5602.1	345	9.4	14254.3	-5614.5	435	9.1	22443.1	-5610.2
166	10.2	04706.5	-5637.6	256	8.0	10952.9	-5617.6	346	9.6	14441.0	-5601.8	436	8.2	22449.3	-5659.8
167	10.0	04709.1	-5658.4	257	9.5	11013.4	-5613.4	347	9.2	14700.3	-5618.2	437	10.0	22454.6	-5656.7
168	10.4	04720.6	-5601.1	258	8.5	11023.9	-5614.2	348	7.8	14736.8	-5622.7	438	9.8	22509.6	-5600.1
169	10.4	04730.1	-5622.0	259	10.2	11047.4	-5615.3	349	9.8	14750.3	-5643.8	439	9.8	22545.2	-5638.5
170	9.4	04745.3	-5620.0	260	10.0	11101.9	-5636.0	350	9.2	14753.8	-5625.7	440	10.2	22600.2	-5600.6
171	10.4	04758.0	-5650.2	261	10.2	11103.9	-5618.3	351	10.0	14820.8	-5633.9	441	10.0	22736.5	-5644.6
172	10.4	04839.7	-5607.9	262	9.6	11114.9	-5614.2	352	8.3	14822.1	-5659.3	442	10.3	22818.5	-5655.0
173	10.4	04903.5	-5608.8	263	10.2	11125.1	-5601.2	353	10.0	14855.6	-5622.7	443	8.9	22926.5	-5652.1
174	10.0	04923.6	-5616.2	264	9.0	11129.9	-5648.2	354	9.1	14943.6	-5638.6	444	9.4	22957.5	-5640.7
175	10.4	04933.6	-5608.9	265	9.8	11134.9	-5657.2	355	9.8	15011.8	-5633.8	445	10.2	23004.4	-5621.8
176	10.2	04951.1	-5646.3	266	10.2	11139.4	-5644.4	356	10.0	15130.6	-5651.0	446	9.0	23045.5	-5605.5
177	10.4	05011.1	-5605.3	267	9.4	11142.9	-5618.9	357	10.0	15210.6	-5618.9	447	10.0	23100.0	-5648.0
178	9.4	05016.6	-5638.5	268	9.8	11214.9	-5653.8	358	9.8	15245.1	-5606.9	448	8.4	23222.0	-5603.6
179	10.2	05103.6	-5651.5	269	10.4	11240.4	-5627.7	359	9.4	15350.4	-5658.1	449	8.9	23329.4	-5601.8
180	9.5	05104.1	-5623.9	270	10.4	11251.9	-5609.0	360	8.6	15400.1	-5602.4	450	10.3	23400.0	-5639.1
181	9.8	05107.1	-5630.9	271	10.4	11339.4	-5645.5	361	9.9	15424.8	-5635.1	451	10.3	23451.0	-5622.2
182	10.4	05113.6	-5628.5	272	10.4	11405.9	-5627.8	362	10.0	15441.8	-5615.1	452	8.4	23738.0	-5630.5
183	10.4	05224.6	-5654.9	273	10.0	11409.9	-5614.2	363	10.0	15728.8	-5605.5	453	8.0	23753.5	-5649.8
184	10.4	05227.1	-5642.5	274	9.4	11413.1	-5600.7	364	10.0	15759.8	-5611.9	454	9.6	23842.5	-5639.1
185	10.4	05231.1	-5649.7	275	9.8	11439.9	-5651.9	365	8.3	15801.8	-5650.9	455	9.2	24131.0	-5623.2
186	10.4	05232.6	-5607.8	276	9.2	11449.9	-5619.4	366	9.5	15825.8	-5613.6	456	10.0	24149.5	-5610.6
187	8.8	05239.4	-5628.3	277	9.5	11450.9	-5634.5	367	9.9	15830.8	-5614.7	457	9.2	24150.0	-5604.2
188	10.4	05247.9	-5630.5	278	10.4	11459.9	-5622.5	368	9.6	15845.3	-5613.4	458	8.4	24207.0	-5647.4
189	10.4	05250.4	-5641.7	279	10.4	11514.9	-5629.1	369	9.2	15848.3	-5620.3	459	10.3	24210.0	-5600.4
190	10.4	05325.4	-5611.0	280	10.4	11516.9	-5638.9	370	9.6	15859.8	-5637.2	460	9.8	24400.0	-5608.4
191	9.2	05345.4	-5613.2	281	9.4	11521.9	-5644.1	371	7.8	15934.3	-5615.7	461	10.3	24424.0	-5646.5
192	9.8	05350.4	-5645.5	282	9.3	11538.9	-5616.0	372	9.6	15944.8	-5618.5	462	10.2	24434.3	-5602.0
193	9.0	05419.4	-5603.6	283	9.6	11549.9	-5645.5	373	9.8	20008.8	-5618.9	463	9.6	24545.0	-5642.6
194	10.4	05446.9	-5610.5	284	9.5	11549.9	-5621.1	374	9.4	20021.3	-5635.1	464	10.3	24648.0	-5643.9
195	9.4	05450.9	-5621.1	285	9.0	11605.4	-5641.9	375	8.7	20037.8	-5645.9	465	10.3	24649.6	-5616.5
196	9.2	05459.4	-5601.4	286	10.4	11609.9	-5643.0	376	9.8	20054.8	-5612.7	466	10.3	24714.6	-5612.7
197	9.5	05513.9	-5642.7	287	8.8	11631.4	-5647.4	377	9.9	20106.8	-5650.3	467	10.3	24729.6	-5624.9
198	8.5	05551.9	-5649.9	288	10.4	11643.9	-5641.0	378	9.8	20135.3	-5624.9	468	9.4	24735.1	-5615.2
199	9.8	05553.9	-5650.3	289	9.1	11651.9	-5627.6	379	9.8	20317.8	-5652.1	469	9.6	24809.6	-5652.1
200	9.5	05608.4	-5624.2	290	10.4	11704.6	-5640.8	380	9.9	20348.3	-5659.9	470	9.4	24818.6	-5644.1
201	10.4	05618.4	-5622.7	291	9.3	11714.6	-5604.2	381	8.0	20358.8	-5607.1	471	9.2	24915.3	-5641.7
202	10.4	05622.9	-5629.2	292	8.8	11724.6	-5626.9	382	10.0	20430.8	-5638.1	472	9.6	24941.3	-5616.0
203	9.4	05628.4	-5651.0	293	9.2	11755.6	-5642.0	383	9.2	20503.8	-5611.7	473	10.3	24947.3	-5649.5
204	10.0	05631.1	-5657.6	294	10.2	11832.6	-5637.6	384	9.9	20544.1	-5658.1	474	7.2	25044.8	-5623.2
205	8.2	05701.4	-5655.4	295	10.0	11847.6	-5654.8	385	8.8	20558.3	-5645.7	475	10.3	25100.8	-5615.4
206	9.4	05701.9	-5608.7	296	10.4	11903.1	-5641.7	386	8.6	20608.8	-5628.6	476	9.8	25254.3	-5655.1
207	9.3	05720.4	-5615.7	297	9.5	11925.6	-5645.9	387	9.1	20629.8	-5618.1	477	8.8	25333.8	-5641.8
208	8.2	05732.4	-5643.6	298	9.5	11925.6	-5627.5	388	9.2	20637.8	-5651.0	478	9.6	25333.8	-5643.1
209	10.4	05733.9	-5626.0	299	10.4	11928.6	-5616.7	389	9.2	20638.3	-5648.9	479	10.0	25346.8	-5642.9
210	10.4	05735.4	-5652.9	300	9.3	11929.3	-5629.8	390	8.1	20758.3	-5603.6	480	7.6	25536.3	-5603.8
211	10.4	05737.4	-5606.9	301	10.2	12002.1	-5620.6	391	10.0	20824.3	-5655.2	481	9.0	25543.3	-5640.1
212	9.4	05754.4	-5634.6	302	9.5	12047.1	-5658.0	392	9.8	20830.3	-5613.0	482	8.5	25628.3	-5628.3
213	10.2	05844.4	-5650.9	303	10.2	12144.6	-5605.3	393	9.5	20847.8	-5646.8	483	10.8	25628.9	-5625.5
214	8.8	05924.4	-5607.4	304	10.0	12156.1	-5620.3	394	9.8	20848.8	-5650.0	484	10.0	25643.9	-5615.5
215	10.4	05934.9	-5609.9	305	9.1	12210.6	-5620.1	395	9.9	20854.8	-5652.1	485	10.2	25648.0	-5625.2
216	9.3	05958.4	-5659.2	306	9.4	12310.1	-5609.8	396	9.4	20912.8	-5650.8	486	10.0	25904.0	-5612.9
217	9.5	05959.4	-5636.2	307	9.2	12343.6	-5629.0	397	10.0	20921.8	-5647.7	487	10.6	25914.0	-5650.2
218	9.8	10003.9	-5602.5	308	9.0	12407.6	-5615.9	398	10.0	20935.8	-5603.9	488	9.0	25955.8	-5634.1
219	9.1	10010.9	-5644.2	309	9.2	12431.1	-5614.0	399	8.6	20944.3	-5616.3	489	9.6	30023.8	-5650.9
220	10.2	10059.4	-5604.9	310	9.8	12502.6	-5628.5	400	9.2	20949.3	-5646.3	490	10.6	30102.0	-5600.7
221	10.4	10103.6	-5636.2	311	9.2	12505.1	-5650.4	401	10.0	21010.8	-5610.4	491	10.0	30154.3	-5613.2
222	9.2	10111.6	-5649.8	312	9.8	12550.6	-5610.1	402	10.0	21042.6	-5614.9	492	10.8	30216.3	-5642.2
223	8.6	10116.6	-5646.1	313	8.0	12636.0	-5636.7	403	9.0	21054.6	-5624.6	493	10.6	30253.8	-5645.7
224	9.5	10155.6	-5611.8	314	9.4	12710.5	-5607.2	404	9.4	21118.6	-5622.2	494	11.0	30329.8	-5638.3
225	8.0	10200.1	-5646.3	315	9.4	12720.0	-5651.5	405	10.0	21148.6	-5646.0	495	10.6	30338.8	-5637.0
226	9.2	10218.1	-5632.4	316	9.2	12732.5	-5641.3	406	9.6	21152.6	-5604.4	496	10.6	30449.8	-5606.7
227	7.9	10234.6	-5638.2	317	9.6	12807.0	-5619.5	407	9.8	21201.6	-5642.0	497	10.6	30506.4	-5657.4

498	10.0	30601.8	-5651.1	588	9.2	34853.1	-5648.5	678	9.4	42442.7	-5641.3	768	9.7	50000.3	-5617.8
499	11.0	30618.8	-5611.5	589	9.4	35028.1	-5633.6	679	8.6	42454.2	-5611.0	769	9.0	50008.3	-5650.4
500	9.4	30703.3	-5639.6	590	10.2	35031.6	-5632.4	680	9.7	42532.7	-5623.0	770	9.6	50030.4	-5617.9
501	9.8	30734.8	-5629.9	591	8.0	35045.6	-5646.9	681	9.2	42541.7	-5617.6	771	8.3	50108.9	-5620.5
502	10.8	30744.3	-5629.6	592	9.5	35101.1	-5625.1	682	9.8	42553.2	-5653.7	772	9.4	50116.9	-5602.8
503	11.0	30805.3	-5604.8	593	9.2	35154.6	-5638.9	683	9.9	42629.7	-5622.3	773	7.8	50127.9	-5628.6
504	8.0	30844.3	-5652.4	594	9.6	35201.6	-5631.5	684	9.7	42630.7	-5644.8	774	9.4	50129.4	-5646.6
505	9.0	30847.3	-5647.8	595	8.5	35216.1	-5639.5	685	8.8	42835.7	-5610.8	775	9.6	50242.4	-5604.9
506	8.0	31023.8	-5631.8	596	9.4	35320.1	-5641.4	686	9.2	42857.2	-5646.1	776	9.7	50246.9	-5652.7
507	10.3	31034.4	-5659.7	597	8.2	35347.1	-5641.1	687	9.8	42917.2	-5641.7	777	9.7	50249.4	-5652.7
508	10.2	31040.8	-5614.8	598	9.8	35447.1	-5620.0	688	9.9	42937.7	-5637.0	778	7.8	50303.5	-5657.1
509	9.4	31044.8	-5611.1	599	7.8	35458.1	-5636.5	689	8.6	42955.7	-5614.0	779	9.1	50308.5	-5628.2
510	9.4	31045.8	-5625.5	600	9.8	35522.6	-5644.7	690	9.9	42957.0	-5600.8	780	9.7	50336.5	-5631.3
511	11.0	31109.3	-5634.8	601	10.2	35530.1	-5632.3	691	8.2	42959.2	-5629.4	781	9.7	50354.3	-5656.1
512	10.8	31111.3	-5621.3	602	10.0	35530.1	-5613.9	692	9.4	43040.2	-5610.5	782	8.8	50404.4	-5623.8
513	10.8	31113.4	-5657.6	603	10.2	35549.6	-5636.5	693	8.9	43158.2	-5606.6	783	9.7	50422.8	-5611.9
514	10.4	31114.3	-5605.3	604	9.7	35549.6	-5614.3	694	9.4	43201.0	-5649.9	784	9.0	50438.7	-5635.9
515	10.4	31227.3	-5643.1	605	10.0	35631.6	-5645.9	695	9.1	43218.8	-5649.2	785	9.8	50459.8	-5657.9
516	9.2	31234.3	-5649.9	606	10.2	35636.6	-5608.8	696	8.7	43220.5	-5650.9	786	8.6	50504.2	-5622.7
517	10.2	31238.8	-5640.2	607	9.8	35651.6	-5649.6	697	9.1	43239.2	-5659.0	787	9.2	50543.7	-5602.7
518	10.3	31304.3	-5625.5	608	9.4	35705.1	-5637.9	698	8.9	43242.8	-5634.5	788	9.4	50550.7	-5657.2
519	9.4	31309.3	-5639.3	609	8.6	35721.1	-5624.8	699	9.2	43302.8	-5623.5	789	10.0	50617.2	-5608.5
520	7.7	31508.5	-5616.6	610	9.4	35725.6	-5602.2	700	9.1	43318.8	-5603.7	790	9.8	50617.2	-5614.1
521	10.0	31549.5	-5650.6	611	9.8	35744.6	-5630.5	701	9.6	43358.3	-5626.4	791	10.0	50619.2	-5608.9
522	11.0	31550.0	-5646.2	612	9.4	35749.1	-5631.5	702	8.6	43428.2	-5653.4	792	9.6	50625.2	-5627.6
523	8.7	31614.0	-5658.1	613	8.6	35804.6	-5643.7	703	9.7	43609.2	-5638.9	793	9.4	50644.2	-5619.9
524	11.0	31648.0	-5622.9	614	10.2	35818.1	-5645.6	704	8.7	43633.2	-5624.5	794	8.8	50703.7	-5612.3
525	9.8	31730.0	-5604.4	615	8.1	35830.1	-5640.5	705	9.6	43711.7	-5651.3	795	9.6	50718.2	-5627.8
526	9.2	31818.5	-5623.1	616	9.0	35900.6	-5619.0	706	8.7	43749.2	-5626.0	796	9.8	50756.5	-5659.8
527	10.6	31918.0	-5658.4	617	9.7	35901.1	-5623.8	707	7.5	43818.7	-5616.3	797	10.0	50807.7	-5621.6
528	9.2	31923.0	-5643.6	618	10.2	35943.4	-5609.9	708	9.2	43844.8	-5600.8	798	10.0	50830.2	-5654.4
529	9.4	32004.0	-5623.5	619	9.6	40049.7	-5631.8	709	9.7	43848.0	-5642.9	799	9.4	50844.2	-5610.6
530	9.2	32038.5	-5629.1	620	9.6	40051.6	-5632.4	710	9.3	43858.2	-5646.6	800	9.2	50853.7	-5612.8
531	9.6	32100.5	-5607.7	621	8.6	40059.7	-5621.5	711	9.2	43900.2	-5638.7	801	9.6	50936.7	-5627.2
532	11.0	32110.0	-5615.8	622	9.9	40120.7	-5622.3	712	9.2	43928.7	-5621.7	802	9.8	50937.2	-5620.5
533	11.0	32144.5	-5649.0	623	9.4	40129.7	-5657.3	713	8.0	43941.2	-5621.3	803	9.4	50944.7	-5645.6
534	10.2	32149.0	-5607.0	624	8.6	40139.7	-5608.2	714	8.9	44000.2	-5640.4	804	9.7	51005.2	-5615.6
535	9.6	32239.0	-5633.0	625	8.6	40145.2	-5629.4	715	8.8	44013.7	-5655.8	805	8.9	51016.2	-5652.0
536	9.4	32400.5	-5651.8	626	9.0	40259.7	-5624.1	716	8.9	44014.4	-5656.5	806	9.4	51025.7	-5606.3
537	10.0	32427.5	-5615.7	627	9.2	40310.2	-5646.0	717	9.7	44050.4	-5633.8	807	9.4	51049.7	-5645.0
538	10.6	32429.5	-5649.5	628	8.3	40357.2	-5654.7	718	8.8	44109.4	-5636.3	808	9.6	51101.3	-5658.0
539	11.0	32434.5	-5645.9	629	9.9	40405.0	-5615.3	719	9.0	44204.4	-5631.0	809	10.0	51125.2	-5642.4
540	10.6	32444.0	-5636.0	630	9.9	40439.7	-5638.4	720	9.6	44208.4	-5649.2	810	9.0	51125.2	-5635.1
541	9.0	32539.5	-5651.1	631	9.2	40447.1	-5600.3	721	9.3	44227.9	-5643.1	811	9.4	51139.7	-5636.3
542	8.7	32647.9	-5619.8	632	9.9	40447.2	-5606.0	722	9.4	44231.4	-5655.2	812	10.0	51201.2	-5600.3
543	10.4	32744.9	-5642.4	633	9.7	40521.1	-5602.3	723	8.2	44234.2	-5631.2	813	9.3	51232.7	-5610.0
544	11.0	32829.5	-5646.1	634	8.6	40605.2	-5653.1	724	9.1	44248.9	-5610.3	814	9.2	51233.7	-5654.0
545	10.2	32912.7	-5653.9	635	9.4	40629.2	-5658.0	725	9.6	44256.9	-5643.2	815	10.0	51250.7	-5616.8
546	10.0	32929.1	-5617.9	636	9.4	40630.7	-5621.4	726	9.4	44343.4	-5657.8	816	10.0	51253.7	-5633.2
547	9.4	32929.9	-5638.9	637	9.9	40639.2	-5604.1	727	9.6	44353.9	-5645.3	817	8.7	51308.2	-5613.2
548	10.0	32949.7	-5601.3	638	9.6	40658.1	-5602.4	728	9.7	44422.4	-5606.3	818	10.0	51319.2	-5616.7
549	9.9	32958.2	-5648.3	639	9.6	40725.1	-5601.6	729	8.4	44427.1	-5600.2	819	9.4	51339.2	-5635.2
550	9.1	33050.2	-5640.6	640	9.4	40743.6	-5659.1	730	9.7	44434.9	-5631.4	820	9.6	51358.7	-5649.1
551	10.2	33058.7	-5600.5	641	9.4	40840.2	-5647.6	731	9.2	44457.4	-5614.7	821	9.8	51401.1	-5612.2
552	9.0	33127.7	-5655.0	642	9.9	40913.2	-5635.7	732	8.4	44529.4	-5613.7	822	9.3	51425.6	-5635.7
553	9.8	33203.7	-5623.1	643	9.4	40924.7	-5649.0	733	9.2	44606.9	-5630.0	823	8.8	51432.1	-5616.7
554	8.8	33255.2	-5627.9	644	9.4	41027.7	-5637.2	734	7.8	44642.9	-5653.1	824	9.6	51433.1	-5615.9
555	9.8	33308.7	-5643.0	645	9.7	41059.7	-5608.8	735	9.6	44727.3	-5653.0	825	9.3	51439.6	-5603.5
556	9.4	33428.7	-5641.2	646	9.9	41119.2	-5649.2	736	9.6	44757.8	-5642.7	826	9.2	51509.1	-5641.2
557	9.0	33450.2	-5620.5	647	7.4	41130.2	-5629.6	737	9.3	44826.8	-5627.4	827	9.4	51526.6	-5641.9
558	10.2	33455.7	-5643.7	648	9.9	41142.2	-5622.8	738	8.9	44851.3	-5628.0	828	10.0	51534.1	-5636.6
559	7.8	33530.7	-5633.0	649	9.8	41202.7	-5626.4	739	9.6	44908.3	-5644.0	829	9.4	51628.1	-5651.2
560	9.0	33542.2	-5633.0	650	9.9	41238.7	-5634.0	740	9.7	44913.8	-5651.0	830	10.0	51638.1	-5626.0
561	9.6	33549.2	-5617.8	651	8.5	41304.7	-5649.8	741	9.1	44914.8	-5633.6	831	9.7	51649.6	-5619.3
562	9.6	33550.7	-5607.5	652	9.2	41340.7	-5649.3	742	9.7	44931.8	-5638.0	832	10.0	51719.6	-5618.7
563	7.4	33640.2	-5638.3	653	9.2	41423.7	-5643.7	743	9.3	44942.8	-5651.0	833	10.0	51744.6	-5632.7
564	8.4	33640.7	-5633.1	654	9.9	41506.2	-5642.0	744	9.6	45030.3	-5639.1	834	9.6	51824.6	-5626.4
565	9.6	33711.7	-5630.3	655	9.4	41510.2	-5648.7	745	9.7	45153.8	-5646.7	835	10.0	51849.1	-5654.9
566	8.4	33730.2	-5657.4	656	8.6	41520.2	-5629.3	746	9.6	45201.8	-5655.3	836	8.6	51857.6	-5638.3
567	9.4	33735.2	-5634.8	657	9.4	41540.2	-5629.1	747	9.4	45219.8	-5612.6	837	8.3	51859.6	-5622.0
568	9.7	33744.2	-5625.4	658	9.7	41621.7	-5601.5	748	9.3	45221.3	-5645.6	838	9.4	51909.1	-5604.7
569	8.6	33755.2	-5629.0	659	9.2	41626.2	-5651.2	749	9.2	45256.8	-5658.5	839	10.0	51945.1	-5617.5
570	8.6	33833.7	-5604.5	660	9.4	41718.2	-5640.1	750	9.6	45326.8	-5646.9	840	6.3	52004.1	-5615.1
571	9.9	33903.2	-5642.5	661	9.7	41735.7	-5622.2	751	9.7	45329.4	-5621.4	841	9.6	52011.6	-5609.4
572	9.4	34027.7	-5651.5	662	9.0	41905.7	-5608.8	752	9.6	45348.4	-5648.9	842	8.6	52042.1	-5656.0
573	9.4	34142.7	-5607.0	663	9.6	41915.2	-5637.4	753	8.0	45355.9	-5637.3	843	9.6	52059.1	-5626.1
574	8.3	34155.2	-5643.4	664	9.4	41952.7	-5654.8	754	9.2	45422.4	-5615.5	844	9.7	52100.1	-5642.8
575	10.2	34155.4	-5633.0	665	9.4	42017.2	-5648.0	755	8.2	45430.4	-5634.9	845	10.0	52149.6	-5636.8
576	9.4	34320.2	-5625.2	666	9.2	42139.1	-5601.2	756	9.0	45440.9	-5634.1	846	10.0	52249.1	-5606.9
577	9.4	34331.1	-5601.9	667	8.4	42140.7	-5607.2	757	9.4	45455.4	-5641.0	847	9.4	52308.1	-5649.3
578	8.6	34405.7	-5625.6	668	9.9	42158.2	-5641.4	758	9.6	45455.9	-5643.6	848	10.0	52337.6	-5630.8
579	9.6	34416.2	-5617.7	669	9.7	42303.7	-5629.9	759	8.6	45630.4	-5603.7	849	8.4	52340.6	-5642.6
580	9.8	34457.2	-5601.3	670	8.9	42311.7	-5638.8	760	9.0	45645.3	-5622.4	850	10.0	52350.1	-5640.1
581	9.1	34513.9	-5657.7	671	9.9	42314.7	-5633.0	761	9.7	45746.8	-5633.6	851	10.0	52359.6	-5630.0
582	8.5	34516.2	-5650.8	672	8.6	42329.7	-5648.4	762	8.6	45819.3	-5634.8	852	8.8	52401.1	-5645.1
583	10.0	34608.2	-5615.1	673	9.9	42338.2	-5637.2	763	8.9	45839.3	-5651.4	853	9.2	52418.1	-5644.7
584	8.6	34648.2	-5631.5	674	8.6	42400.7	-5643.6	764	9.0	45857.3	-5614.9	854	10.0	52430.6	-5630.1
585	10.2	34800.7	-5606.9	675	9.2	42410.2	-5646.0	765	9.1	45923.3	-5659.1	855	9.8	52451.1	-5616.2
586	8.8	34811.6	-5653.0	676	8.8	42430.2	-5621.1	766	9.2	45940.3	-5610.1	856	10.0	52528.1	-5653.1
587	7.8	34840.6	-5640.1	677	9.0	42440.7	-5626.0	767	7.6	45955.8	-5616.7	857	10.0	52528.6	-5652.2

-56 858 5h25m

-56 1217 6h57m

858	9.4	52548.6	-5631.0	948	10.2	54742.5	-5638.0	1038	7.6	61132.3	-5652.8	1128	8.8	63621.9	-5643.7
859	9.8	52609.6	-5622.0	949	8.4	54801.0	-5650.4	1039	9.6	61201.3	-5642.9	1129	9.6	63634.7	-5600.3
860	9.4	52618.6	-5647.0	950	9.8	54829.0	-5617.7	1040	8.8	61210.8	-5654.0	1130	9.4	63728.4	-5636.4
861	9.4	52633.0	-5658.0	951	9.8	54831.5	-5621.5	1041	9.3	61237.8	-5611.3	1131	10.0	63745.4	-5656.8
862	10.0	52647.6	-5654.0	952	8.6	54835.0	-5656.2	1042	8.2	61241.3	-5609.6	1132	9.2	63753.4	-5623.4
863	9.4	52658.6	-5650.0	953	10.4	54914.5	-5602.5	1043	8.9	61310.3	-5606.8	1133	10.0	63755.9	-5632.5
864	9.0	52731.1	-5619.0	954	9.4	54924.5	-5609.2	1044	9.8	61310.8	-5646.0	1134	9.6	63755.9	-5657.7
865	10.0	52743.6	-5643.8	955	10.2	54943.2	-5644.1	1045	9.0	61315.3	-5617.0	1135	9.1	63757.9	-5606.6
866	9.8	52744.6	-5650.8	956	7.8	55005.2	-5629.3	1046	10.0	61354.8	-5640.8	1136	9.0	63800.9	-5606.3
867	9.0	52759.1	-5642.0	957	10.2	55009.2	-5649.3	1047	9.8	61501.8	-5610.0	1137	10.0	63826.4	-5609.4
868	10.0	52810.6	-5620.5	958	8.2	55013.2	-5613.6	1048	9.8	61516.8	-5631.9	1138	9.1	63830.4	-5652.0
869	9.6	52858.6	-5642.4	959	10.2	55038.2	-5615.5	1049	8.8	61550.8	-5649.3	1139	9.8	63842.4	-5634.0
870	9.8	52920.1	-5641.0	960	9.6	55040.9	-5602.2	1050	7.9	61552.9	-5623.6	1140	9.8	63900.4	-5635.8
871	9.8	52943.6	-5619.3	961	9.1	55043.7	-5632.4	1051	9.8	61614.9	-5650.6	1141	9.4	63907.5	-5603.1
872	10.0	53022.1	-5604.9	962	9.6	55055.2	-5608.4	1052	8.8	61618.4	-5600.6	1142	10.0	63936.2	-5607.8
873	9.4	53053.6	-5634.2	963	9.4	55120.2	-5613.1	1053	8.7	61620.8	-5657.8	1143	9.0	63945.9	-5656.7
874	8.5	53114.6	-5639.4	964	8.1	55125.7	-5641.5	1054	7.5	61620.8	-5656.9	1144	9.3	63950.5	-5620.4
875	10.0	53122.1	-5621.1	965	9.9	55131.2	-5641.9	1055	10.0	61625.2	-5601.0	1145	10.3	64012.4	-5633.1
876	9.2	53137.1	-5652.8	966	10.2	55150.2	-5634.5	1056	9.3	61656.9	-5637.6	1146	9.0	64015.2	-5619.3
877	9.8	53231.1	-5627.7	967	8.4	55156.2	-5611.9	1057	9.8	61658.4	-5655.5	1147	9.6	64022.5	-5625.0
878	8.8	53239.1	-5604.8	968	10.4	55251.2	-5650.2	1058	10.0	61658.9	-5614.1	1148	10.1	64027.9	-5628.4
879	10.0	53249.1	-5659.9	969	8.7	55313.2	-5600.1	1059	9.1	61710.8	-5630.8	1149	9.4	64051.4	-5634.8
880	9.3	53252.6	-5621.8	970	8.2	55339.2	-5632.5	1060	9.0	61726.4	-5643.2	1150	9.2	64101.0	-5628.1
881	9.8	53327.6	-5635.0	971	8.0	55343.2	-5634.2	1061	9.4	61820.7	-5602.0	1151	9.8	64117.5	-5622.7
882	10.0	53329.1	-5628.8	972	8.8	55344.4	-5600.1	1062	10.0	61841.6	-5658.4	1152	10.0	64121.5	-5628.3
883	10.0	53339.6	-5648.8	973	9.4	55353.7	-5620.4	1063	9.3	61858.4	-5635.8	1153	8.8	64140.0	-5617.1
884	9.2	53349.1	-5647.7	974	10.4	55411.2	-5600.5	1064	9.2	61906.4	-5627.9	1154	9.8	64143.5	-5632.9
885	9.8	53431.1	-5631.1	975	10.4	55425.7	-5645.7	1065	9.4	61912.9	-5653.9	1155	9.5	64155.5	-5604.3
886	8.7	53439.1	-5615.8	976	9.2	55429.2	-5608.0	1066	7.9	61926.4	-5617.9	1156	10.3	64219.5	-5612.5
887	10.0	53439.4	-5602.1	977	8.8	55451.2	-5637.2	1067	9.4	61940.4	-5655.6	1157	10.3	64243.0	-5623.7
888	9.6	53455.0	-5634.0	978	9.8	55552.7	-5617.1	1068	9.6	61950.4	-5625.1	1158	10.1	64306.0	-5636.8
889	9.6	53456.6	-5623.9	979	9.9	55601.7	-5657.9	1069	9.8	61950.9	-5616.8	1159	10.1	64327.0	-5615.6
890	10.0	53506.1	-5634.4	980	10.2	55616.2	-5630.7	1070	9.3	62014.4	-5631.9	1160	9.5	64335.0	-5615.9
891	9.6	53514.5	-5615.2	981	10.4	55652.5	-5602.6	1071	9.6	62037.9	-5636.3	1161	10.2	64353.0	-5637.3
892	10.0	53519.6	-5603.8	982	8.8	55719.5	-5638.2	1072	6.4	62041.9	-5618.2	1162	9.8	64411.5	-5643.9
893	10.0	53538.1	-5626.0	983	8.6	55815.7	-5609.9	1073	8.4	62121.7	-5602.5	1163	9.0	64458.5	-5618.7
894	9.8	53551.9	-5606.4	984	10.2	55820.2	-5640.8	1074	9.6	62122.7	-5600.0	1164	10.1	64514.5	-5624.5
895	8.8	53558.9	-5647.0	985	9.6	55831.7	-5620.9	1075	9.0	62125.9	-5644.3	1165	8.8	64600.5	-5610.5
896	10.4	53721.4	-5626.8	986	9.6	55838.7	-5638.6	1076	9.4	62129.9	-5644.0	1166	9.5	64605.0	-5654.5
897	9.8	53729.4	-5623.4	987	9.3	55852.2	-5604.9	1077	9.8	62143.4	-5608.4	1167	10.0	64606.0	-5636.1
898	10.4	53752.9	-5603.5	988	9.8	55903.2	-5641.6	1078	9.4	62214.4	-5634.0	1168	10.0	64609.5	-5646.1
899	9.0	53754.1	-5658.0	989	7.8	55934.6	-5659.1	1079	8.6	62250.9	-5606.0	1169	10.3	64615.0	-5654.5
900	9.8	53759.9	-5618.4	990	9.0	55939.2	-5608.1	1080	8.4	62309.9	-5608.3	1170	9.4	64638.5	-5626.1
901	9.0	53800.9	-5634.2	991	10.2	55953.7	-5608.8	1081	8.8	62315.9	-5646.0	1171	9.4	64740.0	-5627.7
902	10.4	53805.4	-5652.8	992	10.4	55957.2	-5628.1	1082	9.4	62322.9	-5621.8	1172	10.3	64744.0	-5637.1
903	9.6	53814.9	-5616.8	993	10.2	60004.2	-5630.4	1083	9.0	62338.4	-5616.6	1173	10.1	64744.5	-5601.9
904	10.2	53824.9	-5603.7	994	9.0	60027.2	-5648.9	1084	10.0	62341.4	-5639.0	1174	10.2	64750.4	-5603.7
905	10.2	53830.9	-5625.9	995	10.2	60031.2	-5657.4	1085	9.2	62353.4	-5626.8	1175	10.3	64753.0	-5659.2
906	10.2	53840.9	-5653.2	996	8.6	60035.2	-5656.3	1086	10.0	62406.4	-5634.7	1176	10.3	64759.5	-5609.7
907	10.2	53920.9	-5657.8	997	9.1	60036.7	-5600.7	1087	9.4	62500.9	-5634.3	1177	9.4	64805.5	-5605.5
908	10.4	53924.9	-5609.0	998	10.4	60042.2	-5626.6	1088	9.1	62518.4	-5610.4	1178	10.3	64828.5	-5653.8
909	8.1	53925.9	-5629.8	999	10.4	60047.2	-5639.0	1089	10.0	62545.9	-5622.0	1179	9.0	64833.5	-5648.1
910	10.0	53927.9	-5626.8	1000	9.8	60102.7	-5611.5	1090	9.3	62620.9	-5633.8	1180	9.0	64838.0	-5605.3
911	10.2	53930.9	-5632.4	1001	9.8	60155.2	-5650.8	1091	9.3	62630.9	-5629.9	1181	8.6	64840.0	-5605.5
912	10.2	53945.9	-5648.0	1002	9.4	60215.0	-5657.2	1092	9.8	62642.4	-5615.9	1182	10.1	64847.0	-5606.7
913	10.4	53946.4	-5648.4	1003	10.4	60215.7	-5648.9	1093	9.1	62650.9	-5656.0	1183	9.4	64903.5	-5643.8
914	9.8	53950.9	-5647.2	1004	10.4	60217.7	-5626.0	1094	9.4	62718.9	-5633.4	1184	9.6	64946.0	-5631.5
915	10.4	53951.0	-5630.2	1005	9.6	60230.2	-5620.6	1095	7.1	62718.9	-5646.0	1185	8.8	64952.5	-5621.7
916	9.8	53959.0	-5611.5	1006	9.8	60232.7	-5631.9	1096	10.0	62722.9	-5602.9	1186	8.5	64954.5	-5621.2
917	10.4	54012.0	-5615.9	1007	9.8	60243.7	-5653.9	1097	9.6	62748.9	-5627.6	1187	9.8	65011.5	-5642.3
918	10.0	54021.0	-5629.4	1008	9.6	60251.2	-5649.4	1098	9.0	62752.9	-5639.8	1188	9.6	65021.5	-5634.1
919	10.0	54025.5	-5640.4	1009	7.4	60252.2	-5613.1	1099	10.0	62825.4	-5616.3	1189	10.3	65021.5	-5621.1
920	9.4	54042.5	-5618.7	1010	8.8	60420.2	-5603.6	1100	9.8	62853.4	-5641.7	1190	9.6	65034.5	-5635.8
921	10.2	54103.0	-5649.6	1011	8.7	60423.2	-5605.0	1101	9.1	62854.4	-5633.7	1191	9.4	65040.5	-5652.4
922	10.0	54110.0	-5616.4	1012	9.9	60452.2	-5650.0	1102	8.4	62855.9	-5650.8	1192	9.3	65054.5	-5613.2
923	9.2	54130.0	-5630.9	1013	10.0	60501.2	-5614.9	1103	10.0	62923.9	-5627.9	1193	10.2	65106.0	-5642.1
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925	10.2	54150.0	-5608.8	1015	9.2	60514.2	-5611.7	1105	9.8	62946.4	-5610.9	1195	8.8	65242.0	-5629.4
926	9.4	54150.5	-5610.8	1016	10.4	60600.7	-5635.9	1106	9.3	63030.9	-5646.9	1196	9.0	65254.0	-5627.4
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929	10.4	54215.0	-5655.6	1019	9.6	60631.2	-5627.3	1109	10.0	63135.9	-5621.9	1199	7.9	65339.0	-5647.8
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933	9.8	54236.0	-5648.8	1023	10.4	60740.7	-5601.3	1113	9.8	63209.4	-5632.4	1203	9.3	65439.5	-5643.9
934	10.2	54306.5	-5607.0	1024	9.6	60755.2	-5618.6	1114	9.8	63221.9	-5611.8	1204	10.0	65446.5	-5619.7
935	9.9	54312.5	-5604.4	1025	9.4	60811.2	-5620.9	1115	9.3	63230.9	-5651.8	1205	9.6	65504.5	-5610.4
936	8.4	54345.0	-5629.9	1026	8.1	60821.2	-5603.7	1116	8.7	63251.9	-5642.9	1206	9.6	65508.5	-5601.0
937	10.0	54432.7	-5658.9	1027	10.2	60827.1	-5602.7	1117	9.4	63259.9	-5611.9	1207	10.3	65524.5	-5654.8
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940	9.8	54548.0	-5643.0	1030	9.4	61016.3	-5653.0	1120	9.6	63401.4	-5635.4	1210	8.6	65607.0	-5636.4
941	9.2	54611.0	-5602.6	1031	9.0	61016.3	-5649.0	1121	10.0	63407.3	-5604.4	1211	7.2	65615.5	-5613.3
942	10.4	54623.0	-5603.1	1032	9.4	61020.8	-5627.9	1122	10.0	63429.4	-5602.9	1212	10.3	65630.0	-5632.2
943	10.2	54624.0	-5620.4	1033	9.3	61030.8	-5634.6	1123	8.8	63441.9	-5609.0	1213	9.0	65632.0	-5617.8
944	9.6	54625.0	-5621.3	1034	9.0	61050.3	-5619.1	1124	9.4	63445.9	-5654.4	1214	10.2	65734.9	-5601.3
945	10.2	54639.5	-5656.4	1035	9.8	61052.3	-5625.5	1125	9.2	63527.4	-5643.9	1215	10.3	65743.8	-5600.9
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1218 7.7	65754.0 -5643.8	1308 9.2	71649.3 -5626.9
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1280 10.1	71020.4 -5647.2	1370 9.6	72945.8 -5609.0
1281 9.4	71022.4 -5641.0	1371 9.7	73000.3 -5610.7
1282 9.4	71029.4 -5608.8	1372 9.6	73001.8 -5621.9
1283 10.1	71029.4 -5644.5	1373 9.2	73009.3 -5653.6
1284 10.0	71033.9 -5615.7	1374 9.4	73026.8 -5607.1
1285 9.6	71033.9 -5605.5	1375 9.2	73039.3 -5611.2
1286 9.4	71109.1 -5630.6	1376 9.2	73050.3 -5622.2
1287 9.8	71122.3 -5638.0	1377 9.4	73052.3 -5653.4
1288 10.3	71144.4 -5635.8	1378 9.0	73148.8 -5653.1
1289 10.3	71154.9 -5606.1	1379 9.0	73200.3 -5603.7
1290 9.5	71158.4 -5604.5	1380 8.7	73210.3 -5629.0
1291 10.0	71213.4 -5649.9	1381 9.6	73251.3 -5642.7
1292 9.4	71225.6 -5605.0	1382 9.7	73303.3 -5658.6
1293 10.3	71235.9 -5621.7	1383 9.3	73310.3 -5647.3
1294 10.3	71245.4 -5636.0	1384 9.0	73310.8 -5646.8
1295 9.0	71252.3 -5605.3	1385 9.6	73325.3 -5625.0
1296 9.6	71418.3 -5614.3	1386 9.7	73331.3 -5610.9
1297 8.5	71428.3 -5612.1	1387 9.6	73345.8 -5617.5
1298 9.7	71432.3 -5607.1	1388 9.6	73352.3 -5638.1
1299 9.4	71437.8 -5638.7	1389 8.8	73428.3 -5638.9
1300 9.7	71440.3 -5618.9	1390 9.6	73458.3 -5626.8
1301 9.7	71457.3 -5628.5	1391 9.6	73500.8 -5639.3
1302 9.6	71515.8 -5647.5	1392 9.2	73501.3 -5612.7
1303 9.6	71616.5 -5619.5	1393 7.9	73505.3 -5656.1
1304 9.6	71619.3 -5607.1	1394 9.4	73534.0 -5646.0
1305 8.8	71623.3 -5625.0	1395 9.0	73605.8 -5658.6
1306 9.6	71628.3 -5611.5	1396 9.3	73611.0 -5647.0
1307 9.0	71644.3 -5615.3	1397 9.6	73627.5 -5650.8

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1398 9.7	73637.0 -5639.2	1488 9.2	75732.2 -5647.9
1399 9.0	73653.3 -5658.2	1489 10.0	75736.7 -5629.9
1400 9.2	73726.0 -5652.6	1490 10.2	75743.2 -5641.6
1401 9.2	73730.0 -5600.1	1491 9.4	75752.2 -5621.3
1402 9.4	73819.0 -5631.4	1492 9.6	75801.7 -5636.6
1403 9.2	73826.0 -5637.0	1493 9.4	75812.2 -5609.7
1404 7.0	73910.0 -5601.2	1494 8.4	75815.7 -5620.2
1405 9.2	73910.0 -5633.9	1495 9.4	75817.2 -5635.9
1406 9.0	73910.5 -5606.4	1496 9.6	75840.2 -5617.9
1407 9.3	73920.0 -5633.5	1497 10.0	75840.6 -5600.9
1408 9.3	73941.0 -5617.7	1498 8.0	75842.2 -5636.1
1409 9.0	73944.0 -5610.4	1499 9.6	75844.2 -5621.1
1410 9.6	73946.5 -5651.8	1500 9.6	75845.7 -5604.0
1411 9.7	73950.0 -5620.2	1501 10.2	75900.2 -5638.9
1412 9.7	74010.0 -5621.4	1502 10.2	75929.7 -5616.7
1413 9.3	74059.0 -5605.9	1503 10.0	80015.2 -5646.6
1414 9.0	74101.0 -5633.8	1504 9.8	80016.7 -5654.0
1415 9.4	74122.0 -5615.6	1505 8.6	80017.2 -5615.3
1416 9.2	74131.5 -5626.7	1506 9.8	80024.7 -5623.5
1417 9.2	74158.0 -5655.4	1507 10.2	80032.2 -5615.5
1418 7.6	74202.0 -5624.2	1508 9.6	80106.2 -5646.1
1419 9.7	74251.0 -5613.6	1509 9.2	80111.7 -5611.9
1420 7.0	74259.7 -5625.0	1510 9.4	80116.2 -5615.5
1421 9.2	74259.7 -5609.2	1511 9.6	80133.7 -5644.3
1422 9.7	74306.0 -5642.4	1512 9.6	80151.7 -5630.0
1423 9.7	74311.5 -5601.8	1513 8.8	80200.2 -5619.9
1424 9.6	74319.7 -5639.3	1514 10.0	80211.7 -5623.9
1425 9.6	74320.0 -5614.0	1515 9.0	80226.8 -5618.3
1426 8.6	74330.3 -5656.0	1516 9.8	80236.8 -5643.4
1427 9.8	74338.3 -5645.5	1517 9.8	80240.3 -5626.4
1428 8.6	74345.4 -5602.9	1518 9.8	80243.3 -5648.4
1429 8.6	74349.3 -5657.0	1519 8.8	80305.3 -5621.6
1430 9.5	74409.8 -5606.6	1520 9.6	80327.3 -5643.2
1431 9.8	74417.1 -5622.6	1521 10.2	80353.8 -5622.5
1432 9.8	74444.3 -5657.0	1522 9.5	80355.3 -5639.4
1433 9.0	74444.4 -5657.5	1523 10.0	80414.3 -5612.8
1434 9.8	74519.3 -5618.6	1524 9.8	80415.3 -5620.6
1435 9.4	74525.3 -5643.6	1525 9.4	80420.3 -5620.9
1436 10.2	74538.8 -5623.3	1526 8.4	80429.8 -5617.1
1437 7.4	74539.5 -5609.4	1527 9.0	80432.3 -5651.8
1438 10.0	74547.3 -5655.4	1528 9.4	80436.3 -5625.7
1439 9.8	74548.7 -5659.0	1529 10.0	80440.3 -5640.0
1440 9.6	74549.3 -5626.7	1530 9.4	80454.8 -5629.0
1441 10.0	74617.8 -5614.8	1531 9.6	80502.8 -5602.4
1442 6.8	74625.8 -5605.6	1532 9.0	80505.8 -5627.1
1443 9.5	74628.3 -5606.7	1533 8.0	80510.3 -5615.0
1444 10.0	74648.8 -5650.3	1534 9.5	80520.3 -5645.2
1445 10.2	74731.2 -5615.2	1535 9.8	80528.8 -5649.2
1446 9.0	74732.2 -5621.1	1536 10.2	80529.7 -5659.7
1447 8.4	74740.9 -5600.5	1537 9.4	80529.8 -5608.4
1448 10.0	74801.7 -5623.9	1538 9.4	80639.8 -5622.0
1449 10.2	74859.2 -5608.6	1539 10.2	80647.8 -5623.0
1450 10.0	74906.7 -5602.8	1540 9.4	80651.3 -5608.1
1451 10.2	74920.7 -5603.0	1541 9.8	80653.8 -5630.1
1452 9.2	74925.7 -5649.4	1542 10.0	80717.8 -5654.0
1453 10.0	74940.2 -5615.6	1543 10.0	80754.3 -5659.4
1454 9.5	75023.7 -5649.7	1544 9.8	80755.3 -5654.0
1455 10.2	75036.7 -5632.7	1545 10.0	80800.3 -5646.9
1456 10.2	75047.3 -5636.1	1546 9.6	80813.3 -5643.4
1457 10.0	75049.2 -5633.5	1547 9.8	80842.3 -5623.9
1458 9.2	75049.2 -5653.3	1548 8.6	80901.8 -5603.2
1459 9.8	75108.2 -5655.9	1549 10.2	80907.3 -5622.0
1460 9.4	75119.9 -5601.3	1550 9.8	80924.2 -5609.4
1461 9.4	75129.7 -5612.7	1551 10.2	80925.4 -5659.1
1462 10.2	75139.2 -5651.6	1552 10.0	80931.2 -5634.0
1463 10.2	75140.2 -5624.7	1553 10.0	80940.2 -5618.4
1464 9.8	75140.7 -5651.5	1554 9.8	81032.2 -5655.0
1465 9.2	75200.7 -5608.6	1555 9.8	81100.2 -5639.6
1466 10.0	75205.7 -5611.3	1556 10.2	81102.2 -5635.0
1467 10.0	75209.7 -5631.9	1557 9.4	81102.2 -5621.6
1468 7.2	75218.2 -5658.3	1558 9.0	81112.2 -5651.7
1469 10.0	75219.7 -5610.3	1559 7.5	81135.7 -5622.4
1470 9.2	75249.2 -5655.8	1560 9.6	81203.2 -5618.7
1471 9.0	75303.2 -5619.2	1561 9.4	81209.7 -5624.1
1472 8.6	75407.2 -5608.7	1562 10.2	81213.2 -5639.5
1473 9.0	75419.7 -5631.5	1563 9.8	81225.7 -5614.4
1474 9.6	75530.7 -5634.1	1564 10.2	81239.2 -5641.1
1475 9.6	75539.7 -5649.7	1565 10.2	81249.7 -5634.4
1476 9.8	75549.7 -5647.3	1566 9.4	81251.4 -5602.0
1477 9.0	75551.2 -5632.3	1567 9.4	81251.7 -5620.1
1478 9.6	75601.7 -5610.9	1568 9.4	81315.2 -5626.6
1479 10.0	75610.7 -5607.3	1569 7.8	81317.2 -5653.1
1480 9.4	75614.7 -5635.9	1570 8.8	81318.7 -5644.5
1481 9.5	75630.2 -5654.0	1571 10.2	81339.2 -5618.1
1482 9.4	75635.7 -5654.1	1572 9.8	81351.7 -5640.5
1483 10.0	75641.6 -5600.2	1573 10.0	81415.7 -5608.6
1484 9.6	75659.2 -5646.7	1574 10.0	81424.2 -5645.9
1485 9.8	75700.2 -5644.8	1575 9.0	81427.2 -5636.9
1486 9.2	75702.2 -5613.9	1576 10.0	81440.2 -5606.7
1487 9.0	75728.2 -5635.1	1577 9.4	81445.2 -5607.6

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-56 1578 8h14m

-56 1937 8h51m

1578	9.6	81450.7	-5658.4	1668	9.1	82630.9	-5601.5	1758	9.6	83449.9	-5639.7	1848	9.8	84219.8	-5631.0
1579	9.8	81505.7	-5610.7	1669	10.0	82631.9	-5627.8	1759	10.1	83451.4	-5612.2	1849	9.6	84221.3	-5635.3
1580	10.2	81510.2	-5636.7	1670	10.0	82634.9	-5621.0	1760	9.2	83452.9	-5620.7	1850	10.0	84221.3	-5650.6
1581	10.1	81510.4	-5641.2	1671	9.7	82637.9	-5639.1	1761	9.6	83454.4	-5622.0	1851	10.0	84225.8	-5635.3
1582	10.1	81520.9	-5652.6	1672	10.0	82648.9	-5640.8	1762	10.1	83500.9	-5632.9	1852	10.1	84229.8	-5650.1
1583	9.1	81547.9	-5634.1	1673	9.4	82650.9	-5618.1	1763	9.4	83502.9	-5654.2	1853	10.1	84232.4	-5639.1
1584	9.4	81550.6	-5600.1	1674	8.7	82651.4	-5651.9	1764	9.8	83503.4	-5614.8	1854	9.7	84238.4	-5608.7
1585	9.4	81552.4	-5652.8	1675	8.4	82652.4	-5630.5	1765	9.7	83503.7	-5600.8	1855	10.1	84241.4	-5611.2
1586	9.0	81559.4	-5650.2	1676	9.6	82708.9	-5615.1	1766	10.1	83509.4	-5646.7	1856	9.3	84242.4	-5652.9
1587	10.0	81608.4	-5646.6	1677	9.4	82712.4	-5610.7	1767	10.1	83521.9	-5616.5	1857	10.0	84250.4	-5656.1
1588	8.7	81608.5	-5645.6	1678	8.9	82722.4	-5619.8	1768	9.7	83540.4	-5632.2	1858	9.6	84258.2	-5600.4
1589	9.8	81608.9	-5654.0	1679	10.1	82725.4	-5619.0	1769	9.8	83543.4	-5604.2	1859	10.0	84304.9	-5626.1
1590	9.0	81620.5	-5623.0	1680	9.6	82729.4	-5649.0	1770	10.1	83555.4	-5628.1	1860	9.6	84310.4	-5618.6
1591	10.1	81623.4	-5658.0	1681	10.1	82801.4	-5621.7	1771	9.6	83557.4	-5649.3	1861	9.6	84317.9	-5625.2
1592	9.7	81634.9	-5609.8	1682	9.6	82808.9	-5627.0	1772	9.8	83557.4	-5608.8	1862	9.6	84318.9	-5620.8
1593	10.0	81644.7	-5626.8	1683	10.0	82811.4	-5629.0	1773	9.7	83558.7	-5600.2	1863	10.1	84319.8	-5634.2
1594	10.1	81644.9	-5644.3	1684	9.4	82818.9	-5652.2	1774	10.0	83600.9	-5656.2	1864	9.4	84322.4	-5645.0
1595	8.0	81706.5	-5627.7	1685	9.6	82824.4	-5601.4	1775	10.1	83606.9	-5652.8	1865	4.7	84328.9	-5618.5
1596	9.2	81713.4	-5617.9	1686	10.1	82830.4	-5638.5	1776	9.8	83620.4	-5618.1	1866	9.6	84330.4	-5623.8
1597	9.7	81714.9	-5617.3	1687	9.6	82832.4	-5644.1	1777	10.0	83623.9	-5641.2	1867	9.6	84341.4	-5621.5
1598	9.2	81715.4	-5617.9	1688	9.6	82833.9	-5607.1	1778	9.6	83640.9	-5648.9	1868	9.6	84350.4	-5620.3
1599	9.4	81722.4	-5622.0	1689	9.2	82835.9	-5638.5	1779	9.7	83646.5	-5622.8	1869	9.1	84351.4	-5608.8
1600	9.6	81730.9	-5650.9	1690	9.6	82846.1	-5658.7	1780	9.7	83704.5	-5629.6	1870	9.8	84351.4	-5636.2
1601	9.8	81738.4	-5612.9	1691	10.1	82846.4	-5628.6	1781	8.9	83709.0	-5619.9	1871	10.0	84358.4	-5641.0
1602	9.8	81751.4	-5632.1	1692	10.0	82854.9	-5630.5	1782	9.6	83711.0	-5611.9	1872	9.1	84400.4	-5655.1
1603	9.6	81759.9	-5632.5	1693	9.6	82900.4	-5613.6	1783	10.1	83719.0	-5617.9	1873	10.1	84400.4	-5627.2
1604	8.9	81800.9	-5657.4	1694	10.1	82901.4	-5611.3	1784	10.1	83726.5	-5630.9	1874	9.6	84410.4	-5638.7
1605	9.3	81801.4	-5648.0	1695	9.3	82903.9	-5634.6	1785	9.6	83730.5	-5657.5	1875	10.1	84420.4	-5637.0
1606	10.0	81810.4	-5635.9	1696	8.6	82906.4	-5612.5	1786	9.8	83730.5	-5642.2	1876	9.8	84443.9	-5610.4
1607	9.7	81820.9	-5612.4	1697	9.6	82915.4	-5612.7	1787	9.4	83730.5	-5640.8	1877	8.7	84449.9	-5613.8
1608	9.4	81830.9	-5602.5	1698	9.6	82916.4	-5607.5	1788	9.8	83732.5	-5618.2	1878	9.2	84454.9	-5602.6
1609	9.0	81831.2	-5602.2	1699	10.1	82920.9	-5644.6	1789	10.1	83736.5	-5623.1	1879	9.8	84459.9	-5628.9
1610	9.6	81840.4	-5616.8	1700	9.4	82921.9	-5607.5	1790	9.8	83750.5	-5633.6	1880	9.8	84500.4	-5621.1
1611	9.6	81913.9	-5611.0	1701	9.6	82924.8	-5659.1	1791	10.0	83800.5	-5614.2	1881	9.6	84501.4	-5654.8
1612	9.4	81923.4	-5643.6	1702	9.0	82927.9	-5658.0	1792	10.1	83801.3	-5658.7	1882	10.0	84509.9	-5651.1
1613	9.3	81923.9	-5636.9	1703	9.6	82935.4	-5632.4	1793	9.3	83806.5	-5649.0	1883	10.0	84509.9	-5642.9
1614	10.0	82000.4	-5648.7	1704	9.6	82941.4	-5621.0	1794	9.2	83808.0	-5604.8	1884	9.4	84509.9	-5636.1
1615	9.8	82000.4	-5648.2	1705	10.0	83000.4	-5655.8	1795	9.8	83811.0	-5621.9	1885	9.6	84515.9	-5650.0
1616	9.6	82000.9	-5613.6	1706	10.1	83000.9	-5641.9	1796	9.8	83815.5	-5647.3	1886	10.1	84524.4	-5652.7
1617	8.4	82004.9	-5644.0	1707	9.4	83011.4	-5648.5	1797	10.1	83828.5	-5641.9	1887	9.6	84530.4	-5635.0
1618	9.6	82010.4	-5610.8	1708	9.4	83013.9	-5628.4	1798	10.1	83831.5	-5633.0	1888	9.6	84532.4	-5642.4
1619	9.4	82012.9	-5624.6	1709	9.6	83019.7	-5600.2	1799	9.6	83833.5	-5636.2	1889	10.1	84539.1	-5612.9
1620	9.8	82023.9	-5629.0	1710	8.5	83019.9	-5656.1	1800	9.1	83838.0	-5643.3	1890	9.8	84539.4	-5605.2
1621	9.6	82033.4	-5612.4	1711	9.7	83026.9	-5648.0	1801	9.8	83845.0	-5632.3	1891	9.6	84539.6	-5610.9
1622	10.0	82043.4	-5659.9	1712	9.7	83029.4	-5624.6	1802	10.1	83845.0	-5644.7	1892	8.9	84550.1	-5646.1
1623	10.1	82059.9	-5655.5	1713	10.0	83049.9	-5617.0	1803	10.1	83847.5	-5651.6	1893	10.0	84554.1	-5614.9
1624	10.1	82100.9	-5657.2	1714	8.4	83056.4	-5641.6	1804	9.6	83852.0	-5613.9	1894	9.8	84555.6	-5634.4
1625	10.1	82118.9	-5627.0	1715	9.8	83057.4	-5623.9	1805	9.8	83855.0	-5642.6	1895	9.6	84556.1	-5614.8
1626	9.6	82119.9	-5604.4	1716	9.4	83058.9	-5616.6	1806	10.1	83906.0	-5619.1	1896	9.8	84559.1	-5641.2
1627	8.9	82150.4	-5634.7	1717	9.8	83108.9	-5655.5	1807	10.0	83909.8	-5657.9	1897	10.1	84605.1	-5633.0
1628	8.8	82155.4	-5630.4	1718	9.4	83113.4	-5636.1	1808	10.1	83914.0	-5638.4	1898	9.6	84626.0	-5638.0
1629	9.8	82202.4	-5606.4	1719	9.1	83130.9	-5609.5	1809	10.1	83917.5	-5623.4	1899	10.1	84639.6	-5630.2
1630	10.0	82209.9	-5610.9	1720	9.8	83131.4	-5603.2	1810	9.8	83919.5	-5644.1	1900	9.8	84640.8	-5658.7
1631	10.1	82226.4	-5649.6	1721	9.4	83132.4	-5640.0	1811	9.6	83920.5	-5649.0	1901	10.0	84644.6	-5629.8
1632	8.6	82228.4	-5621.2	1722	10.0	83135.4	-5653.8	1812	9.6	83924.0	-5608.6	1902	10.0	84650.1	-5606.6
1633	10.1	82229.4	-5640.7	1723	10.0	83150.9	-5654.1	1813	10.1	83928.0	-5617.1	1903	10.0	84706.1	-5613.4
1634	9.4	82236.4	-5659.6	1724	10.0	83201.4	-5638.5	1814	9.8	83930.5	-5616.2	1904	10.0	84724.6	-5645.2
1635	9.2	82243.9	-5624.0	1725	9.6	83201.9	-5604.0	1815	10.1	83935.5	-5619.1	1905	9.8	84728.1	-5630.0
1636	9.1	82246.4	-5623.8	1726	10.1	83203.2	-5610.5	1816	8.6	83937.5	-5645.1	1906	10.1	84734.6	-5618.3
1637	10.1	82300.4	-5608.8	1727	9.7	83208.4	-5622.5	1817	10.1	83941.0	-5619.2	1907	10.0	84742.6	-5634.9
1638	9.6	82306.4	-5632.0	1728	10.1	83211.4	-5612.5	1818	9.4	83946.3	-5646.3	1908	9.6	84749.1	-5607.3
1639	9.6	82309.4	-5600.3	1729	10.0	83220.4	-5625.6	1819	9.8	83954.8	-5643.7	1909	8.5	84753.6	-5636.4
1640	9.6	82312.4	-5605.4	1730	10.1	83222.4	-5653.5	1820	9.7	84000.3	-5618.6	1910	10.1	84757.1	-5619.9
1641	10.0	82314.4	-5616.5	1731	8.5	83225.9	-5652.6	1821	10.1	84002.8	-5616.5	1911	10.0	84814.1	-5627.3
1642	9.6	82331.9	-5630.0	1732	9.6	83228.4	-5637.9	1822	10.1	84009.3	-5634.8	1912	10.1	84817.6	-5616.0
1643	8.3	82337.9	-5653.5	1733	10.1	83258.9	-5615.6	1823	9.2	84010.3	-5634.2	1913	9.6	84817.6	-5647.7
1644	10.0	82349.4	-5605.3	1734	10.1	83301.4	-5659.8	1824	9.6	84014.8	-5637.1	1914	9.4	84817.8	-5603.0
1645	9.6	82351.9	-5626.2	1735	7.5	83302.9	-5616.5	1825	9.6	84025.5	-5602.7	1915	7.9	84838.5	-5649.4
1646	9.6	82359.4	-5607.3	1736	10.1	83311.4	-5640.1	1826	10.1	84038.8	-5604.5	1916	9.6	84840.5	-5612.2
1647	9.8	82359.9	-5624.1	1737	9.6	83313.9	-5638.1	1827	10.1	84044.3	-5602.3	1917	9.4	84856.5	-5648.4
1648	9.4	82400.9	-5638.9	1738	8.0	83316.4	-5626.1	1828	10.1	84048.3	-5634.8	1918	6.8	84944.0	-5610.6
1649	10.0	82403.9	-5621.5	1739	9.6	83316.4	-5617.7	1829	8.4	84049.8	-5611.3	1919	8.7	84950.5	-5613.8
1650	10.0	82410.9	-5629.8	1740	8.6	83320.9	-5626.6	1830	10.0	84049.8	-5641.8	1920	8.8	84957.5	-5602.8
1651	9.8	82413.9	-5630.5	1741	10.1	83322.4	-5629.6	1831	10.1	84056.8	-5646.7	1921	9.1	84959.0	-5601.0
1652	9.4	82413.9	-5623.1	1742	10.0	83343.9	-5619.1	1832	10.1	84105.3	-5648.2	1922	7.8	85007.6	-5602.8
1653	9.7	82426.9	-5659.2	1743	9.4	83344.9	-5610.8	1833	10.0	84105.8	-5657.6	1923	9.6	85013.5	-5658.8
1654	9.4	82430.9	-5648.4	1744	9.2	83345.7	-5601.2	1834	9.6	84110.8	-5652.9	1924	9.6	85027.0	-5640.0
1655	9.6	82431.1	-5658.4	1745	9.7	83350.9	-5653.6	1835	9.4	84115.8	-5610.2	1925	9.2	85037.5	-5632.9
1656	10.0	82434.4	-5639.7	1746	10.0	83354.4	-5649.6	1836	10.0	84118.3	-5647.0	1926	9.2	85054.5	-5626.4
1657	9.7	82439.9	-5624.1	1747	9.6	83358.9	-5638.0	1837	10.0	84120.3	-5621.7	1927	9.4	85106.5	-5614.8
1658	9.7	82518.4	-5641.4	1748	9.4	83400.5	-5602.2	1838	9.7	84125.8	-5621.7	1928	9.2	85109.0	-5656.1
1659	9.6	82526.4	-5607.4	1749	10.0	83412.9	-5652.0	1839	9.6	84126.0	-5659.7	1929	9.4	85110.0	-5607.5
1660	9.4	82530.9	-5610.3	1750	9.6	83416.9	-5632.8	1840	10.0	84137.8	-5600.7	1930	9.6	85112.6	-5619.0
1661	10.0	82537.4	-5645.7	1751	9.8	83420.9	-5623.0	1841	10.1	84141.3	-5633.2	1931	9.6	85113.0	-5640.4
1662	9.1	82542.4	-5637.1	1752	9.2	83420.9	-5603.1	1842	10.1	84144.8	-5658.7	1932	9.4	85116.5	-5611.7
1663	9.8	82547.4	-5633.8	1753	10.0	83424.9	-5628.1	1843	9.4	84148.3	-5612.8	1933	9.6	85117.0	-5621.4
1664	9.8	82554.9	-5629.2	1754	10.0	83425.4	-5656.2	1844	9.6	84150.3	-5628.7	1934	9.2	85120.0	-5632.8
1665	10.1	82604.9	-5655.3	1755	9.8	83427.4	-5641.0	1845	9.2	84205.3	-5603.8	1935	9.0	85134.0	-5617.9
1666	9.8	82609.9	-5646.5	1756	9.8	83427.9	-5608.0	1846	9.6	84209.8	-5641.2	1936	9.6	85148.8	-5650.5
1667	9.0	82629.9	-5625.5	1757	9.4	83435.9	-5641.7	1847	9.8	84218.3	-5625.7	1937	9.6	85153.5	-5643.4

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1938	9.6	85153.6	-5651.3	2028	8.4	90549.5	-5641.2	2118	9.2	91817.0	-5657.0
1939	9.6	85200.6	-5645.8	2029	9.0	90619.5	-5624.8	2119	9.4	91820.5	-5619.4
1940	9.2	85223.0	-5625.1	2030	9.3	90637.5	-5618.8	2120	9.6	91827.0	-5620.2
1941	9.4	85328.5	-5659.5	2031	9.4	90644.0	-5654.5	2121	9.6	91844.5	-5650.0
1942	8.4	85353.0	-5616.5	2032	9.4	90658.3	-5659.8	2122	9.0	91854.0	-5603.4
1943	8.6	85358.5	-5621.0	2033	9.2	90704.0	-5630.0	2123	9.6	91855.0	-5621.4
1944	9.6	85414.0	-5637.2	2034	9.6	90727.5	-5650.0	2124	9.3	91858.0	-5619.9
1945	9.4	85442.5	-5645.9	2035	9.6	90731.0	-5608.0	2125	9.4	91914.0	-5647.3
1946	8.6	85444.5	-5650.0	2036	8.2	90735.0	-5638.3	2126	9.2	91922.7	-5612.0
1947	9.3	85444.5	-5603.5	2037	9.2	90749.0	-5632.3	2127	9.8	91932.9	-5636.4
1948	8.2	85450.5	-5651.1	2038	9.0	90756.5	-5614.1	2128	10.0	91939.9	-5648.2
1949	8.6	85527.5	-5659.2	2039	9.0	90802.5	-5630.0	2129	10.4	91949.4	-5657.9
1950	9.4	85529.5	-5602.9	2040	9.3	90805.5	-5608.5	2130	10.2	91955.7	-5600.1
1951	9.4	85534.5	-5611.5	2041	9.4	90809.5	-5609.1	2131	9.2	91959.9	-5606.7
1952	9.6	85552.0	-5623.5	2042	9.2	90821.0	-5628.6	2132	8.6	92000.4	-5641.5
1953	9.4	85614.5	-5655.7	2043	9.6	90824.1	-5630.5	2133	10.4	92005.0	-5652.1
1954	9.4	85618.5	-5628.9	2044	9.4	90825.1	-5645.5	2134	9.6	92010.2	-5630.0
1955	9.3	85635.0	-5603.8	2045	9.1	90829.0	-5645.1	2135	10.4	92016.4	-5638.9
1956	9.0	85637.5	-5653.6	2046	9.0	90844.0	-5601.0	2136	9.4	92018.7	-5647.5
1957	9.4	85638.5	-5600.3	2047	9.4	90858.5	-5601.1	2137	10.4	92027.2	-5604.1
1958	9.4	85648.5	-5649.3	2048	9.4	90912.0	-5601.3	2138	8.9	92037.4	-5629.4
1959	9.0	85650.0	-5607.9	2049	8.6	90931.0	-5655.9	2139	9.2	92043.9	-5630.9
1960	9.3	85650.2	-5659.8	2050	9.2	90940.0	-5609.9	2140	10.0	92044.9	-5627.9
1961	9.6	85654.0	-5610.3	2051	9.2	90950.0	-5643.2	2141	10.4	92049.7	-5653.5
1962	8.4	85654.5	-5648.6	2052	9.0	90951.0	-5609.2	2142	9.8	92056.4	-5634.4
1963	8.8	85657.7	-5658.4	2053	9.1	91001.0	-5633.0	2143	10.4	92106.4	-5639.7
1964	9.6	85703.0	-5603.3	2054	9.6	91031.0	-5600.3	2144	10.4	92108.4	-5616.1
1965	9.4	85709.5	-5604.5	2055	9.4	91039.0	-5637.1	2145	10.0	92110.4	-5614.4
1966	9.2	85710.5	-5629.8	2056	9.6	91052.5	-5611.0	2146	10.2	92116.9	-5629.1
1967	9.6	85710.5	-5624.2	2057	9.2	91055.5	-5625.2	2147	9.0	92125.4	-5606.7
1968	8.2	85712.5	-5637.1	2058	8.4	91058.0	-5643.2	2148	10.0	92127.9	-5643.2
1969	9.3	85807.5	-5641.3	2059	9.6	91106.0	-5651.8	2149	10.2	92127.9	-5647.9
1970	8.8	85807.5	-5627.0	2060	8.8	91116.5	-5642.2	2150	10.4	92139.9	-5617.1
1971	9.2	85818.5	-5633.9	2061	9.0	91118.0	-5606.3	2151	10.4	92139.9	-5655.2
1972	8.6	85824.0	-5652.2	2062	8.8	91126.0	-5633.6	2152	9.6	92140.4	-5646.3
1973	9.0	85828.0	-5620.9	2063	9.3	91134.0	-5629.3	2153	10.4	92141.4	-5613.1
1974	9.2	85836.0	-5627.1	2064	9.6	91137.5	-5650.1	2154	7.6	92146.9	-5649.3
1975	9.3	85847.5	-5608.0	2065	9.2	91149.0	-5605.0	2155	10.2	92153.4	-5647.9
1976	9.2	85859.0	-5619.3	2066	9.0	91154.5	-5628.0	2156	10.4	92159.4	-5622.4
1977	8.9	85900.0	-5636.8	2067	9.6	91158.0	-5635.6	2157	10.2	92202.4	-5614.2
1978	9.4	85901.0	-5643.0	2068	9.4	91204.5	-5613.6	2158	10.0	92216.9	-5634.9
1979	9.2	85906.0	-5623.7	2069	8.6	91227.0	-5630.2	2159	10.0	92216.9	-5637.3
1980	9.6	85908.5	-5613.3	2070	9.0	91239.0	-5610.1	2160	9.0	92218.4	-5643.0
1981	9.6	85909.5	-5620.9	2071	9.6	91240.0	-5619.7	2161	10.4	92218.9	-5627.8
1982	9.2	85910.0	-5609.7	2072	9.6	91241.3	-5657.7	2162	9.5	92225.9	-5630.5
1983	9.4	85918.0	-5648.5	2073	8.7	91253.3	-5658.5	2163	9.2	92231.9	-5607.4
1984	9.6	85918.5	-5614.3	2074	9.4	91300.0	-5606.8	2164	10.4	92233.9	-5626.8
1985	9.0	85921.0	-5641.0	2075	9.4	91302.5	-5606.0	2165	10.4	92234.9	-5611.1
1986	9.1	85938.5	-5612.9	2076	9.6	91302.5	-5644.2	2166	10.4	92234.9	-5624.9
1987	8.8	90002.5	-5607.9	2077	9.2	91305.5	-5609.8	2167	10.4	92241.9	-5621.9
1988	9.4	90003.0	-5656.3	2078	8.0	91306.5	-5613.6	2168	10.4	92243.9	-5603.1
1989	9.4	90034.0	-5621.1	2079	9.4	91310.5	-5603.7	2169	9.0	92246.4	-5628.0
1990	9.2	90036.5	-5624.2	2080	9.4	91316.5	-5622.4	2170	9.5	92247.9	-5652.1
1991	9.6	90037.3	-5601.3	2081	9.1	91318.5	-5640.3	2171	10.0	92249.9	-5621.9
1992	8.8	90049.0	-5618.0	2082	9.4	91337.0	-5650.6	2172	10.0	92251.9	-5609.7
1993	9.6	90100.0	-5605.5	2083	9.0	91338.0	-5641.1	2173	9.5	92252.4	-5620.3
1994	9.6	90113.5	-5633.4	2084	9.4	91339.5	-5632.8	2174	9.6	92259.4	-5616.9
1995	9.2	90117.5	-5656.1	2085	9.3	91340.0	-5644.6	2175	10.4	92302.4	-5641.5
1996	9.6	90120.0	-5607.8	2086	9.6	91349.5	-5645.4	2176	10.4	92303.9	-5627.1
1997	8.6	90125.5	-5613.8	2087	9.6	91350.0	-5612.2	2177	10.2	92304.4	-5625.1
1998	9.2	90141.0	-5636.1	2088	9.6	91402.0	-5656.9	2178	10.4	92305.9	-5628.7
1999	9.6	90143.0	-5622.0	2089	9.6	91408.0	-5656.3	2179	10.4	92307.9	-5624.7
2000	9.3	90158.5	-5635.0	2090	9.6	91413.0	-5623.2	2180	10.4	92308.4	-5625.5
2001	9.4	90215.0	-5629.9	2091	8.7	91414.5	-5637.6	2181	10.4	92313.4	-5626.1
2002	9.6	90217.0	-5633.3	2092	9.6	91421.0	-5639.4	2182	9.8	92314.9	-5629.5
2003	9.4	90226.0	-5603.4	2093	9.2	91429.0	-5601.0	2183	9.8	92319.9	-5656.8
2004	9.6	90228.2	-5644.8	2094	9.2	91436.5	-5627.8	2184	8.8	92322.9	-5623.9
2005	9.6	90234.0	-5650.3	2095	8.0	91449.5	-5644.8	2185	10.0	92325.9	-5609.4
2006	9.1	90239.2	-5600.4	2096	8.7	91450.5	-5638.4	2186	8.7	92328.9	-5620.7
2007	9.2	90304.5	-5651.0	2097	8.9	91455.0	-5601.3	2187	10.2	92328.9	-5610.0
2008	9.6	90338.0	-5646.0	2098	9.6	91518.0	-5608.5	2188	10.0	92332.4	-5652.3
2009	9.6	90340.2	-5608.0	2099	9.1	91520.0	-5629.4	2189	10.0	92332.9	-5624.8
2010	7.7	90354.0	-5657.7	2100	8.9	91532.0	-5629.0	2190	10.0	92341.4	-5629.5
2011	9.4	90400.5	-5624.4	2101	9.4	91538.5	-5621.9	2191	10.0	92342.4	-5623.0
2012	9.6	90402.0	-5627.2	2102	9.4	91548.0	-5614.9	2192	10.4	92342.9	-5622.6
2013	9.1	90412.5	-5604.0	2103	9.6	91555.5	-5611.5	2193	9.5	92345.4	-5630.9
2014	9.1	90416.0	-5614.5	2104	9.1	91615.0	-5610.9	2194	10.0	92346.4	-5655.9
2015	9.0	90416.5	-5612.6	2105	8.2	91621.0	-5638.2	2195	10.4	92348.4	-5648.2
2016	9.0	90430.1	-5657.4	2106	9.3	91648.0	-5613.6	2196	10.4	92348.9	-5648.4
2017	8.4	90437.0	-5653.2	2107	9.6	91649.0	-5612.7	2197	9.8	92348.9	-5616.8
2018	9.2	90438.0	-5620.4	2108	9.3	91649.8	-5601.0	2198	10.4	92349.9	-5659.0
2019	9.0	90439.0	-5619.1	2109	8.9	91710.0	-5643.8	2199	10.2	92349.9	-5628.6
2020	8.9	90441.5	-5655.4	2110	9.4	91718.0	-5603.3	2200	9.8	92350.4	-5627.1
2021	8.8	90445.5	-5645.1	2111	9.0	91730.0	-5655.3	2201	9.8	92351.4	-5629.1
2022	9.4	90459.5	-5614.2	2112	8.8	91731.0	-5644.4	2202	8.4	92352.4	-5627.7
2023	9.3	90519.0	-5656.2	2113	9.6	91747.0	-5647.2	2203	9.8	92352.9	-5625.4
2024	9.2	90540.3	-5657.9	2114	9.2	91748.5	-5627.2	2204	9.6	92354.9	-5626.7
2025	9.6	90543.8	-5658.4	2115	7.9	91759.0	-5622.2	2205	10.2	92355.9	-5611.3
2026	9.0	90545.5	-5623.1	2116	9.4	91811.5	-5610.1	2206	10.4	92356.4	-5612.7
2027	9.4	90548.5	-5612.8	2117	9.2	91816.0	-5647.8	2207	9.8	92356.4	-5640.1

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2208	9.5	92357.9	-5626.3	2218	10.4	92422.4	-5619.3	2288	10.4	92823.9	-5606.8
2209	10.0	92405.9	-5631.3	2219	10.4	92423.9	-5623.3	2289	9.8	92824.9	-5625.3
2210	9.8	92406.4	-5630.8	2220	10.4	92426.9	-5626.3	2290	9.8	92826.4	-5630.9
2211	10.4	92409.9	-5629.7	2221	10.4	92427.4	-5623.5	2291	10.2	92826.9	-5651.0
2212	8.6	92411.9	-5647.1	2222	9.2	92429.9	-5652.9	2292	10.4	92829.9	-5628.9
2213	9.0	92413.9	-5627.4	2223	9.0	92431.9	-5615.2	2293	8.9	92836.3	-5634.8
2214	10.4	92414.4	-5632.7	2224	10.4	92433.9	-5618.2	2294	10.2	92839.8	-5651.1
2215	9.6	92414.9	-5628.2	2225	9.8	92434.9	-5624.1	2295	9.8	92845.8	-5605.3
2216	10.2	92416.4	-5646.1	2226	10.2	92434.9	-5634.3	2296	7.5	92847.8	-5658.2
2217	10.4	92417.4	-5631.6	2227	10.2	92437.4	-5634.4	2297	10.4	92849.3	-5601.9
				2228	10.4	92438.4	-5646.0				
				2229	10.4	92444.9	-5619.6				
				2230	9.5	92445.9	-5609.1				
				2231	9.6	92451.9	-5637.3				
				2232	10.4	92455.9	-5626.0				
				2233	10.2	92456.9	-5627.0				
				2234	10.4	92510.4	-5603.1				
				2235	10.4	92515.9	-5603.0				
				2236	10.4	92519.9	-5645.2				
				2237	10.4	92522.9	-5621.9				
				2238	10.4	92523.4	-5647.5				
				2239	10.4	92523.9	-5623.9				
				2240	10.4	92525.9	-5620.0				
				2241	9.8	92534.9	-5652.5				
				2242	10.4	92543.4	-5621.0				
				2243	9.6	92544.4	-5620.4				
				2244	10.4	92545.4	-5603.1				
				2245	9.2	92559.9	-5610.1				
				2246	10.0	92606.9	-5656.0				
				2247	9.8	92614.2	-5600.5				
				2248	10.4	92615.9	-5649.6				
				2249	9.5	92616.4	-5641.1				
				2250	10.0	92616.9	-5653.9				
				2251	7.7	92617.6	-5657.7				
				2252	9.2	92618.4	-5644.9				
				2253	10.4	92620.2	-5601.1				
				2254	10.4	92631.4	-5613.6				
				2255	8.6	92635.9	-5610.7				
				2256	9.8	92637.9	-5650.7				
				2257	10.4	92641.9	-5614.8				
				2258	9.0	92643.4	-5634.9				
				2259	10.0	92647.4	-5618.8				
				2260	10.4	92649.9	-5644.2				
				2261	9.0	92653.4	-5640.0				
				2262	8.8	92658.9	-5648.2				
				2263	10.4	92659.9	-5624.6				
				2264	9.8	92700.9	-5611.2				
				2265	9.6	92701.4	-5652.5				
				2266	9.2	92707.4	-5625.9				
				2267	9.4	92711.9	-5631.8				
				2268	10.2	92716.4	-5621.8				
				2269	10.0	92718.9	-5611.6				
				2270	5.9	92725.4	-5628.9				
				2271	9.6	92728.4	-5607.4				
				2272	10.4	92728.4	-5632.9				
				2273	9.2	92739.4	-5651.0				
				2274	10.4	92741.4	-5606.5				
				2275	10.4	92742.9	-5644.8				
				2276	9.0	92744.9	-5625.8				
				2277	10.0	92755.9	-5614.9				
				2278	10.4	92756.4	-5604.2				
				2279	10.4	92757.9	-5653.2				
				2280	10.4	92758.4	-5618.0				
				2281	10.0	92801.9	-5633.5				
				2282	7.4	92804.9	-5626.2				
				2283	10.2	92806.9	-5603.9				
				2284	10.4	92809.4	-5624.1				
				2285	10.4	92812.4	-5632.2				
				2286	10.4	92816.4	-5621.6				
				2287	9.6	92822.9	-5635.8				

-56 2298 9h28m

-56 2657 9h51m

2298	9.4	92853.8	-5612.0	2388	9.2	93417.3	-5637.6	2478	10.4	94017.8	-5656.2	2568	10.2	94602.7 -5641.3
2299	9.6	92854.8	-5614.8	2389	10.0	93423.2	-5602.8	2479	9.5	94020.8	-5653.0	2569	8.6	94611.7 -5657.9
2300	7.4	92858.3	-5632.3	2390	10.2	93429.3	-5615.9	2480	10.0	94020.8	-5606.0	2570	10.4	94619.4 -5659.9
2301	9.5	92907.8	-5601.9	2391	10.2	93431.3	-5633.2	2481	10.4	94021.8	-5640.7	2571	10.2	94624.7 -5650.1
2302	10.4	92911.8	-5632.3	2392	10.4	93432.3	-5658.9	2482	9.6	94026.3	-5621.0	2572	9.8	94626.7 -5605.8
2303	9.0	92916.8	-5620.1	2393	7.6	93433.7	-5658.0	2483	10.4	94029.7	-5652.9	2573	10.4	94626.7 -5604.7
2304	9.6	92918.8	-5635.7	2394	10.4	93435.3	-5643.2	2484	10.4	94038.2	-5610.5	2574	10.4	94628.7 -5645.5
2305	10.2	92919.8	-5646.2	2395	9.8	93436.3	-5608.8	2485	10.0	94040.7	-5654.6	2575	10.2	94632.7 -5658.3
2306	9.8	92922.8	-5623.8	2396	10.4	93439.8	-5632.3	2486	10.2	94043.2	-5600.0	2576	10.4	94642.7 -5635.1
2307	10.0	92924.8	-5623.8	2397	10.4	93439.8	-5627.5	2487	10.4	94043.9	-5602.1	2577	10.2	94648.7 -5653.5
2308	9.8	92926.3	-5643.2	2398	8.7	93447.8	-5614.5	2488	10.2	94046.7	-5632.3	2578	10.2	94650.2 -5637.6
2309	10.4	92926.3	-5642.6	2399	9.2	93451.8	-5618.5	2489	10.4	94053.7	-5641.5	2579	10.2	94651.7 -5619.9
2310	10.4	92929.3	-5647.9	2400	9.4	93458.8	-5617.8	2490	10.4	94054.7	-5622.9	2580	10.4	94659.7 -5641.7
2311	10.4	92933.3	-5628.1	2401	9.6	93504.8	-5621.6	2491	7.9	94055.7	-5659.7	2581	10.4	94703.2 -5631.1
2312	10.0	92937.3	-5600.5	2402	10.4	93512.8	-5623.1	2492	10.2	94056.7	-5656.1	2582	10.0	94704.7 -5640.5
2313	9.0	92939.3	-5654.9	2403	9.6	93518.8	-5640.1	2493	10.0	94104.2	-5618.7	2583	10.4	94712.7 -5649.3
2314	10.0	92943.3	-5642.8	2404	10.2	93518.8	-5603.0	2494	9.6	94106.7	-5638.9	2584	9.6	94713.7 -5650.4
2315	9.6	92944.3	-5651.9	2405	10.0	93519.8	-5655.0	2495	10.4	94126.2	-5641.4	2585	10.0	94718.7 -5648.7
2316	10.4	92948.3	-5607.8	2406	10.2	93525.3	-5618.4	2496	9.8	94131.7	-5611.1	2586	10.4	94721.7 -5615.7
2317	10.4	92949.3	-5618.3	2407	9.0	93531.0	-5657.4	2497	10.4	94132.7	-5652.6	2587	10.4	94723.7 -5614.5
2318	9.8	92950.8	-5603.9	2408	10.4	93532.8	-5647.6	2498	8.5	94138.2	-5609.6	2588	10.4	94726.7 -5610.7
2319	8.6	92951.8	-5636.4	2409	10.4	93541.2	-5601.5	2499	6.9	94140.2	-5636.6	2589	10.4	94729.6 -5657.7
2320	9.6	92955.3	-5646.3	2410	9.6	93543.0	-5659.0	2500	10.0	94142.7	-5618.1	2590	10.2	94729.7 -5604.7
2321	10.4	92956.3	-5634.2	2411	10.0	93543.8	-5642.4	2501	10.0	94142.7	-5647.8	2591	10.2	94733.7 -5648.3
2322	10.4	92958.3	-5646.0	2412	9.8	93546.8	-5628.7	2502	8.6	94144.2	-5625.5	2592	9.2	94735.7 -5627.3
2323	9.0	93004.8	-5618.0	2413	10.4	93548.8	-5629.0	2503	9.6	94144.7	-5638.8	2593	10.2	94735.7 -5613.9
2324	10.4	93007.3	-5633.1	2414	10.4	93550.8	-5609.4	2504	10.2	94150.7	-5623.5	2594	8.7	94740.7 -5632.1
2325	9.4	93009.8	-5642.4	2415	8.4	93551.8	-5644.2	2505	10.2	94157.7	-5646.4	2595	9.6	94746.2 -5616.1
2326	10.4	93013.3	-5608.3	2416	9.0	93558.3	-5642.2	2506	9.8	94159.2	-5614.3	2596	9.8	94751.2 -5647.9
2327	10.4	93018.3	-5615.9	2417	10.4	93559.3	-5605.3	2507	9.2	94159.7	-5623.0	2597	9.8	94753.7 -5611.9
2328	10.4	93027.3	-5619.0	2418	10.4	93600.8	-5606.0	2508	10.0	94200.7	-5615.8	2598	10.4	94754.2 -5626.9
2329	9.6	93031.3	-5619.6	2419	10.4	93603.0	-5633.3	2509	9.4	94201.7	-5636.1	2599	9.0	94806.7 -5624.3
2330	8.6	93031.3	-5617.1	2420	10.0	93615.3	-5637.6	2510	9.8	94204.7	-5628.8	2600	9.6	94809.7 -5603.8
2331	10.2	93037.3	-5631.4	2421	9.6	93622.3	-5618.2	2511	9.6	94216.2	-5645.9	2601	10.4	94810.7 -5606.3
2332	9.8	93041.3	-5605.1	2422	9.0	93627.8	-5612.0	2512	9.6	94218.2	-5611.9	2602	9.8	94811.2 -5652.2
2333	10.4	93043.3	-5600.4	2423	10.0	93629.8	-5649.4	2513	10.4	94223.7	-5634.8	2603	10.0	94820.7 -5646.5
2334	10.4	93044.3	-5603.7	2424	10.4	93630.3	-5638.2	2514	8.4	94228.1	-5600.1	2604	9.8	94823.2 -5600.9
2335	10.4	93048.8	-5633.1	2425	9.8	93631.3	-5626.0	2515	10.4	94232.7	-5608.6	2605	10.4	94840.7 -5651.2
2336	10.4	93050.8	-5600.0	2426	9.6	93638.3	-5610.2	2516	10.4	94237.2	-5655.0	2606	9.8	94857.7 -5601.3
2337	10.4	93054.3	-5658.9	2427	10.4	93642.8	-5600.9	2517	10.2	94238.2	-5655.7	2607	9.2	94901.7 -5651.1
2338	9.6	93101.3	-5631.2	2428	10.2	93647.8	-5656.0	2518	10.4	94239.2	-5655.1	2608	9.0	94903.2 -5635.3
2339	10.2	93112.8	-5641.9	2429	9.4	93648.8	-5616.8	2519	10.4	94239.2	-5619.1	2609	10.4	94905.7 -5637.5
2340	9.6	93118.3	-5625.2	2430	9.4	93650.3	-5633.2	2520	9.4	94239.7	-5657.9	2610	10.4	94909.2 -5610.1
2341	10.4	93122.3	-5644.1	2431	10.0	93659.8	-5639.0	2521	9.8	94239.7	-5644.3	2611	10.4	94910.7 -5653.7
2342	10.4	93132.3	-5639.6	2432	10.4	93701.3	-5630.6	2522	10.2	94246.7	-5601.7	2612	10.4	94912.3 -5647.7
2343	10.2	93137.8	-5645.3	2433	10.4	93702.8	-5619.8	2523	10.4	94252.1	-5601.9	2613	10.0	94912.7 -5623.1
2344	10.4	93146.8	-5609.9	2434	9.2	93703.8	-5626.7	2524	10.4	94253.7	-5625.3	2614	10.4	94912.7 -5620.7
2345	10.4	93148.8	-5612.4	2435	7.5	93705.8	-5641.4	2525	10.4	94255.2	-5646.5	2615	10.0	94915.2 -5603.1
2346	10.4	93151.8	-5649.7	2436	10.4	93717.8	-5639.6	2526	10.0	94257.7	-5641.7	2616	10.4	94915.7 -5609.8
2347	9.4	93156.8	-5645.2	2437	10.2	93722.8	-5647.0	2527	10.4	94257.7	-5612.5	2617	10.4	94920.7 -5614.1
2348	9.8	93156.8	-5611.7	2438	10.4	93724.3	-5600.7	2528	10.0	94301.7	-5640.6	2618	9.8	94921.2 -5613.9
2349	10.4	93158.3	-5655.0	2439	10.2	93728.8	-5622.4	2529	10.4	94306.7	-5631.1	2619	10.4	94927.2 -5653.1
2350	10.0	93202.3	-5632.4	2440	9.4	93729.8	-5641.2	2530	10.2	94309.4	-5608.8	2620	10.4	94928.2 -5631.8
2351	10.2	93204.8	-5654.7	2441	9.0	93732.8	-5657.2	2531	9.2	94309.7	-5645.9	2621	10.4	94929.7 -5632.0
2352	10.4	93212.7	-5609.2	2442	10.4	93732.8	-5646.4	2532	10.0	94317.2	-5658.9	2622	9.6	94932.7 -5615.1
2353	9.6	93219.8	-5609.3	2443	9.8	93733.8	-5628.0	2533	7.9	94320.2	-5610.9	2623	10.4	94932.7 -5655.8
2354	9.2	93223.1	-5602.0	2444	10.2	93740.3	-5641.4	2534	10.4	94323.7	-5637.3	2624	10.4	94939.7 -5611.5
2355	10.0	93231.3	-5648.2	2445	10.0	93741.3	-5645.4	2535	10.4	94325.7	-5608.7	2625	10.2	94941.7 -5634.0
2356	9.4	93233.8	-5640.2	2446	10.4	93749.3	-5618.2	2536	10.0	94334.7	-5631.7	2626	10.0	94946.7 -5628.9
2357	10.4	93239.8	-5630.9	2447	10.4	93750.8	-5645.2	2537	10.2	94342.2	-5649.3	2627	10.0	94957.7 -5626.9
2358	9.8	93239.8	-5626.8	2448	10.2	93753.3	-5657.0	2538	10.0	94346.7	-5614.6	2628	10.2	95001.2 -5614.5
2359	10.4	93241.3	-5656.1	2449	10.0	93758.3	-5633.5	2539	9.8	94349.7	-5624.5	2629	9.8	95009.7 -5629.1
2360	9.8	93241.8	-5608.9	2450	9.8	93759.5	-5657.3	2540	9.2	94359.7	-5652.5	2630	10.4	95009.7 -5654.3
2361	10.4	93248.3	-5627.6	2451	10.4	93800.8	-5608.8	2541	10.2	94406.2	-5619.7	2631	10.4	95011.7 -5655.3
2362	10.4	93248.8	-5650.1	2452	9.5	93801.3	-5648.4	2542	10.4	94408.2	-5622.1	2632	10.0	95021.7 -5609.9
2363	10.4	93249.3	-5609.7	2453	10.2	93811.3	-5636.6	2543	10.4	94409.7	-5624.8	2633	10.4	95026.7 -5648.1
2364	10.4	93251.8	-5630.4	2454	10.4	93812.4	-5601.2	2544	10.2	94411.2	-5622.5	2634	9.2	95029.7 -5600.9
2365	8.9	93251.8	-5634.3	2455	10.0	93816.3	-5617.0	2545	10.4	94419.7	-5630.3	2635	8.9	95030.2 -5634.8
2366	10.4	93253.3	-5630.8	2456	10.2	93823.3	-5641.1	2546	10.4	94421.2	-5640.3	2636	9.5	95031.7 -5600.6
2367	10.4	93259.8	-5621.8	2457	10.4	93828.3	-5624.1	2547	10.2	94422.2	-5614.1	2637	10.2	95031.7 -5639.7
2368	9.6	93302.8	-5631.1	2458	10.4	93828.8	-5618.4	2548	10.2	94429.7	-5650.6	2638	10.4	95035.7 -5607.3
2369	10.4	93303.3	-5646.9	2459	10.4	93829.8	-5628.5	2549	8.6	94437.7	-5629.8	2639	10.4	95035.7 -5626.2
2370	10.2	93304.5	-5657.9	2460	10.4	93838.3	-5611.7	2550	10.0	94445.7	-5614.4	2640	10.2	95038.2 -5655.7
2371	10.2	93308.3	-5603.9	2461	9.2	93853.3	-5602.2	2551	10.2	94446.2	-5606.8	2641	10.2	95039.8 -5610.3
2372	9.8	93310.8	-5651.1	2462	10.0	93902.3	-5643.4	2552	10.4	94452.7	-5637.9	2642	10.2	95043.2 -5656.7
2373	9.5	93319.8	-5630.8	2463	8.6	93908.0	-5659.8	2553	10.4	94456.2	-5636.9	2643	9.5	95043.2 -5639.0
2374	10.4	93324.3	-5628.8	2464	10.0	93908.3	-5646.0	2554	9.5	94503.2	-5623.5	2644	9.4	95047.2 -5630.0
2375	10.4	93327.3	-5600.7	2465	9.5	93918.8	-5615.3	2555	9.6	94515.2	-5615.5	2645	9.4	95058.2 -5622.3
2376	10.4	93330.3	-5610.0	2466	10.4	93928.3	-5642.6	2556	10.2	94515.7	-5647.2	2646	6.9	95058.7 -5647.5
2377	9.6	93339.8	-5610.4	2467	9.0	93929.8	-5653.3	2557	9.2	94520.7	-5659.9	2647	9.8	95059.7 -5613.8
2378	10.4	93345.3	-5608.7	2468	9.6	93929.8	-5620.0	2558	9.8	94526.2	-5658.7	2648	9.6	95103.2 -5627.0
2379	10.4	93356.8	-5605.0	2469	10.2	93931.3	-5640.6	2559	10.4	94530.2	-5605.8	2649	10.4	95105.2 -5609.6
2380	10.2	93402.8	-5640.6	2470	7.8	93932.8	-5622.8	2560	10.4	94530.9	-5657.9	2650	10.4	95109.2 -5642.3
2381	10.4	93407.8	-5619.0	2471	10.0	93943.3	-5609.4	2561	10.4	94535.7	-5618.5	2651	9.6	95112.7 -5605.8
2382	9.0	93408.3	-5618.1	2472	10.4	93955.3	-5647.9	2562	9.5	94536.4	-5657.9	2652	10.0	95114.2 -5629.0
2383	8.6	93410.8	-5623.8	2473	10.4	93958.8	-5637.6	2563	10.4	94547.7	-5650.1	2653	10.0	95117.7 -5647.4
2384	9.6	93411.3	-5630.1	2474	9.4	94001.8	-5616.4	2564	10.2	94555.7	-5652.6	2654	9.8	95119.7 -5609.9
2385	9.6	93412.8	-5601.6	2475	10.4	94007.8	-5607.2	2565	9.5	94556.2	-5625.3	2655	10.4	95120.1 -5600.1
2386	10.4	93414.3	-5623.2	2476	10.4	94013.3	-5658.6	2566	9.8	94556.7	-5608.7	2656	9.2	95120.7 -5650.2
2387	10.4	93414.3	-5655.3	2477	9.8	94014.3	-5648.0	2567	10.4	94601.2	-5614.8	2657	10.0	95121.7 -5630.1

-56 2658 9h51m

-56 3017 10h09m

2658	9.0	95122.0	-5620.6	2748	9.8	95622.3	-5632.1	2838	9.9	100129.2	-5632.0
2659	10.4	95129.7	-5608.2	2749	10.4	95622.8	-5646.8	2839	8.8	100133.1	-5604.3
2660	10.4	95131.7	-5610.6	2750	9.9	95623.8	-5603.0	2840	10.5	100138.6	-5616.6
2661	9.8	95137.3	-5609.3	2751	10.5	95627.3	-5627.4	2841	10.2	100142.6	-5654.0
2662	10.4	95139.2	-5642.3	2752	10.2	95639.3	-5609.2	2842	10.4	100142.6	-5659.0
2663	9.6	95141.5	-5606.9	2753	9.4	95648.3	-5629.8	2843	9.8	100147.1	-5617.0
2664	10.4	95141.7	-5616.0	2754	10.4	95648.4	-5619.9	2844	9.6	100147.1	-5626.8
2665	10.2	95143.2	-5601.5	2755	10.5	95649.3	-5627.9	2845	10.2	100148.6	-5641.6
2666	10.4	95148.7	-5640.4	2756	9.2	95654.8	-5620.6	2846	9.4	100151.6	-5641.0
2667	10.4	95150.7	-5627.0	2757	10.4	95655.8	-5633.9	2847	10.0	100200.6	-5651.0
2668	9.6	95153.0	-5656.5	2758	8.6	95656.8	-5604.0	2848	10.0	100202.1	-5624.1
2669	9.2	95155.3	-5630.4	2759	10.4	95702.3	-5656.4	2849	10.4	100203.6	-5644.6
2670	10.0	95156.2	-5607.9	2760	10.4	95701.8	-5620.0	2850	10.2	100212.6	-5620.0
2671	10.4	95201.2	-5640.8	2761	9.8	95703.3	-5639.4	2851	10.5	100217.6	-5648.8
2672	9.6	95201.7	-5652.9	2762	10.0	95703.3	-5637.7	2852	10.5	100219.1	-5616.4
2673	8.7	95202.0	-5654.0	2763	10.0	95707.3	-5655.4	2853	10.0	100220.6	-5649.0
2674	10.2	95211.0	-5613.1	2764	9.0	95711.3	-5634.3	2854	10.2	100224.5	-5627.0
2675	10.4	95219.7	-5601.4	2765	9.9	95712.8	-5606.7	2855	10.0	100224.6	-5602.5
2676	10.2	95224.7	-5658.1	2766	10.0	95713.8	-5633.1	2856	10.2	100224.6	-5635.2
2677	10.0	95225.8	-5625.8	2767	10.0	95715.3	-5616.3	2857	9.2	100226.1	-5647.1
2678	10.4	95229.3	-5640.7	2768	9.9	95731.3	-5618.1	2858	9.9	100227.1	-5603.1
2679	10.4	95239.0	-5659.4	2769	9.9	95740.8	-5631.1	2859	10.2	100228.1	-5605.5
2680	10.5	95239.5	-5633.6	2770	7.8	95743.8	-5644.8	2860	9.2	100231.6	-5623.4
2681	10.0	95239.8	-5636.5	2771	10.0	95748.3	-5614.0	2861	9.8	100231.6	-5650.4
2682	10.5	95239.8	-5618.5	2772	10.5	95748.8	-5617.7	2862	10.5	100233.1	-5600.2
2683	10.2	95249.8	-5630.5	2773	9.4	95758.8	-5617.1	2863	10.4	100234.6	-5631.0
2684	10.2	95258.8	-5642.6	2774	10.5	95759.8	-5635.3	2864	10.4	100234.6	-5632.6
2685	10.2	95259.3	-5611.7	2775	10.0	95801.8	-5605.9	2865	9.6	100243.1	-5636.2
2686	10.4	95302.8	-5611.9	2776	10.0	95808.3	-5629.0	2866	9.9	100243.6	-5610.4
2687	9.2	95303.3	-5658.9	2777	10.4	95811.8	-5647.3	2867	10.4	100251.1	-5641.4
2688	10.2	95305.5	-5601.8	2778	10.4	95812.3	-5618.4	2868	9.8	100252.1	-5630.2
2689	10.2	95306.3	-5616.3	2779	10.4	95812.3	-5619.0	2869	8.8	100253.6	-5627.2
2690	10.4	95307.0	-5600.5	2780	10.5	95818.3	-5653.2	2870	10.0	100259.6	-5625.3
2691	10.0	95307.3	-5618.7	2781	10.2	95818.3	-5604.4	2871	9.2	100300.1	-5658.2
2692	10.5	95310.8	-5612.3	2782	10.4	95820.3	-5628.6	2872	10.2	100302.1	-5607.6
2693	10.5	95323.7	-5628.5	2783	9.4	95823.3	-5655.7	2873	9.6	100304.0	-5610.5
2694	8.2	95323.8	-5616.1	2784	10.4	95825.8	-5603.9	2874	9.9	100306.0	-5625.2
2695	10.5	95323.8	-5615.0	2785	10.0	95826.3	-5614.6	2875	8.2	100311.5	-5656.4
2696	10.0	95324.3	-5630.6	2786	10.0	95839.3	-5627.0	2876	10.2	100315.0	-5636.3
2697	10.4	95324.3	-5659.6	2787	9.9	95851.3	-5636.6	2877	10.4	100316.5	-5632.5
2698	9.6	95333.8	-5642.9	2788	9.9	95853.8	-5638.4	2878	9.9	100318.0	-5629.4
2699	9.4	95335.3	-5626.3	2789	9.0	95854.3	-5615.6	2879	10.5	100325.1	-5658.2
2700	10.2	95335.3	-5614.1	2790	9.9	95855.3	-5646.8	2880	10.0	100331.0	-5624.1
2701	9.9	95337.3	-5614.9	2791	10.0	95901.8	-5614.0	2881	10.5	100333.0	-5651.0
2702	10.0	95337.3	-5650.6	2792	9.4	95904.3	-5635.9	2882	10.5	100334.5	-5651.0
2703	8.5	95339.8	-5648.6	2793	10.5	95911.3	-5637.0	2883	10.0	100337.0	-5612.8
2704	10.4	95343.8	-5649.4	2794	9.6	95913.3	-5603.5	2884	10.5	100342.0	-5618.6
2705	10.5	95348.3	-5613.0	2795	10.4	95913.8	-5611.9	2885	9.7	100343.0	-5618.6
2706	10.0	95348.3	-5657.7	2796	10.2	95916.3	-5632.7	2886	9.6	100345.5	-5624.1
2707	9.7	95351.8	-5618.6	2797	10.4	95918.3	-5645.2	2887	9.9	100348.5	-5651.0
2708	10.0	95353.8	-5631.2	2798	8.8	95918.8	-5657.9	2888	10.5	100350.0	-5602.8
2709	10.4	95355.8	-5614.6	2799	10.5	95924.8	-5609.8	2889	10.4	100351.0	-5629.1
2710	10.2	95359.3	-5634.6	2800	10.0	95934.3	-5604.7	2890	10.5	100354.5	-5603.2
2711	10.0	95401.8	-5609.6	2801	10.0	95934.8	-5606.8	2891	10.2	100358.0	-5644.0
2712	9.4	95407.3	-5654.1	2802	9.9	95941.2	-5619.0	2892	8.2	100358.5	-5640.8
2713	10.2	95413.3	-5649.2	2803	10.0	95943.7	-5629.0	2893	9.8	100401.5	-5644.4
2714	10.5	95417.3	-5630.7	2804	10.5	95945.7	-5630.0	2894	10.2	100404.5	-5650.4
2715	10.5	95419.1	-5657.5	2805	10.5	95947.7	-5631.0	2895	10.2	100411.0	-5659.9
2716	9.6	95429.8	-5626.0	2806	10.5	95949.4	-5627.1	2896	10.0	100413.0	-5642.2
2717	9.2	95430.3	-5604.7	2807	10.0	95950.4	-5621.1	2897	9.8	100413.0	-5622.5
2718	10.0	95431.3	-5641.0	2808	10.2	95953.2	-5644.6	2898	10.2	100419.5	-5645.2
2719	9.6	95431.5	-5658.9	2809	9.2	95953.2	-5644.0	2899	10.0	100422.0	-5643.4
2720	10.2	95443.3	-5612.9	2810	10.0	95953.7	-5626.9	2900	10.4	100424.5	-5626.0
2721	10.4	95452.8	-5601.9	2811	10.4	95955.7	-5631.2	2901	10.0	100427.0	-5638.3
2722	10.5	95454.3	-5632.0	2812	10.2	100001.7	-5603.0	2902	9.6	100427.5	-5601.2
2723	9.8	95503.8	-5651.1	2813	10.0	100001.7	-5617.0	2903	10.4	100427.6	-5600.2
2724	10.5	95505.8	-5640.2	2814	10.0	100003.7	-5624.2	2904	9.9	100431.0	-5630.4
2725	10.5	95509.3	-5650.5	2815	10.0	100016.0	-5656.8	2905	10.5	100434.5	-5656.0
2726	9.7	95513.8	-5620.3	2816	10.2	100017.2	-5655.5	2906	9.8	100438.5	-5646.6
2727	10.4	95514.8	-5610.9	2817	10.4	100018.7	-5600.0	2907	9.9	100439.0	-5626.6
2728	10.4	95516.8	-5620.9	2818	10.5	100020.4	-5642.7	2908	9.8	100444.5	-5622.8
2729	9.2	95517.3	-5633.2	2819	10.5	100021.7	-5626.6	2909	10.0	100457.0	-5611.0
2730	9.0	95518.8	-5629.2	2820	10.5	100022.7	-5635.1	2910	10.0	100458.5	-5610.9
2731	9.7	95520.3	-5613.3	2821	10.5	100023.2	-5635.4	2911	9.6	100500.0	-5629.2
2732	10.5	95523.3	-5645.5	2822	10.4	100024.7	-5625.8	2912	8.8	100503.5	-5654.0
2733	10.0	95524.8	-5633.4	2823	10.5	100029.2	-5609.6	2913	10.5	100503.8	-5635.4
2734	9.4	95531.3	-5655.0	2824	10.0	100032.2	-5647.2	2914	9.8	100504.0	-5602.9
2735	10.2	95532.3	-5643.8	2825	7.6	100041.7	-5617.4	2915	10.2	100506.5	-5629.6
2736	9.8	95546.8	-5622.0	2826	10.5	100046.6	-5602.2	2916	9.6	100510.0	-5646.0
2737	9.6	95553.3	-5632.6	2827	10.0	100053.2	-5622.7	2917	9.2	100511.0	-5602.5
2738	10.2	95553.8	-5612.0	2828	10.0	100058.2	-5620.0	2918	8.3	100524.0	-5603.4
2739	9.9	95557.8	-5659.1	2829	9.9	100059.7	-5651.0	2919	8.3	100524.0	-5608.1
2740	9.2	95601.8	-5638.9	2830	9.7	100100.7	-5607.1	2920	10.5	100527.0	-5646.4
2741	10.4	95604.3	-5659.4	2831	10.0	100101.7	-5623.7	2921	10.2	100531.5	-5628.4
2742	9.9	95612.8	-5652.9	2832	9.9	100104.2	-5650.0	2922	10.0	100532.0	-5631.0
2743	9.9	95613.3	-5613.9	2833	9.6	100110.7	-5634.4	2923	10.4	100533.0	-5609.2
2744	10.2	95613.3	-5642.9	2834	10.4	100112.7	-5657.2	2924	10.0	100538.0	-5621.3
2745	10.0	95614.8	-5651.0	2835	9.8	100113.7	-5616.4	2925	9.9	100538.5	-5641.0
2746	7.8	95619.8	-5620.7	2836	10.0	100117.2	-5605.9	2926	10.0	100544.0	-5642.6
2747	9.4	95619.8	-5606.8	2837	10.0	100128.7	-5618.4	2927	9.6	100546.5	-5622.0
2928	10.0	100548.0	-5639.5								
2929	9.2	100551.0	-5641.4								
2930	9.2	100557.5	-5608.2								
2931	10.4	100601.5	-5650.0								
2932	9.2	100602.0	-5656.7								
2933	10.2	100603.0	-5605.0								
2934	10.0	100603.0	-5637.2								
2935	9.7	100604.5	-5639.6								
2936	8.8	100611.5	-5639.8								
2937	9.9	100613.5	-5630.7								
2938	10.0	100613.5	-5649.7								
2939	8.8	100615.0	-5619.2								
2940	10.4	100615.5	-5642.6								
2941	10.0	100617.0	-5601.1								
2942	9.2	100618.0	-5612.2								
2943	10.0	100619.9	-5654.7								
2944	10.0	100622.4	-5615.4								
2945	9.2	100622.9	-5654.3								
2946	9.8	100624.4	-5649.1								
2947	9.2	100626.9	-5649.8								
2948	9.9	100628.9	-5611.7								
2949	9.7	100634.4	-5632.4								
2950	10.0	100636.9	-5625.1								
2951	10.4	100638.4	-5648.6								
2952	10.2	100638.7	-5601.7								
2953	10.2	100641.4	-5651.9								
2954	10.2	100641.9	-5645.4								
2955	10.4	100642.0	-5622.8								
2956	10.4	100643.9	-5640.6								
2957	9.6	100644.4	-5647.6								
2958	9.4	100646.9	-5617.2								
2959	10.4	100647.4	-5639.7								
2960	9.9	100648.4	-5622.8								
2961	10.5	100651.9	-5616.0								
2962	10.4	100653.9	-5622.2								
2963	10.4	100657.9	-5645.0								
2964	10.2	100700.4	-5634.0								
2965	9.7	100703.9	-5617.4								
2966	10.4	100708.9	-5642.9								
2967	10.2	100716.9	-5631.5								
2968	10.2	100717.4	-5606.8								
2969	10.0	100718.4	-5614.2								
2970	9.8	100724.4	-5636.2								
2971	10.0	100725.4	-5616.6								
2972	10.2	100725.9	-5621.4								
2973	10.4	100730.9	-5634.6								
2974	10.2	100735.9	-5606.7								
2975	10.5	100738.9	-5638.0								
2976	9.8	100739.9	-5618.5								
2977	9.8	100750.4	-5626.0								
2978	10.2	100751.4	-5606.6								
2979	10.2	100756.9	-5620.0								
2980	10.4	100802.9	-5631.1								
2981	9.4	100804.4	-5640.8								
2982	10.5	100804.8	-5658.7								
2983	9.6	100811.9	-5658.8								
2984	10.4	100812.1	-5657.8								
2985	10.0	100824.4	-5647.0								
2986	10.0	100826.4	-5638.7								
2987	10.0	100829.9	-5640.2								
2988	10.0	100834.9	-5606.4								
2989	9.7	100837.9	-5650.0								
2990	10.0	100839.9	-5619.9								
2991	10.2	100840.4	-5619.0								
2992	10.0	100840.9	-5603.0								
2993	10.2	100841.4	-5641.0								
2994	10.2	100842.4	-5619.0								
2995	10.4	100845.6	-5658.1								
2996	10.0	100850.9	-5640.0								
2997	8.5	100851.9	-5651.4								
2998	9.9	100854.4	-5634.7								
2999	10.0	100855.4	-5605.6								
3000	10.5	100856.8	-5628.1								
3001	10.2	100857.4	-5649.9								
3002	10.4	100902.4	-5608.2								
3003	10.4	100902.9	-5642.6								
3004	10.5	100905.4	-5621.7								
3005	10.0	100908.9	-5621.2								
3006	10.2	100913.4	-5656.6								
3007	10.0	100914.4	-5653.6								
3008	10.2	100917.4	-5659.5								
3009	10.2	100917.8	-5649.2								
3010	10.0	100921.8	-5656.2								
3011	10.0	100921.8	-5622.8								
3012	10.0	100922.8	-5642.0								
3013	10.4	100925.8	-5622.0								
3014	10.2	100930.3	-5626.6								
3015	10.2	100930.8	-5637.3								
3016	9.7	100932.8	-5628.8								
3017	10.2	100937.3	-5626.2								

-56 3018 10h09m

-56 3377 10h23m

3018	10.4	100938.8	-5614.6	3108	10.0	101356.6	-5650.7	3198	10.0	101721.9	-5636.9
3019	9.6	100947.8	-5634.4	3109	9.4	101357.1	-5625.5	3199	10.2	101722.9	-5645.1
3020	9.8	100949.3	-5615.2	3110	10.5	101403.1	-5605.6	3200	10.5	101724.6	-5657.9
3021	9.9	100952.8	-5634.2	3111	9.9	101407.1	-5635.0	3201	10.0	101726.9	-5614.0
3022	9.7	100955.3	-5614.9	3112	9.9	101407.6	-5618.9	3202	10.2	101728.9	-5634.3
3023	10.0	100958.7	-5658.6	3113	10.2	101413.1	-5645.1	3203	9.8	101732.4	-5612.6
3024	9.4	101000.3	-5629.7	3114	10.4	101415.1	-5647.2	3204	10.5	101736.4	-5609.1
3025	10.4	101002.8	-5600.0	3115	10.4	101416.6	-5617.1	3205	9.4	101737.9	-5653.8
3026	10.4	101005.8	-5641.6	3116	10.2	101421.6	-5648.2	3206	9.4	101737.9	-5653.1
3027	10.5	101009.3	-5605.0	3117	10.2	101422.6	-5607.5	3207	10.0	101737.9	-5646.1
3028	9.2	101016.8	-5620.2	3118	10.5	101426.6	-5607.5	3208	10.4	101739.9	-5610.3
3029	10.0	101017.3	-5619.8	3119	9.4	101428.1	-5633.1	3209	9.2	101743.4	-5644.0
3030	9.9	101018.8	-5626.6	3120	10.2	101431.6	-5644.7	3210	9.4	101744.4	-5647.7
3031	9.7	101022.8	-5611.2	3121	9.0	101433.1	-5600.9	3211	10.2	101747.4	-5658.1
3032	10.2	101026.8	-5604.6	3122	10.4	101434.6	-5652.1	3212	9.9	101748.9	-5656.1
3033	9.4	101030.8	-5603.0	3123	10.2	101438.6	-5644.4	3213	10.4	101750.4	-5634.2
3034	9.8	101033.3	-5650.2	3124	10.5	101439.4	-5658.0	3214	10.0	101752.4	-5622.3
3035	9.8	101033.8	-5622.7	3125	9.8	101444.6	-5623.2	3215	10.0	101753.9	-5612.0
3036	9.9	101039.3	-5639.2	3126	10.0	101449.6	-5655.2	3216	10.0	101755.9	-5632.8
3037	10.0	101045.1	-5601.2	3127	9.4	101450.6	-5633.6	3217	10.2	101758.4	-5635.0
3038	10.5	101045.8	-5605.5	3128	10.0	101457.1	-5654.1	3218	10.0	101758.9	-5618.9
3039	10.5	101047.8	-5631.0	3129	10.4	101502.1	-5647.0	3219	10.2	101800.4	-5656.1
3040	10.0	101052.8	-5645.2	3130	10.0	101502.5	-5647.2	3220	10.5	101800.9	-5655.6
3041	9.6	101052.8	-5637.8	3131	8.8	101503.5	-5646.6	3221	9.6	101802.4	-5649.3
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3043	8.8	101059.3	-5630.2	3133	9.7	101503.5	-5607.8	3223	10.0	101805.4	-5621.5
3044	9.8	101101.8	-5651.0	3134	9.8	101503.5	-5617.3	3224	10.5	101812.9	-5609.0
3045	10.5	101101.8	-5608.0	3135	9.2	101503.5	-5629.9	3225	9.6	101816.4	-5625.0
3046	10.5	101101.8	-5640.8	3136	10.2	101504.5	-5645.2	3226	10.4	101817.4	-5634.1
3047	10.4	101104.3	-5651.2	3137	10.2	101512.5	-5620.9	3227	10.2	101819.4	-5605.0
3048	10.4	101107.8	-5607.4	3138	10.4	101512.5	-5636.5	3228	10.5	101824.9	-5653.8
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3292	10.5	102034.7	-5627.0								
3293	8.8	102037.2	-5615.1								
3294	10.4	102037.2	-5605.7								
3295	10.4	102037.2	-5654.5								
3296	10.4	102037.7	-5619.8								
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3298	10.2	102042.2	-5604.5								
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3500	10.0	102825.8	-5618.8
3501	9.4	102829.3	-5650.0
3502	10.0	102832.3	-5651.1
3503	9.5	102833.8	-5621.8
3504	9.6	102838.3	-5646.7
3505	9.2	102838.8	-5618.2
3506	10.1	102845.8	-5628.1
3507	10.1	102848.8	-5643.2
3508	10.0	102852.4	-5657.9
3509	10.0	102855.8	-5642.6
3510	10.1	102903.8	-5658.6
3511	9.4	102905.3	-5624.7
3512	9.8	102906.8	-5653.1
3513	10.0	102908.3	-5659.0
3514	9.8	102910.8	-5617.6
3515	10.1	102919.8	-5635.0
3516	10.1	102920.3	-5642.2
3517	10.0	102920.8	-5642.0
3518	8.8	102927.3	-5620.0
3519	9.6	102938.3	-5642.5
3520	9.4	102938.8	-5611.0
3521	8.8	102940.8	-5642.1
3522	10.0	102941.3	-5620.0
3523	9.5	102942.3	-5613.8
3524	10.0	102942.8	-5639.1
3525	10.0	102944.3	-5648.4
3526	10.1	102947.3	-5609.5
3527	9.5	102950.8	-5617.9
3528	10.1	102950.8	-5608.5
3529	10.0	102954.3	-5639.9
3530	10.1	102958.9	-5631.5
3531	9.8	103003.9	-5637.6
3532	9.5	103007.9	-5637.2
3533	10.0	103012.4	-5647.9
3534	10.0	103013.9	-5613.5
3535	9.5	103025.4	-5631.6
3536	10.0	103029.4	-5637.0
3537	9.8	103030.4	-5634.9
3538	10.0	103037.4	-5654.8
3539	10.0	103037.4	-5625.3
3540	10.0	103037.9	-5635.4
3541	10.0	103039.4	-5636.1
3542	9.6	103041.9	-5642.9
3543	9.2	103041.9	-5603.9
3544	7.2	103047.9	-5654.7
3545	9.5	103047.9	-5626.4
3546	10.1	103048.4	-5637.4
3547	10.1	103050.9	-5621.2
3548	9.4	103052.4	-5659.2
3549	9.6	103054.9	-5612.3
3550	9.1	103055.4	-5635.2
3551	10.1	103100.9	-5652.8
3552	10.1	103100.9	-5642.2
3553	9.8	103108.9	-5655.6
3554	9.6	103109.9	-5654.2
3555	10.1	103112.4	-5645.4
3556	9.1	103114.9	-5605.1
3557	10.0	103118.9	-5658.9

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3558	9.8	103120.9	-5605.3
3559	9.6	103123.9	-5659.9
3560	10.1	103125.4	-5658.4
3561	10.0	103126.9	-5615.0
3562	10.0	103127.9	-5649.5
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3565	10.1	103138.4	-5657.7
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3568	10.0	103152.4	-5633.8
3569	9.5	103155.9	-5605.9
3570	9.5	103156.9	-5601.6
3571	9.8	103200.4	-5609.5
3572	10.1	103207.1	-5605.8
3573	9.5	103209.1	-5612.9
3574	10.1	103212.6	-5609.3
3575	10.1	103212.6	-5620.2
3576	10.1	103215.6	-5614.0
3577	9.5	103219.6	-5655.3
3578	9.8	103232.1	-5619.0
3579	9.8	103237.6	-5649.6
3580	9.2	103241.7	-5657.0
3581	10.0	103254.1	-5652.0
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3583	10.1	103259.1	-5656.8
3584	10.0	103302.6	-5656.0
3585	10.0	103308.3	-5659.0
3586	9.2	103310.1	-5610.0
3587	10.0	103311.0	-5603.4
3588	6.3	103311.1	-5636.4
3589	9.5	103316.6	-5654.6
3590	9.6	103318.1	-5621.4
3591	9.5	103318.1	-5653.9
3592	9.5	103318.9	-5602.4
3593	9.2	103322.6	-5619.6
3594	9.5	103323.1	-5649.4
3595	10.0	103325.1	-5604.8
3596	9.1	103328.1	-5615.8
3597	9.6	103330.1	-5646.5
3598	8.6	103335.6	-5607.4
3599	9.8	103335.6	-5641.9
3600	10.1	103336.0	-5600.4
3601	9.5	103342.1	-5632.8
3602	9.8	103342.1	-5635.1
3603	10.0	103342.1	-5645.6
3604	9.2	103343.1	-5654.8
3605	9.0	103345.6	-5658.2
3606	9.2	103354.1	-5625.4
3607	10.0	103357.1	-5647.8
3608	9.8	103358.6	-5616.2
3609	9.5	103401.6	-5610.8
3610	9.6	103405.1	-5612.8
3611	9.2	103406.8	-5656.4
3612	10.0	103409.1	-5620.1
3613	10.1	103409.6	-5645.2
3614	10.1	103415.0	-5620.5
3615	10.1	103418.1	-5644.2
3616	10.1	103419.3	-5618.4
3617	10.1	103429.3	-5630.2
3618	9.2	103430.3	-5640.1
3619	10.0	103435.8	-5614.0
3620	10.1	103442.3	-5610.6
3621	10.1	103442.8	-5611.0
3622	8.2	103444.3	-5648.7
3623	10.1	103448.3	-5635.0
3624	10.1	103451.3	-5629.3
3625	9.6	103451.3	-5616.8
3626	10.1	103452.3	-5647.0
3627	10.0	103453.8	-5633.0
3628	10.1	103455.3	-5617.1
3629	10.1	103459.3	-5601.5
3630	10.1	103500.8	-5631.0
3631	9.5	103501.3	-5637.1
3632	9.2	103508.3	-5654.0
3633	10.1	103509.3	-5603.2
3634	9.5	103509.8	-5628.8
3635	8.6	103510.3	-5615.3
3636	9.8	103514.3	-5615.8
3637	10.1	103522.8	-5625.1
3638	10.1	103529.3	-5615.9
3639	10.1	103530.7	-5659.4
3640	9.8	103531.8	-5612.0
3641	10.1	103531.8	-5610.0
3642	9.6	103532.3	-5649.3
3643	8.8	103533.8	-5603.0
3644	9.6	103534.8	-5658.8
3645	10.0	103535.3	-5636.3
3646	9.1	103535.8	-5621.4
3647	8.6	103539.3	-5631.6
3648	10.0	103542.8	-5636.2
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3651	10.0	103556.3	-5654.8
3652	10.0	103559.3	-5657.0
3653	8.4	103606.6	-5657.0
3654	10.0	103607.8	-5614.7
3655	10.1	103609.3	-5627.5
3656	8.6	103609.8	-5640.8
3657	7.8	103610.3	-5636.2
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3661	10.1	103620.9	-5641.3
3662	9.4	103624.9	-5619.7
3663	9.0	103627.4	-5652.4
3664	9.6	103634.9	-5640.2
3665	9.0	103636.4	-5651.8
3666	10.0	103639.2	-5601.8
3667	10.1	103642.2	-5615.1
3668	9.8	103642.4	-5651.2
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3672	10.0	103651.9	-5625.4
3673	10.0	103653.9	-5630.0
3674	9.0	103658.4	-5603.7
3675	10.1	103700.4	-5632.8
3676	8.2	103704.4	-5621.2
3677	10.0	103704.9	-5613.2
3678	9.2	103706.9	-5648.2
3679	10.0	103707.9	-5633.2
3680	10.0	103709.4	-5646.0
3681	9.8	103710.4	-5608.2
3682	10.0	103714.4	-5612.0
3683	10.1	103714.9	-5655.6
3684	9.4	103715.9	-5655.2
3685	9.6	103715.9	-5638.6
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3687	9.2	103723.4	-5627.7
3688	10.1	103727.2	-5612.5
3689	10.0	103727.4	-5610.9
3690	9.6	103728.4	-5633.1
3691	10.1	103728.9	-5653.0
3692	9.6	103730.9	-5611.4
3693	9.8	103731.4	-5604.9
3694	10.0	103733.9	-5642.2
3695	9.8	103739.9	-5634.0
3696	7.4	103743.9	-5613.3
3697	9.8	103745.4	-5614.2
3698	10.0	103759.4	-5601.4
3699	10.1	103802.4	-5650.6
3700	10.1	103805.9	-5602.2
3701	10.0	103816.9	-5643.6
3702	10.0	103819.4	-5617.9
3703	9.1	103823.4	-5612.6
3704	9.0	103824.9	-5651.4
3705	9.8	103825.4	-5655.8
3706	9.4	103825.4	-5614.0
3707	10.0	103829.9	-5611.0
3708	10.1	103831.4	-5657.8
3709	10.1	103833.4	-5605.8
3710	8.8	103833.9	-5635.9
3711	10.1	103845.4	-5646.1
3712	9.8	103846.4	-5622.9
3713	9.8	103848.4	-5612.2
3714	8.6	103851.4	-5603.8
3715	10.1	103855.4	-5630.6
3716	9.6	103857.4	-5634.9
3717	10.0	103858.9	-5634.3
3718	9.8	103859.4	-5647.0
3719	10.1	103900.9	-5644.8
3720	9.6	103901.4	-5624.8
3721	10.1	103902.4	-5654.5
3722	10.1	103906.9	-5645.8
3723	9.8	103907.9	-5626.6
3724	9.5	103911.4	-5643.2
3725	9.6	103912.9	-5643.0
3726	10.0	103912.9	-5640.6
3727	10.1	103913.9	-5640.2
3728	8.8	103916.9	-5657.0
3729	10.1	103921.4	-5652.9
3730	10.1	103925.4	-5625.2
3731	9.5	103928.4	-5623.9
3732	10.1	103928.4	-5643.0
3733	9.8	103929.4	-5614.0
3734	9.4	103930.4	-5612.0
3735	9.8	103930.9	-5602.0
3736	9.6	103932.4	-5627.6
3737	8.2	103935.9	-5654.7

3738	10.0	103939.9	-5609.0	3828	9.6	104247.2	-5609.5	3918	9.6	104602.7	-5644.7
3739	9.6	103940.4	-5636.2	3829	9.4	104248.2	-5650.1	3919	10.0	104605.7	-5655.0
3740	9.6	103940.4	-5613.2	3830	10.1	104249.2	-5601.5	3920	10.1	104606.7	-5638.6
3741	10.0	103941.4	-5640.2	3831	10.1	104250.7	-5630.9	3921	10.0	104611.7	-5657.3
3742	10.1	103944.4	-5658.9	3832	10.1	104253.2	-5652.4	3922	10.1	104612.7	-5604.8
3743	8.8	103949.4	-5652.2	3833	9.5	104253.7	-5652.9	3923	10.0	104614.7	-5650.5
3744	8.8	103954.9	-5626.6	3834	9.2	104256.2	-5652.5	3924	8.3	104623.7	-5636.8
3745	9.5	103956.4	-5640.2	3835	10.1	104257.2	-5642.9	3925	10.1	104639.7	-5616.1
3746	10.1	103958.4	-5625.1	3836	9.6	104259.2	-5655.4	3926	9.8	104640.7	-5604.7
3747	9.8	103958.9	-5631.6	3837	9.8	104300.7	-5622.2	3927	7.0	104641.2	-5636.5
3748	10.0	104000.9	-5621.2	3838	9.6	104301.2	-5628.4	3928	8.8	104642.2	-5634.9
3749	9.0	104000.9	-5638.3	3839	9.8	104301.7	-5646.4	3929	9.8	104642.2	-5614.1
3750	10.1	104004.4	-5620.0	3840	9.8	104305.2	-5631.1	3930	10.1	104648.2	-5648.2
3751	9.6	104005.9	-5606.1	3841	10.0	104307.2	-5658.6	3931	10.0	104651.7	-5647.8
3752	10.1	104009.4	-5629.8	3842	9.4	104307.7	-5647.6	3932	9.8	104654.7	-5619.5
3753	9.5	104009.4	-5620.2	3843	9.0	104311.2	-5647.2	3933	9.8	104657.2	-5643.5
3754	9.5	104009.9	-5655.8	3844	9.5	104312.2	-5636.2	3934	9.8	104658.7	-5613.0
3755	9.4	104015.9	-5621.3	3845	10.1	104314.2	-5645.7	3935	9.6	104701.7	-5615.6
3756	9.8	104019.4	-5653.7	3846	10.1	104314.2	-5645.1	3936	8.6	104703.2	-5613.1
3757	9.6	104019.4	-5633.6	3847	9.8	104315.2	-5621.1	3937	10.0	104703.7	-5645.8
3758	9.6	104019.4	-5648.3	3848	10.0	104317.5	-5659.2	3938	9.0	104705.2	-5643.0
3759	9.0	104023.9	-5619.9	3849	9.4	104319.7	-5605.3	3939	9.6	104708.7	-5643.3
3760	9.6	104041.4	-5658.2	3850	9.5	104321.2	-5649.9	3940	9.5	104709.2	-5635.5
3761	8.8	104046.4	-5639.6	3851	10.1	104321.7	-5620.8	3941	10.0	104717.2	-5634.1
3762	10.1	104047.4	-5628.1	3852	10.0	104321.7	-5609.3	3942	10.1	104717.2	-5617.9
3763	9.6	104048.9	-5607.1	3853	10.1	104321.7	-5615.1	3943	10.1	104718.7	-5618.8
3764	9.6	104050.9	-5653.3	3854	10.1	104322.2	-5649.7	3944	10.0	104718.7	-5610.9
3765	9.5	104051.4	-5629.2	3855	9.5	104323.7	-5609.6	3945	10.1	104722.5	-5658.1
3766	10.1	104051.9	-5627.8	3856	10.0	104325.7	-5646.0	3946	9.6	104723.2	-5653.9
3767	10.1	104052.4	-5611.3	3857	10.1	104328.2	-5624.3	3947	6.3	104723.7	-5634.5
3768	9.8	104054.9	-5614.2	3858	10.1	104328.2	-5623.1	3948	9.8	104727.7	-5654.4
3769	10.1	104101.4	-5628.1	3859	10.0	104329.2	-5638.9	3949	10.0	104732.7	-5635.3
3770	9.0	104101.4	-5612.8	3860	9.0	104330.7	-5620.2	3950	10.0	104732.7	-5620.2
3771	9.8	104101.4	-5620.6	3861	10.1	104331.7	-5634.1	3951	10.0	104733.2	-5626.1
3772	8.6	104103.4	-5618.4	3862	10.1	104331.7	-5626.0	3952	9.5	104735.2	-5626.0
3773	8.8	104104.4	-5606.0	3863	9.5	104332.7	-5620.5	3953	8.2	104737.7	-5627.9
3774	10.0	104104.9	-5649.6	3864	10.1	104332.7	-5655.2	3954	10.1	104739.2	-5623.9
3775	9.8	104105.9	-5616.8	3865	10.1	104332.7	-5654.4	3955	9.8	104741.7	-5629.4
3776	10.0	104106.9	-5616.9	3866	9.8	104333.2	-5605.1	3956	9.5	104743.2	-5620.7
3777	9.4	104107.4	-5653.4	3867	10.0	104343.2	-5623.9	3957	10.0	104745.2	-5647.2
3778	10.1	104110.3	-5645.7	3868	10.1	104345.7	-5606.9	3958	9.5	104749.7	-5608.2
3779	10.0	104110.9	-5612.3	3869	9.6	104345.7	-5636.4	3959	10.1	104751.2	-5652.3
3780	10.1	104111.4	-5611.4	3870	9.4	104350.7	-5612.6	3960	10.1	104801.2	-5642.1
3781	10.1	104112.4	-5607.4	3871	8.6	104353.7	-5636.2	3961	10.1	104809.7	-5602.2
3782	9.8	104112.9	-5621.4	3872	9.5	104400.2	-5656.0	3962	9.8	104811.2	-5616.6
3783	8.8	104116.9	-5610.3	3873	10.1	104402.7	-5642.9	3963	10.1	104811.5	-5631.3
3784	9.6	104121.4	-5606.4	3874	10.1	104408.2	-5624.6	3964	9.6	104813.7	-5638.2
3785	10.0	104122.4	-5658.1	3875	9.6	104418.7	-5639.5	3965	10.1	104815.5	-5601.0
3786	9.8	104124.2	-5628.9	3876	10.0	104428.7	-5605.6	3966	9.6	104817.7	-5657.2
3787	9.2	104124.4	-5610.4	3877	9.4	104429.7	-5622.1	3967	9.6	104821.7	-5626.0
3788	10.1	104124.7	-5633.7	3878	10.1	104431.7	-5633.7	3968	10.0	104826.2	-5637.3
3789	9.6	104125.2	-5652.2	3879	10.0	104432.2	-5609.0	3969	10.1	104829.2	-5639.0
3790	9.2	104125.7	-5629.7	3880	9.8	104433.7	-5645.2	3970	9.6	104831.7	-5603.0
3791	10.0	104132.2	-5655.4	3881	10.1	104435.2	-5613.3	3971	10.1	104832.2	-5630.5
3792	10.0	104137.2	-5627.8	3882	9.8	104437.7	-5624.5	3972	10.0	104840.2	-5602.0
3793	10.0	104138.7	-5623.9	3883	9.8	104438.7	-5640.9	3973	9.8	104844.2	-5646.1
3794	9.5	104139.2	-5649.7	3884	10.1	104439.6	-5637.8	3974	10.1	104845.7	-5630.2
3795	9.5	104139.2	-5600.5	3885	9.6	104441.7	-5620.5	3975	10.1	104851.2	-5646.1
3796	9.4	104144.2	-5621.0	3886	9.4	104442.7	-5641.0	3976	9.6	104851.2	-5655.4
3797	9.2	104151.7	-5626.6	3887	9.6	104445.7	-5649.2	3977	9.8	104859.2	-5649.5
3798	9.8	104153.2	-5652.9	3888	10.1	104445.7	-5626.2	3978	10.0	104859.7	-5652.9
3799	9.8	104154.2	-5649.4	3889	9.6	104448.2	-5635.2	3979	10.1	104900.5	-5654.9
3800	5.3	104155.2	-5605.9	3890	9.5	104450.2	-5625.4	3980	9.4	104902.2	-5630.4
3801	10.0	104155.7	-5636.0	3891	10.0	104501.7	-5646.3	3981	9.2	104906.2	-5610.8
3802	10.1	104200.7	-5650.1	3892	9.4	104502.7	-5615.4	3982	9.8	104906.7	-5612.0
3803	10.1	104201.7	-5653.6	3893	10.0	104507.7	-5619.8	3983	10.0	104908.7	-5615.0
3804	9.6	104202.7	-5643.6	3894	9.4	104514.2	-5648.1	3984	9.6	104910.2	-5613.5
3805	8.6	104203.7	-5653.3	3895	10.1	104521.6	-5603.0	3985	9.1	104914.4	-5659.0
3806	10.1	104206.2	-5653.0	3896	9.5	104522.7	-5653.1	3986	9.6	104915.2	-5623.6
3807	10.1	104207.2	-5645.7	3897	10.1	104527.6	-5603.1	3987	9.2	104916.2	-5626.9
3808	9.1	104207.7	-5644.4	3898	10.0	104528.7	-5647.4	3988	10.0	104919.7	-5632.9
3809	9.6	104210.2	-5643.6	3899	10.1	104529.7	-5638.7	3989	10.1	104921.2	-5627.9
3810	7.6	104217.7	-5639.9	3900	9.8	104530.2	-5654.2	3990	10.0	104935.2	-5651.0
3811	10.1	104218.7	-5613.6	3901	10.0	104530.7	-5626.8	3991	9.5	104937.2	-5637.1
3812	8.8	104220.7	-5630.4	3902	9.6	104530.7	-5619.6	3992	10.0	104939.7	-5658.1
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3814	9.6	104225.7	-5646.0	3904	10.0	104539.7	-5628.9	3994	10.0	104951.2	-5653.7
3815	10.0	104229.2	-5642.8	3905	10.1	104539.7	-5656.3	3995	10.1	104953.5	-5636.3
3816	10.1	104231.7	-5653.0	3906	10.0	104541.7	-5645.8	3996	9.8	104955.7	-5609.2
3817	9.2	104232.7	-5614.9	3907	10.0	104542.7	-5605.8	3997	9.8	104957.7	-5642.8
3818	9.5	104233.2	-5651.3	3908	10.1	104543.7	-5606.1	3998	9.6	104959.7	-5611.4
3819	9.6	104233.2	-5648.9	3909	9.8	104548.7	-5641.1	3999	9.8	105000.2	-5627.3
3820	10.1	104233.7	-5648.1	3910	9.8	104550.2	-5611.6	4000	9.6	105001.2	-5635.0
3821	8.0	104237.7	-5648.4	3911	10.0	104550.7	-5628.1	4001	9.5	105009.7	-5655.2
3822	9.2	104239.2	-5650.4	3912	9.8	104557.9	-5656.7	4002	9.6	105010.7	-5623.8
3823	9.5	104239.7	-5616.7	3913	9.6	104558.7	-5652.0	4003	9.6	105019.2	-5611.1
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3825	9.8	104240.7	-5646.9	3915	9.5	104601.2	-5604.0	4005	9.0	105025.2	-5609.1
3826	9.6	104243.7	-5650.8	3916	10.0	104601.2	-5642.1	4006	9.4	105027.7	-5636.8
3827	10.1	104246.7	-5645.7	3917	10.0	104601.7	-5653.8	4007	9.0	105029.7	-5631.8
4008	10.1	105033.2	-5655.9								
4009	9.5	105038.7	-5624.5								
4010	9.0	105040.7	-5614.0								
4011	9.6	105049.7	-5616.4								
4012	10.1	105052.2	-5654.1								
4013	10.0	105101.7	-5639.1								
4014	9.5	105108.7	-5627.2								
4015	9.0	105112.2	-5610.6								
4016	7.8	105114.2	-5653.1								
4017	10.0	105115.2	-5653.5								
4018	10.1	105117.7	-5614.8								
4019	9.8	105125.7	-5607.8								
4020	9.8	105133.7	-5626.9								
4021	10.0	105135.2	-5645.2								
4022	8.6	105135.7	-5614.5								
4023	9.1	105141.7	-5611.9								
4024	10.0	105142.7	-5639.0								
4025	8.8	105145.2	-5654.7								
4026	9.6	105145.7	-5613.4								
4027	9.6	105152.7	-5607.9								
4028	9.5	105156.2	-5601.8								
4029	9.8	105157.7	-5607.7								
4030	10.0	105157.7	-5633.1								
4031	10.0	105158.2	-5638.2								
4032	10.1	105201.7	-5617.8								
4033	9.5	105201.7	-5658.8								
4034	10.0	105202.2	-5633.5								
4035	10.0	105204.2	-5641.5								
4036	9.2	105208.7	-5650.2								
4037	10.0	105211.2	-5623.0								
4038	9.0	105216.7	-5620.3								
4039	10.0	105225.2	-5605.7								
4040	9.6	105226.2	-5614.0								
4041	10.1	105228.7	-5607.6								
4042	9.6	105229.7	-5638.5								
4043	9.8	105232.7	-5652.8								
4044	9.0	105241.7	-5618.1								
4045	9.8	105245.7	-5624.9								
4046	10.1	105248.7	-5606.1								
4047	10.0	105250.2	-5619.9								
4048	9.5	105251.7	-5608.1								
4049	10.1	105306.7	-5611.0								
4050	10.1	105307.7	-5603.5								
4051	10.1	105309.2	-5610.3								
4052	8.6	105309.7	-5642.2								
4053	9.8	105311.2	-5618.0								
4054	9.8	105312.7	-5641.2								
4055	8.8	105324.7	-5648.9								
4056	10.1	105330.7	-5635.4								
4057	9.6	105333.7	-5643.0								
4058	10.0	105336.2	-5611.5								
4059	10.0	105340.7	-5617.3								
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4061	9.8	105341.2	-5618.1								
4062	9.2	105345.2	-5635.1								
4063	10.0	105348.2	-5638.0								
4064	10.1	105351.7	-5613.3								
4065	8.8	105354.7	-5613.1								
4066	9.8	105356.2	-5606.0								
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4068	10.1	105410.7	-5647.9								
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4085	10.1	105441.7	-5609.1								
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4087	10.0	105447.2	-5658.5								
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4094	8.2	105502.2	-5653.4								
4095	8.0	105505.7	-5602.0								
4096	10.0	105505.7	-5602.2								
4097	9.5	105507.7	-5659.9								

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4133	9.8	105721.1	-5659.4
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4165	9.8	105851.2	-5624.6
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4217	10.0	110129.5	-5633.5
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4224	9.8	110212.5	-5634.0
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4227	9.8	110230.0	-5635.5
4228	9.8	110231.3	-5620.3
4229	9.8	110231.5	-5630.2
4230	9.3	110236.5	-5606.7
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4232	9.0	110247.0	-5651.6
4233	9.8	110250.0	-5619.5
4234	10.0	110258.0	-5615.2
4235	10.0	110300.5	-5649.0
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4243	9.8	110332.0	-5610.8
4244	9.4	110333.0	-5631.0
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4248	9.4	110336.5	-5639.6
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4250	10.0	110349.5	-5611.4
4251	9.1	110353.5	-5610.5
4252	10.0	110411.0	-5636.2
4253	10.0	110412.5	-5616.2
4254	9.8	110418.5	-5646.4
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4256	9.8	110421.0	-5617.8
4257	9.8	110427.5	-5609.3
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4266	9.2	110511.0	-5630.7
4267	10.0	110511.0	-5617.4
4268	10.0	110521.0	-5615.1
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4271	10.0	110525.0	-5615.3
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4273	9.6	110527.0	-5632.0
4274	9.4	110528.5	-5618.6
4275	9.6	110529.0	-5640.6
4276	9.8	110531.0	-5606.1
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4280	10.0	110546.2	-5659.7
4281	9.8	110548.0	-5652.3
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4286	9.5	110604.0	-5652.3
4287	9.5	110605.0	-5606.2
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4289	9.8	110616.0	-5644.6
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4291	10.0	110632.5	-5620.7
4292	8.8	110636.5	-5629.2
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4294	9.5	110641.5	-5627.2
4295	9.6	110641.5	-5604.5
4296	9.8	110642.5	-5604.0
4297	10.0	110648.0	-5618.4
4298	9.8	110701.0	-5603.2
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4300	9.5	110710.0	-5639.0
4301	9.8	110712.5	-5604.3
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4303	10.0	110715.3	-5658.0
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4305	10.0	110721.0	-5651.2
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4309	9.8	110741.2	-5610.1
4310	9.8	110745.5	-5604.7
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4315	9.8	110754.0	-5620.6
4316	9.8	110755.0	-5633.2
4317	8.3	110801.0	-5622.3
4318	10.0	110803.5	-5623.7
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4322	9.5	110806.5	-5604.9
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4324	9.6	110811.0	-5650.5
4325	9.6	110812.0	-5646.0
4326	9.4	110814.0	-5623.3
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4329	9.6	110820.0	-5634.4
4330	9.6	110821.0	-5607.3
4331	10.0	110823.5	-5647.4
4332	9.8	110828.5	-5642.0
4333	10.0	110829.0	-5604.4
4334	9.6	110850.5	-5653.7
4335	10.0	110857.0	-5608.2
4336	10.0	110903.5	-5634.0
4337	9.0	110913.0	-5630.6
4338	9.8	110918.5	-5641.0
4339	9.5	110919.5	-5655.9
4340	9.3	110921.5	-5649.9
4341	10.0	110924.0	-5613.7
4342	10.0	110925.5	-5605.6
4343	9.8	110928.5	-5606.2
4344	9.6	110939.0	-5625.3
4345	9.8	110939.0	-5637.9
4346	10.0	110942.1	-5610.9
4347	10.0	110945.5	-5643.1
4348	10.0	110952.0	-5611.6
4349	9.8	111002.0	-5656.8
4350	9.4	111003.0	-5650.3
4351	8.8	111005.0	-5658.2
4352	7.7	111011.0	-5640.4
4353	9.8	111013.0	-5627.7
4354	9.5	111015.5	-5605.2
4355	9.8	111029.0	-5629.1
4356	10.0	111030.0	-5632.9
4357	9.6	111036.0	-5634.9
4358	10.0	111038.0	-5623.1
4359	9.4	111041.0	-5622.0
4360	9.8	111046.5	-5636.5
4361	10.0	111049.0	-5636.0
4362	10.0	111049.5	-5655.0
4363	9.6	111106.5	-5641.6
4364	9.2	111110.0	-5655.1
4365	9.3	111110.3	-5600.6
4366	9.8	111114.0	-5647.3
4367	9.8	111117.0	-5628.3
4368	10.0	111118.0	-5608.3
4369	9.1	111131.0	-5647.3
4370	9.6	111131.0	-5611.9
4371	9.8	111136.5	-5614.5
4372	9.2	111139.0	-5653.6
4373	9.8	111141.0	-5612.0
4374	9.8	111145.5	-5614.2
4375	9.8	111150.0	-5645.8
4376	9.4	111153.5	-5619.8
4377	9.4	111200.5	-5617.7
4378	9.8	111201.0	-5632.3
4379	9.8	111202.5	-5608.0
4380	9.8	111203.0	-5641.1
4381	9.8	111218.8	-5657.1
4382	9.6	111219.0	-5612.9
4383	10.0	111222.0	-5644.0
4384	9.6	111225.3	-5600.4
4385	9.8	111232.0	-5616.0
4386	9.6	111232.0	-5626.4
4387	9.6	111235.5	-5631.3
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4389	9.8	111242.0	-5629.7
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4391	9.8	111244.0	-5658.9
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4395	10.0	111305.0	-5615.0
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4397	9.8	111320.0	-5651.5
4398	10.0	111324.0	-5627.6
4399	9.6	111328.5	-5627.2
4400	9.8	111330.5	-5614.8
4401	9.8	111337.0	-5622.0
4402	10.0	111338.5	-5643.0
4403	10.0	111339.5	-5611.4
4404	9.4	111342.0	-5628.2
4405	10.0	111344.5	-5632.0
4406	8.8	111348.0	-5617.1
4407	9.1	111351.0	-5631.8
4408	10.0	111354.0	-5658.9
4409	9.4	111406.5	-5628.1
4410	9.8	111413.0	-5645.2
4411	10.0	111419.4	-5659.0
4412	10.0	111428.8	-5632.7
4413	9.8	111436.3	-5601.0
4414	9.8	111442.3	-5604.1
4415	9.4	111448.3	-5608.3
4416	9.0	111449.3	-5616.1
4417	9.8	111449.3	-5614.9
4418	9.4	111459.8	-5619.5
4419	9.8	111500.3	-5604.7
4420	9.6	111500.3	-5610.2
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4422	9.5	111513.8	-5650.8
4423	9.6	111514.8	-5628.2
4424	9.0	111518.3	-5617.7
4425	9.4	111525.3	-5629.2
4426	9.8	111530.8	-5634.4
4427	10.0	111536.3	-5627.2
4428	10.0	111541.3	-5655.3
4429	9.8	111559.8	-5610.7
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4433	9.8	111617.3	-5627.7
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4437	10.0	111625.8	-5636.0
4438	10.0	111628.8	-5653.3
4439	10.0	111636.8	-5624.8
4440	9.6	111650.8	-5640.2
4441	8.9	111651.3	-5605.8
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4446	9.1	111713.8	-5650.1
4447	10.0	111722.8	-5636.2
4448	9.6	111725.3	-5626.7
4449	7.2	111727.8	-5605.7
4450	9.6	111728.3	-5604.7
4451	9.8	111747.3	-5652.7
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4455	9.8	111756.3	-5614.8
4456	8.9	111805.8	-5600.3
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-56 4458 11h18m

-56 4817 11h43m

4458 9.4 111817.3 -5609.2	4548 10.0 112447.8 -5602.1	4638 9.9 113059.9 -5637.3	4728 9.9 113755.2 -5617.7
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4462 9.6 111824.3 -5605.6	4552 9.4 112452.8 -5623.1	4642 9.6 113115.4 -5646.6	4732 9.8 113822.7 -5613.4
4463 9.0 111826.3 -5622.7	4553 10.0 112453.2 -5653.8	4643 8.9 113117.4 -5605.2	4733 9.9 113824.7 -5659.7
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4465 10.0 111832.3 -5629.1	4555 9.4 112457.3 -5656.1	4645 9.9 113129.8 -5657.0	4735 9.9 113830.7 -5608.9
4466 10.0 111841.3 -5615.1	4556 9.2 112457.5 -5657.4	4646 9.4 113131.4 -5613.9	4736 9.9 113831.2 -5609.7
4467 9.6 111842.3 -5612.3	4557 10.0 112501.8 -5641.9	4647 9.9 113133.9 -5639.4	4737 9.8 113834.7 -5620.8
4468 9.8 111843.3 -5632.2	4558 8.7 112506.3 -5612.6	4648 9.5 113149.4 -5645.1	4738 9.8 113837.7 -5624.0
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4472 9.8 111907.3 -5627.1	4562 10.0 112518.8 -5614.2	4652 9.2 113203.6 -5659.2	4742 9.9 113902.7 -5617.7
4473 9.8 111908.3 -5638.4	4563 9.8 112518.8 -5628.3	4653 8.8 113208.4 -5628.1	4743 9.4 113903.2 -5627.2
4474 10.0 111911.8 -5619.0	4564 8.8 112520.3 -5633.5	4654 9.2 113217.0 -5622.5	4744 9.8 113906.5 -5659.7
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4476 9.8 111922.8 -5617.9	4566 10.0 112545.3 -5637.0	4656 9.6 113234.6 -5600.6	4746 9.8 113910.2 -5607.7
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4479 10.0 111928.8 -5652.1	4569 9.6 112557.8 -5627.4	4659 9.4 113244.5 -5636.3	4749 9.9 113915.2 -5644.6
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4484 10.0 111938.8 -5655.3	4574 10.0 112610.3 -5642.9	4664 9.1 113319.5 -5630.9	4754 9.8 113938.2 -5653.7
4485 9.1 111938.8 -5643.3	4575 10.0 112614.8 -5600.2	4665 9.1 113331.5 -5640.5	4755 9.5 113944.7 -5619.2
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4487 10.0 111939.8 -5613.0	4577 9.1 112630.8 -5644.9	4667 9.8 113336.4 -5602.6	4757 9.9 113958.2 -5624.9
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4489 10.0 111951.8 -5653.4	4579 9.4 112650.8 -5649.2	4669 9.8 113339.5 -5635.6	4759 9.8 114000.2 -5624.9
4490 9.4 111954.8 -5636.0	4580 9.6 112655.3 -5633.2	4670 9.8 113341.5 -5646.1	4760 9.0 114002.2 -5644.7
4491 9.8 111957.0 -5658.1	4581 10.0 112657.8 -5644.6	4671 9.4 113342.0 -5617.3	4761 9.9 114005.7 -5625.8
4492 10.0 111958.8 -5656.1	4582 9.6 112659.8 -5645.6	4672 9.9 113355.0 -5616.7	4762 9.9 114013.2 -5608.5
4493 9.8 112000.3 -5624.9	4583 9.0 112700.0 -5659.3	4673 9.4 113355.0 -5635.6	4763 9.8 114014.2 -5632.1
4494 10.0 112002.8 -5621.9	4584 9.4 112703.8 -5603.3	4674 9.4 113355.5 -5631.9	4764 9.8 114017.2 -5615.1
4495 10.0 112014.8 -5639.5	4585 9.4 112707.3 -5606.2	4675 9.6 113359.5 -5642.9	4765 9.4 114025.2 -5645.8
4496 9.6 112020.8 -5633.0	4586 10.0 112711.8 -5649.9	4676 9.8 113404.5 -5623.8	4766 9.6 114028.2 -5634.6
4497 9.6 112027.3 -5605.4	4587 10.0 112720.8 -5641.3	4677 9.8 113409.0 -5628.4	4767 9.6 114033.2 -5647.3
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4499 9.6 112037.3 -5616.5	4589 10.0 112724.3 -5650.9	4679 9.8 113420.5 -5645.5	4769 9.9 114039.7 -5610.1
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4507 10.0 112054.8 -5634.1	4597 9.4 112750.8 -5613.2	4687 9.5 113501.0 -5637.9	4777 9.6 114110.9 -5601.8
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4530 9.8 112320.8 -5648.4	4620 9.9 112949.4 -5633.9	4710 9.0 113636.2 -5653.9	4800 9.0 114307.7 -5608.9
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4547 10.0 112434.8 -5658.6	4637 9.8 113059.4 -5659.3	4727 9.8 113754.7 -5657.0	4817 9.8 114359.7 -5655.8

4818	9.2	114408.2	-5629.2
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4842	9.9	114626.7	-5618.8
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4847	9.5	114644.7	-5612.5
4848	9.2	114647.7	-5620.8
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5263	9.1	122350.3	-5643.2
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-56 6257 14h14m

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6598 10.1 145959.8 -5623.9
6599 10.0 150001.3 -5610.4
6600 10.1 150014.3 -5613.1
6601 10.1 150032.3 -5600.3
6602 9.2 150046.3 -5657.2
6603 10.0 150057.3 -5629.8
6604 8.5 150059.3 -5639.0
6605 10.0 150103.8 -5626.9
6606 9.8 150107.8 -5603.8
6607 9.7 150107.8 -5637.3

6608 10.1 150115.8 -5608.9
6609 10.1 150122.3 -5638.8
6610 9.8 150142.3 -5652.6
6611 8.6 150146.3 -5659.5
6612 9.7 150148.3 -5644.9
6613 9.4 150158.8 -5620.7
6614 10.1 150200.3 -5657.0
6615 10.1 150204.8 -5610.5
6616 9.6 150223.8 -5605.0
6617 10.0 150229.3 -5605.4

-56 6618 15h02m

-56 6977 15h43m

6618	9.6	150230.8	-5654.0	6708	9.6	151157.6	-5647.2	6798	8.2	152518.0	-5633.6
6619	9.8	150230.8	-5641.0	6709	9.0	151158.2	-5626.7	6799	10.0	152521.0	-5650.9
6620	9.6	150234.3	-5609.5	6710	10.0	151210.8	-5659.9	6800	10.2	152524.0	-5657.9
6621	9.8	150237.3	-5601.7	6711	9.7	151211.2	-5637.2	6801	9.0	152530.5	-5603.9
6622	9.6	150244.8	-5614.2	6712	7.9	151222.5	-5641.4	6802	7.8	152536.5	-5659.8
6623	10.1	150247.8	-5631.6	6713	10.2	151225.6	-5651.5	6803	9.8	152536.5	-5631.9
6624	10.1	150253.3	-5633.8	6714	10.0	151232.5	-5654.5	6804	9.7	152540.0	-5608.8
6625	10.1	150301.6	-5631.9	6715	10.1	151236.5	-5613.7	6805	10.2	152544.5	-5623.5
6626	8.9	150305.8	-5600.1	6716	10.2	151237.0	-5649.6	6806	9.7	152548.5	-5639.1
6627	8.8	150311.3	-5627.2	6717	10.2	151243.9	-5610.4	6807	9.9	152550.0	-5612.6
6628	9.0	150312.3	-5618.7	6718	10.1	151252.5	-5659.6	6808	10.0	152557.0	-5630.1
6629	10.1	150315.8	-5644.6	6719	9.6	151300.8	-5636.4	6809	9.6	152558.0	-5610.4
6630	9.7	150343.5	-5609.4	6720	10.2	151302.5	-5611.0	6810	8.6	152600.5	-5628.9
6631	9.7	150345.5	-5646.0	6721	9.4	151302.5	-5653.3	6811	9.8	152603.5	-5602.6
6632	10.1	150403.0	-5634.6	6722	9.4	151314.5	-5636.0	6812	9.4	152605.5	-5606.7
6633	9.7	150405.0	-5608.4	6723	10.2	151322.5	-5629.7	6813	9.4	152612.5	-5614.9
6634	8.8	150407.5	-5624.0	6724	10.2	151324.0	-5637.8	6814	9.6	152623.0	-5605.8
6635	10.1	150414.0	-5633.2	6725	10.0	151328.0	-5600.1	6815	9.4	152624.0	-5659.2
6636	9.4	150416.5	-5622.9	6726	10.2	151336.5	-5614.0	6816	7.6	152639.0	-5635.5
6637	10.1	150417.5	-5644.6	6727	9.2	151348.0	-5637.9	6817	10.1	152639.5	-5616.6
6638	10.1	150423.5	-5644.9	6728	10.1	151349.5	-5657.0	6818	9.6	152716.5	-5612.5
6639	9.8	150441.5	-5615.0	6729	7.9	151410.5	-5652.8	6819	9.2	152728.5	-5617.1
6640	9.2	150448.5	-5637.6	6730	10.1	151421.5	-5637.3	6820	9.4	152732.5	-5622.4
6641	9.6	150449.7	-5600.8	6731	10.2	151425.4	-5606.3	6821	9.7	152746.0	-5611.3
6642	9.4	150509.0	-5645.4	6732	8.5	151426.0	-5613.5	6822	10.1	152748.0	-5645.0
6643	10.1	150510.0	-5630.7	6733	9.6	151431.5	-5623.2	6823	10.2	152805.0	-5611.2
6644	9.7	150523.5	-5611.5	6734	10.2	151433.4	-5613.7	6824	10.0	152808.5	-5645.9
6645	10.1	150526.2	-5607.9	6735	8.3	151437.0	-5615.0	6825	10.2	152810.5	-5609.8
6646	9.6	150530.5	-5611.8	6736	9.6	151442.5	-5627.6	6826	10.2	152819.0	-5659.9
6647	9.2	150536.0	-5632.7	6737	10.1	151450.5	-5620.4	6827	9.0	152822.5	-5651.7
6648	9.0	150552.0	-5623.8	6738	9.6	151451.5	-5656.6	6828	10.1	152822.5	-5625.9
6649	9.8	150608.0	-5633.2	6739	9.6	151455.5	-5655.3	6829	9.7	152828.4	-5601.0
6650	9.7	150612.0	-5638.0	6740	10.2	151507.0	-5616.0	6830	10.1	152829.5	-5603.1
6651	8.9	150616.0	-5632.7	6741	9.4	151509.0	-5619.8	6831	10.0	152846.5	-5613.9
6652	9.0	150618.5	-5620.7	6742	9.4	151514.0	-5608.0	6832	9.9	152848.0	-5655.6
6653	9.4	150618.5	-5610.1	6743	9.7	151545.5	-5645.0	6833	9.6	152849.5	-5614.6
6654	9.7	150629.5	-5658.5	6744	9.7	151552.5	-5606.2	6834	10.2	152858.0	-5606.2
6655	10.1	150640.5	-5631.9	6745	8.5	151604.0	-5650.9	6835	9.2	152903.5	-5653.6
6656	9.6	150654.5	-5643.1	6746	7.6	151605.0	-5634.0	6836	9.6	152922.0	-5602.4
6657	9.7	150655.5	-5632.7	6747	9.8	151636.5	-5626.9	6837	9.7	152926.5	-5603.8
6658	9.8	150658.2	-5655.9	6748	10.2	151642.0	-5649.4	6838	10.2	152944.0	-5610.2
6659	9.8	150700.5	-5648.5	6749	9.7	151655.5	-5639.8	6839	9.7	152945.5	-5626.4
6660	9.2	150705.5	-5646.4	6750	9.3	151659.0	-5653.1	6840	9.6	152949.0	-5611.1
6661	8.6	150711.0	-5654.8	6751	10.2	151703.0	-5611.8	6841	9.4	153005.0	-5631.9
6662	10.1	150718.5	-5637.6	6752	10.0	151705.0	-5604.6	6842	7.9	153022.0	-5630.1
6663	10.1	150720.0	-5643.1	6753	9.2	151717.0	-5606.4	6843	8.2	153027.5	-5643.7
6664	9.4	150727.0	-5615.8	6754	9.9	151742.5	-5655.2	6844	10.2	153044.5	-5645.5
6665	9.8	150732.5	-5603.4	6755	8.6	151750.0	-5634.2	6845	10.0	153103.0	-5631.4
6666	10.1	150734.5	-5643.1	6756	10.2	151800.5	-5609.2	6846	10.1	153104.5	-5631.0
6667	8.6	150735.5	-5633.8	6757	9.3	151805.5	-5655.2	6847	10.2	153114.0	-5603.1
6668	9.4	150759.8	-5644.4	6758	9.9	151807.0	-5620.1	6848	9.3	153118.0	-5630.7
6669	9.0	150811.8	-5609.2	6759	10.1	151816.5	-5605.0	6849	9.4	153120.5	-5633.5
6670	9.6	150820.8	-5624.7	6760	9.0	151817.0	-5604.7	6850	10.0	153128.0	-5635.9
6671	10.1	150840.6	-5656.6	6761	9.8	151840.5	-5625.1	6851	10.0	153129.5	-5610.4
6672	10.1	150843.3	-5651.7	6762	10.2	151843.5	-5629.2	6852	10.1	153132.5	-5640.6
6673	9.8	150843.3	-5602.7	6763	9.9	151850.0	-5640.6	6853	9.2	153208.0	-5627.8
6674	10.1	150848.8	-5611.9	6764	9.4	151857.0	-5638.8	6854	9.4	153209.0	-5612.3
6675	10.1	150852.8	-5658.6	6765	8.8	151900.5	-5636.8	6855	9.2	153212.0	-5628.2
6676	9.4	150854.3	-5648.2	6766	10.2	151942.0	-5641.7	6856	10.0	153219.0	-5637.2
6677	10.1	150858.3	-5659.9	6767	9.9	151949.0	-5642.2	6857	9.9	153227.5	-5608.0
6678	9.6	150858.8	-5617.8	6768	7.9	151949.0	-5648.6	6858	9.2	153229.0	-5613.0
6679	10.1	150859.8	-5654.9	6769	10.2	151950.8	-5603.7	6859	8.9	153231.5	-5645.2
6680	9.7	150909.8	-5645.0	6770	10.2	151953.5	-5652.0	6860	9.7	153236.5	-5643.9
6681	10.0	150916.8	-5621.7	6771	9.4	152001.5	-5658.0	6861	9.6	153250.5	-5615.6
6682	9.6	150919.3	-5616.3	6772	10.0	152002.5	-5609.7	6862	9.4	153254.0	-5653.0
6683	10.1	150919.8	-5648.7	6773	9.8	152006.0	-5615.7	6863	9.7	153302.5	-5636.7
6684	9.8	150921.3	-5629.4	6774	10.0	152023.0	-5626.0	6864	9.6	153321.5	-5610.0
6685	9.2	150929.3	-5607.0	6775	9.8	152036.0	-5600.6	6865	10.1	153332.5	-5600.9
6686	10.1	150929.3	-5629.7	6776	10.2	152040.5	-5617.9	6866	9.6	153336.5	-5613.9
6687	9.6	150929.3	-5644.6	6777	9.3	152040.5	-5647.0	6867	10.2	153339.0	-5650.8
6688	9.8	150933.8	-5628.1	6778	9.4	152050.5	-5651.5	6868	10.2	153341.0	-5601.0
6689	9.6	150946.3	-5616.2	6779	10.2	152059.0	-5642.0	6869	10.2	153350.0	-5607.0
6690	9.7	150952.3	-5616.0	6780	9.8	152106.5	-5613.8	6870	10.2	153413.0	-5621.4
6691	9.8	151002.8	-5633.6	6781	9.8	152145.0	-5645.8	6871	9.7	153419.5	-5613.3
6692	9.8	151009.3	-5643.4	6782	9.7	152202.0	-5648.0	6872	8.0	153423.5	-5642.7
6693	9.8	151028.3	-5644.6	6783	10.2	152207.0	-5625.8	6873	9.8	153452.0	-5634.8
6694	9.0	151028.8	-5609.0	6784	9.8	152224.8	-5658.8	6874	8.6	153456.5	-5624.6
6695	8.6	151031.8	-5630.2	6785	9.7	152242.5	-5626.8	6875	9.6	153502.0	-5657.2
6696	8.1	151034.4	-5656.4	6786	9.4	152248.0	-5622.6	6876	8.6	153512.0	-5630.6
6697	9.0	151044.8	-5618.6	6787	7.6	152254.5	-5658.7	6877	10.2	153540.5	-5611.6
6698	9.8	151100.3	-5635.4	6788	9.8	152308.5	-5623.0	6878	9.8	153550.0	-5611.0
6699	10.1	151105.3	-5652.0	6789	9.8	152332.5	-5608.0	6879	9.6	153550.5	-5613.1
6700	10.0	151119.8	-5654.4	6790	9.4	152345.5	-5600.2	6880	8.4	153557.0	-5604.0
6701	10.0	151123.3	-5651.2	6791	9.7	152347.5	-5652.4	6881	9.2	153558.5	-5643.8
6702	9.4	151125.8	-5613.9	6792	9.3	152402.0	-5647.6	6882	10.1	153559.0	-5608.4
6703	8.9	151126.8	-5641.6	6793	10.0	152405.5	-5638.3	6883	10.1	153600.5	-5619.0
6704	9.4	151131.3	-5620.6	6794	9.4	152409.0	-5601.0	6884	9.9	153606.5	-5645.7
6705	10.0	151142.3	-5647.5	6795	8.0	152436.5	-5638.8	6885	9.4	153628.5	-5653.2
6706	9.2	151142.8	-5631.6	6796	8.3	152448.5	-5605.7	6886	9.8	153646.5	-5627.2
6707	9.4	151154.4	-5632.3	6797	10.2	152516.0	-5657.6	6887	9.4	153710.0	-5627.3
6888	10.2	153712.5	-5613.1								
6889	10.1	153716.5	-5608.5								
6890	10.2	153724.4	-5608.3								
6891	10.2	153735.0	-5617.0								
6892	10.2	153735.5	-5645.8								
6893	10.2	153749.5	-5638.0								
6894	9.6	153758.0	-5653.6								
6895	10.2	153803.0	-5652.8								
6896	9.4	153810.5	-5614.0								
6897	10.2	153810.8	-5658.4								
6898	10.1	153814.0	-5622.3								
6899	9.6	153816.5	-5619.7								
6900	8.3	153819.0	-5610.2								
6901	10.2	153819.0	-5615.0								
6902	9.9	153832.5	-5643.5								
6903	8.4	153842.0	-5642.8								
6904	9.7	153842.5	-5653.0								
6905	9.7	153842.5	-5659.9								
6906	10.2	153848.5	-5659.4								
6907	10.2	153903.0	-5642.2								
6908	9.0	153908.0	-5604.9								
6909	10.0	153910.5	-5646.9								
6910	9.4	153911.5	-5624.9								
6911	10.0	153919.0	-5636.5								
6912	8.9	153939.0	-5629.8								
6913	10.2	153939.0	-5631.5								
6914	9.6	153939.0	-5619.0								
6915	10.1	153941.0	-5637.8								
6916	9.7	153941.0	-5621.9								
6917	10.1	153951.5	-5608.1								
6918	9.6	154000.5	-5640.8								
6919	10.2	154001.0	-5619.1								
6920	10.2	154004.0	-5605.9								
6921	9.8	154005.5	-5640.0								
6922	9.4	154006.0	-5616.7								
6923	10.0	154008.0	-5649.0								
6924	9.6	154010.0	-5600.1								
6925	9.6	154024.5	-5628.4								
6926	9.9	154027.0	-5624.6								
6927	9.6	154027.5	-5629.9								
6928	9.6	154027.5	-5600.5								
6929	9.7	154032.5	-5604.4								
6930	10.0	154035.9	-5603.9								
6931	9.4	154038.0	-5645.9								
6932	9.6	154039.5	-5617.2								
6933	10.1	154041.3	-5602.0								
6934	8.6	154047.5	-5655.3								
6935	10.2	154056.0	-5623.8								
6936	9.6	154100.5	-5653.7								
6937	9.7	154109.0	-5618.8								
6938	9.6	154112.5	-5602.4								
6939	9.4	154120.0	-5643.9								
6940	10.2	154123.9	-5646.7								
6941	10.2	154129.5	-5629.6								
6942	9.4	154133.0	-5615.1								
6943	9.1	154134.0	-5643.7								
6944	10.2	154140.9	-5631.1								
6945	9.6	154143.8	-5601.1								
6946	9.7	154147.5	-5628.5								
6947	9.6	154150.0	-5614.7								
6948	10.2	154214.0	-5605.1								
6949	10.2	154217.5	-5602.7								
6950	9.7	154220.5	-5625.7								
6951	9.6	154230.5	-5623.6								
6952	9.9	154231.0	-5657.2								
6953	10.0	154231.5	-5619.0								
6954	10.2	154232.9	-5624.1								
6955	8.2	154234.5	-5633.2								
6956	10.2	154239.0	-5627.6								
6957	8.4	154243.0	-5651.8								
6958	8.1	154249.0	-5633.3								
6959	9.0	154252.5	-5608.8								
6960	9.8	154259.5	-5650.4								
6961	10.0	154300.5	-5651.9								
6962	9.8	154302.0	-5625.1								
6963	10.0	154308.5	-5658.2								
6964	9.9	154328.5	-5613.7								
6965	10.1	154329.6	-5642.4								
6966	9.6	154330.1	-5606.7								
6967	10.0	154332.2	-5645.0								
6968	10.2	154332.6	-5651.9								
6969	10.0	154333.6	-5609.9								
6970	10.4	154334.1	-5612.2								
6971	9.3	154336.1	-5652.2								
6972	10.4	154336.1	-5626.9								
6973	10.0	154337.1	-5620.6								
6974	10.4	154340.6	-5634.5								
6975	9.8	154341.6	-5646.6								
6976	10.4	154350.1	-5623.1								
6977	10.4	154350.6	-5609.0								

-56 6978 15h43m

6978	9.8	154354.6	-5604.4
6979	10.2	154356.1	-5616.8
6980	10.4	154402.1	-5641.1
6981	10.4	154402.5	-5647.0
6982	10.4	154403.1	-5639.3
6983	10.4	154404.5	-5626.8
6984	10.0	154405.6	-5615.3
6985	10.4	154408.1	-5602.9
6986	9.3	154408.1	-5649.7
6987	10.4	154409.1	-5629.4
6988	10.4	154412.1	-5615.9
6989	10.4	154412.1	-5602.8
6990	10.1	154412.6	-5604.0
6991	10.4	154413.6	-5639.8
6992	10.2	154416.6	-5628.9
6993	10.4	154417.1	-5615.1
6994	10.4	154420.6	-5604.9
6995	10.1	154422.6	-5612.7
6996	10.4	154427.6	-5624.7
6997	9.2	154429.6	-5653.9
6998	10.1	154431.1	-5601.1
6999	10.4	154434.6	-5620.8
7000	10.4	154438.1	-5611.8
7001	10.4	154438.6	-5607.4
7002	10.4	154440.1	-5609.8
7003	9.8	154441.9	-5601.2
7004	10.2	154444.3	-5631.8
7005	9.4	154446.1	-5627.8
7006	10.4	154451.1	-5624.7
7007	10.4	154451.1	-5609.9
7008	10.4	154451.3	-5633.8
7009	10.4	154452.6	-5611.5
7010	9.8	154453.1	-5604.8
7011	9.8	154453.6	-5605.3
7012	9.8	154456.1	-5634.2
7013	10.4	154459.1	-5625.8
7014	9.3	154503.6	-5616.2
7015	9.8	154508.1	-5612.8
7016	9.6	154510.1	-5603.3
7017	10.4	154512.3	-5633.9
7018	10.4	154520.3	-5633.1
7019	8.7	154524.1	-5637.3
7020	9.6	154526.6	-5653.8
7021	8.2	154527.1	-5641.0
7022	10.1	154528.1	-5615.7
7023	10.2	154531.3	-5658.6
7024	9.2	154532.1	-5638.8
7025	10.4	154533.6	-5605.2
7026	10.0	154536.6	-5659.3
7027	10.0	154538.6	-5616.0
7028	9.8	154539.1	-5633.2
7029	9.0	154542.6	-5615.5
7030	9.4	154547.1	-5625.3
7031	10.1	154549.6	-5640.8
7032	10.4	154550.1	-5608.2
7033	8.9	154551.1	-5634.0
7034	10.4	154556.2	-5658.6
7035	10.4	154556.6	-5617.9
7036	10.0	154558.6	-5626.0
7037	10.4	154602.6	-5617.2
7038	9.6	154608.6	-5607.8
7039	10.0	154609.1	-5652.3
7040	9.8	154611.1	-5652.2
7041	10.0	154616.1	-5613.8
7042	9.2	154621.1	-5636.1
7043	9.2	154622.1	-5648.7
7044	10.1	154623.1	-5654.2
7045	9.8	154624.6	-5611.0
7046	9.8	154625.6	-5626.0
7047	10.4	154626.1	-5611.2
7048	9.8	154631.1	-5636.2
7049	10.4	154631.1	-5629.8
7050	10.0	154631.1	-5654.8
7051	9.8	154637.6	-5600.9
7052	10.4	154638.6	-5622.8
7053	10.2	154640.1	-5642.8
7054	10.0	154642.1	-5632.4
7055	9.6	154642.1	-5658.0
7056	9.8	154646.1	-5629.4
7057	10.4	154647.6	-5609.3
7058	10.0	154650.1	-5638.2
7059	10.4	154651.1	-5626.7
7060	9.6	154651.1	-5609.0
7061	9.0	154652.6	-5607.7
7062	10.4	154653.6	-5624.1
7063	9.2	154653.6	-5638.9
7064	10.0	154656.1	-5636.8
7065	10.4	154659.1	-5645.4
7066	10.0	154701.1	-5620.3
7067	9.6	154705.6	-5600.0
7068	10.1	154709.1	-5641.2
7069	10.4	154709.6	-5634.8
7070	10.0	154710.1	-5610.2
7071	10.0	154712.1	-5603.8
7072	10.1	154714.6	-5628.0
7073	10.4	154715.1	-5635.8
7074	10.2	154717.6	-5628.4
7075	10.1	154719.1	-5651.8
7076	10.4	154720.1	-5606.0
7077	9.6	154720.1	-5619.8
7078	10.1	154721.1	-5653.8
7079	10.0	154721.1	-5617.8
7080	10.1	154721.6	-5614.8
7081	10.1	154722.6	-5652.4
7082	10.2	154731.1	-5628.4
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7085	9.8	154732.6	-5616.6
7086	9.8	154732.6	-5641.1
7087	9.6	154733.1	-5628.6
7088	10.4	154736.6	-5653.4
7089	9.2	154737.6	-5631.1
7090	10.4	154738.6	-5659.5
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7092	10.2	154742.1	-5609.0
7093	10.0	154742.6	-5615.0
7094	10.4	154743.1	-5658.9
7095	10.2	154750.6	-5609.7
7096	10.4	154751.1	-5629.4
7097	10.2	154752.6	-5652.8
7098	9.8	154757.6	-5601.9
7099	10.2	154759.1	-5628.4
7100	10.4	154759.6	-5609.6
7101	7.8	154803.1	-5646.8
7102	10.1	154806.1	-5614.9
7103	9.8	154807.6	-5655.3
7104	9.6	154808.1	-5650.6
7105	8.1	154809.9	-5601.6
7106	10.4	154810.1	-5654.8
7107	9.8	154810.6	-5614.0
7108	10.0	154812.1	-5603.9
7109	10.4	154816.6	-5612.6
7110	10.2	154818.6	-5610.4
7111	10.0	154822.1	-5627.2
7112	10.1	154826.1	-5607.5
7113	10.4	154827.1	-5648.8
7114	10.2	154832.1	-5634.4
7115	10.0	154832.6	-5629.1
7116	10.2	154834.1	-5609.4
7117	10.2	154834.6	-5605.2
7118	10.1	154838.1	-5652.2
7119	10.4	154841.6	-5650.4
7120	10.2	154846.1	-5638.1
7121	10.2	154846.6	-5637.6
7122	10.4	154850.0	-5658.9
7123	10.2	154853.6	-5634.6
7124	10.0	154854.1	-5631.3
7125	10.2	154856.6	-5648.5
7126	10.0	154856.6	-5631.0
7127	10.0	154859.1	-5625.8
7128	9.5	154859.6	-5634.4
7129	10.1	154900.6	-5606.5
7130	10.0	154902.1	-5627.3
7131	10.4	154904.4	-5600.0
7132	10.2	154917.1	-5635.3
7133	9.6	154922.6	-5617.6
7134	9.3	154924.1	-5652.6
7135	10.0	154928.1	-5613.6
7136	10.1	154929.6	-5631.4
7137	10.4	154929.6	-5646.2
7138	10.4	154932.6	-5649.9
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7140	10.1	154936.6	-5606.8
7141	7.9	154937.1	-5624.4
7142	10.0	154937.6	-5640.4
7143	9.8	154938.1	-5618.1
7144	10.4	154940.6	-5650.6
7145	9.2	154941.6	-5627.9
7146	10.2	154944.1	-5622.7
7147	9.0	154947.1	-5606.7
7148	10.4	154947.1	-5644.7
7149	10.2	154951.6	-5631.7
7150	7.7	154953.6	-5626.9
7151	9.6	154956.1	-5635.1
7152	10.2	154958.6	-5630.8
7153	10.0	155005.6	-5630.8
7154	10.1	155008.1	-5642.4
7155	10.0	155010.1	-5623.4
7156	10.1	155016.1	-5647.6
7157	10.4	155020.6	-5653.5
7158	10.2	155023.6	-5630.5
7159	10.4	155026.1	-5628.2
7160	9.8	155030.1	-5621.7
7161	9.6	155031.1	-5655.7
7162	9.8	155035.6	-5620.2
7163	10.4	155041.6	-5600.5
7164	10.2	155043.1	-5658.8
7165	10.1	155043.6	-5628.9
7166	9.5	155047.6	-5627.8
7167	9.8	155048.6	-5633.7
7168	10.0	155051.1	-5643.1
7169	9.6	155058.1	-5614.2
7170	10.4	155112.1	-5623.2
7171	10.4	155114.1	-5625.0
7172	8.2	155115.1	-5619.7
7173	10.4	155118.6	-5623.1
7174	10.4	155119.1	-5603.5
7175	10.2	155130.6	-5625.1
7176	8.7	155137.1	-5627.3
7177	10.4	155138.1	-5604.0
7178	10.4	155143.6	-5607.8
7179	10.0	155145.6	-5650.6
7180	10.4	155145.6	-5639.2
7181	10.0	155146.1	-5608.6
7182	10.0	155151.1	-5622.7
7183	10.0	155156.6	-5649.1
7184	10.0	155159.6	-5624.0
7185	10.1	155202.1	-5625.8
7186	10.1	155204.6	-5631.0
7187	10.1	155206.1	-5609.3
7188	10.2	155206.1	-5607.2
7189	10.4	155210.1	-5604.5
7190	9.8	155213.6	-5617.6
7191	10.2	155213.6	-5604.1
7192	9.6	155214.6	-5641.5
7193	10.0	155218.6	-5654.7
7194	10.4	155220.6	-5636.7
7195	10.0	155223.9	-5600.9
7196	10.4	155224.1	-5658.2
7197	9.8	155226.4	-5637.3
7198	7.6	155228.1	-5629.6
7199	10.2	155228.6	-5615.0
7200	9.2	155228.6	-5651.8
7201	9.0	155230.6	-5648.9
7202	10.4	155239.1	-5649.6
7203	10.4	155242.1	-5609.1
7204	10.0	155245.4	-5601.8
7205	9.8	155246.1	-5653.1
7206	10.4	155248.6	-5617.4
7207	7.6	155258.6	-5604.2
7208	9.8	155304.1	-5658.3
7209	10.1	155312.1	-5644.8
7210	10.0	155317.6	-5621.0
7211	9.2	155323.6	-5639.4
7212	10.4	155326.6	-5616.4
7213	10.1	155328.1	-5652.6
7214	10.4	155328.6	-5628.2
7215	10.0	155331.6	-5605.3
7216	10.0	155337.6	-5636.2
7217	10.4	155338.6	-5623.3
7218	9.4	155339.6	-5654.8
7219	10.4	155343.1	-5622.8
7220	10.2	155347.6	-5638.5
7221	9.2	155353.6	-5612.1
7222	10.0	155355.6	-5612.8
7223	9.8	155401.1	-5614.6
7224	10.4	155401.6	-5647.9
7225	10.4	155408.1	-5652.5
7226	9.6	155409.6	-5641.3
7227	10.2	155412.1	-5622.0
7228	8.4	155415.6	-5605.4
7229	10.1	155415.6	-5615.7
7230	10.0	155421.6	-5655.8
7231	10.4	155422.4	-5607.5
7232	10.1	155423.6	-5606.9
7233	10.4	155423.6	-5653.8
7234	10.0	155433.1	-5600.0
7235	10.0	155433.6	-5658.7
7236	10.4	155433.6	-5657.8
7237	9.8	155436.1	-5616.5
7238	10.4	155437.6	-5619.9
7239	9.6	155442.6	-5631.4
7240	9.8	155442.6	-5603.3
7241	9.6	155447.1	-5622.7
7242	10.4	155448.6	-5617.1
7243	10.4	155450.6	-5625.2
7244	10.4	155455.1	-5644.3
7245	9.6	155456.1	-5657.8
7246	10.0	155457.1	-5615.6
7247	9.6	155457.6	-5605.3

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7248	10.0	155500.1	-5632.7
7249	10.4	155508.6	-5614.4
7250	10.4	155513.6	-5644.1
7251	10.4	155520.6	-5657.0
7252	10.4	155525.1	-5624.5
7253	10.4	155526.1	-5634.7
7254	10.4	155527.1	-5614.3
7255	9.0	155528.1	-5621.9
7256	10.4	155528.6	-5652.3
7257	10.4	155533.4	-5636.1
7258	10.4	155535.6	-5637.8
7259	10.2	155535.8	-5600.6
7260	10.4	155539.6	-5632.7
7261	10.4	155544.1	-5633.8
7262	10.4	155544.6	-5633.3
7263	9.0	155545.5	-5601.9
7264	10.1	155546.6	-5620.2
7265	10.4	155548.6	-5618.8
7266	10.4	155550.6	-5625.0
7267	9.8	155559.1	-5640.5
7268	10.2	155605.6	-5655.9
7269	10.0	155606.1	-5629.0
7270	9.6	155617.6	-5648.5
7271	10.4	155622.1	-5658.0
7272	9.2	155623.6	-5637.5
7273	10.4	155627.1	-5654.8
7274	10.2	155627.1	-5604.5
7275	10.0	155627.6	-5613.3
7276	10.1	155630.1	-5636.7
7277	9.8	155633.6	-5604.2
7278	8.4	155636.1	-5623.3
7279	9.0	155638.6	-5641.6
7280	10.4	155641.8	-5601.7
7281	10.2	155646.1	-5625.1
7282	10.0	155647.6	-5617.7
7283	9.3	155647.6	-5614.7
7284	10.4	155649.1	-5608.9
7285	9.8	155653.6	-5619.1
7286	10.0	155657.6	-5641.0
7287	10.1	155702.8	-5602.9
7288	10.0	155706.6	-5633.0
7289	10.4	155708.6	-5659.1
7290	10.4	155711.6	-5618.5
7291	9.6	155717.6	-5630.3
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7293	9.6	155723.1	-5639.7
7294	9.6	155724.6	-5610.9
7295	10.4	155731.1	-5652.2
7296	10.4	155732.1	-5616.3
7297	10.0	155732.1	-5601.8
7298	10.0	155734.5	-5658.5
7299	9.8	155737.2	-5656.5
7300	10.4	155738.7	-5639.1
7301	9.8	155740.1	-5608.1
7302	9.6	155740.1	-5653.9
7303	10.4	155741.6	-5627.3
7304	9.8	155742.8	-5600.7
7305	9.2	155747.1	-5646.9
7306	10.0	155750.6	-5641.3
7307	10.4	155752.1	-5620.5
7308	9.8	155752.6	-5603.3
7309	10.0	155807.6	-5642.8
7310	10.0	155808.1	-5657.2
7311	10.0	155816.1	-5623.3
7312	8.2	155822.1	-5652.1
7313	9.8	155829.8	-5600.0
7314	10.4	155831.6	-5617.8
7315	9.8	155832.1	-5614.3
7316	9.2	155833.1	-5616.7
7317	10.4	155833.6	-5604.1
7318	10.4	155839.1	-5618.8
7319	10.2	155843.1	-5613.1
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7322	10.2	155846.1	-5617.1
7323	10.1	155847.6	-5618.8
7324	10.2	155851.6	-5612.9
7325	10.4	155852.1	-5650.6
7326	10.0	155855.1	-5640.7
7327	10.4	155857.6	-5648.7
7328	10.4	155903.1	-5605.7
7329	10.1	155904.1	-5639.3
7330	10.2	155905.3	-5635.0
7331	10.4	155905.6	-5615.9
7332	9.6	155907.1	-5627.5
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7335	9.6	155910.1	-5649.4
7336	10.1	155914.1	-5609.1
7337	10.4	155914.1	-5634.3

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-56 7697 16h16m

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7340 10.4 155926.1 -5634.6	7430 10.0 160401.3 -5659.0	7520 10.4 160739.4 -5603.7	7610 10.4 161141.5 -5605.3
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7342 10.4 155931.1 -5642.3	7432 10.0 160402.4 -5630.6	7522 10.0 160747.9 -5615.1	7612 9.8 161143.0 -5628.0
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7354 10.2 160000.1 -5617.4	7444 10.4 160438.9 -5639.9	7534 9.8 160828.5 -5658.7	7624 10.0 161232.8 -5602.5
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7365 10.4 160037.6 -5642.5	7455 10.4 160453.4 -5652.1	7545 10.4 160850.2 -5632.3	7635 10.4 161307.7 -5648.8
7366 10.4 160038.6 -5616.0	7456 10.4 160455.4 -5611.0	7546 10.1 160851.7 -5631.2	7636 10.1 161308.0 -5614.5
7367 9.8 160042.1 -5627.9	7457 8.1 160501.7 -5602.8	7547 10.4 160854.7 -5650.1	7637 10.4 161310.5 -5617.7
7368 10.0 160047.6 -5632.3	7458 10.1 160504.4 -5622.6	7548 10.1 160856.2 -5605.6	7638 10.0 161316.5 -5651.4
7369 10.4 160049.1 -5615.9	7459 10.4 160505.4 -5636.7	7549 10.4 160858.2 -5624.6	7639 8.0 161318.5 -5602.0
7370 10.4 160050.1 -5617.1	7460 10.1 160508.9 -5628.6	7550 10.0 160858.2 -5649.6	7640 9.8 161319.0 -5600.5
7371 9.8 160052.1 -5613.5	7461 10.4 160511.9 -5616.0	7551 9.6 160905.2 -5634.0	7641 9.8 161324.0 -5621.8
7372 10.4 160054.1 -5612.8	7462 10.4 160513.4 -5659.0	7552 8.7 160906.7 -5654.9	7642 10.4 161327.5 -5604.3
7373 9.2 160055.1 -5631.0	7463 9.8 160513.9 -5623.5	7553 10.0 160907.2 -5637.8	7643 10.4 161329.5 -5603.4
7374 10.4 160105.1 -5626.1	7464 10.0 160513.9 -5640.9	7554 9.8 160907.2 -5653.4	7644 10.4 161333.0 -5645.8
7375 10.0 160113.6 -5611.5	7465 10.4 160515.4 -5645.9	7555 9.0 160914.2 -5636.1	7645 8.9 161334.5 -5659.2
7376 10.4 160122.1 -5606.8	7466 9.6 160518.9 -5609.0	7556 10.4 160919.2 -5615.5	7646 9.2 161335.0 -5650.7
7377 10.4 160124.1 -5616.9	7467 10.2 160519.9 -5648.0	7557 10.4 160919.7 -5632.1	7647 10.0 161335.5 -5637.7
7378 9.6 160125.6 -5602.7	7468 10.4 160520.9 -5616.2	7558 10.1 160921.2 -5604.8	7648 10.4 161337.5 -5640.1
7379 9.6 160129.1 -5632.9	7469 10.4 160521.4 -5614.4	7559 10.4 160921.7 -5634.2	7649 10.0 161341.5 -5606.7
7380 10.1 160129.6 -5602.9	7470 10.4 160521.9 -5613.8	7560 10.4 160928.2 -5617.2	7650 10.4 161351.5 -5625.7
7381 9.8 160134.6 -5602.9	7471 10.4 160523.4 -5614.7	7561 9.8 160931.7 -5606.9	7651 10.4 161352.5 -5608.4
7382 9.4 160135.6 -5615.2	7472 10.4 160528.7 -5600.7	7562 10.1 160934.7 -5639.2	7652 9.3 161407.0 -5648.2
7383 9.8 160140.1 -5624.9	7473 8.4 160529.4 -5622.0	7563 8.8 160937.7 -5618.7	7653 10.2 161409.5 -5623.2
7384 10.0 160144.6 -5636.4	7474 10.4 160529.4 -5618.1	7564 10.0 160938.2 -5639.4	7654 9.3 161410.0 -5655.2
7385 9.6 160144.6 -5601.9	7475 10.0 160529.4 -5640.9	7565 10.4 160940.7 -5629.8	7655 10.1 161413.0 -5604.9
7386 9.8 160145.1 -5607.4	7476 10.0 160529.9 -5625.8	7566 10.0 160946.7 -5615.8	7656 8.7 161418.0 -5654.9
7387 10.4 160154.1 -5629.0	7477 10.4 160529.9 -5644.0	7567 9.8 160947.2 -5642.1	7657 10.4 161419.0 -5628.9
7388 10.4 160154.6 -5644.6	7478 9.6 160530.9 -5603.8	7568 10.4 160954.2 -5653.3	7658 10.0 161420.5 -5611.6
7389 10.4 160156.1 -5623.9	7479 10.0 160530.9 -5641.3	7569 10.1 160958.0 -5654.3	7659 10.0 161422.5 -5606.7
7390 9.0 160202.1 -5632.6	7480 10.4 160530.4 -5606.4	7570 10.4 161000.5 -5637.8	7660 8.3 161432.5 -5642.5
7391 9.8 160203.1 -5606.8	7481 9.8 160539.9 -5603.4	7571 10.4 161003.0 -5615.8	7661 9.6 161445.5 -5618.3
7392 10.2 160205.1 -5612.1	7482 10.1 160535.9 -5625.3	7572 10.0 161005.5 -5620.4	7662 8.3 161447.8 -5601.5
7393 8.3 160208.1 -5626.9	7483 10.4 160536.4 -5608.3	7573 9.2 161017.0 -5649.2	7663 9.4 161448.0 -5622.9
7394 10.2 160208.1 -5653.1	7484 10.4 160540.4 -5636.2	7574 10.0 161017.0 -5657.2	7664 10.4 161450.0 -5625.8
7395 10.0 160209.6 -5611.7	7485 8.7 160544.4 -5647.3	7575 9.6 161018.0 -5652.7	7665 10.4 161452.0 -5626.6
7396 10.0 160212.1 -5631.8	7486 9.4 160550.4 -5622.2	7576 10.0 161018.0 -5625.5	7666 10.0 161456.0 -5606.8
7397 9.6 160215.1 -5602.7	7487 10.4 160551.4 -5635.5	7577 10.4 161019.0 -5607.9	7667 10.4 161504.0 -5621.1
7398 10.4 160220.6 -5646.0	7488 10.2 160556.4 -5620.4	7578 8.7 161021.5 -5632.5	7668 8.4 161506.0 -5612.7
7399 9.8 160230.1 -5628.1	7489 10.2 160556.9 -5655.3	7579 10.1 161021.5 -5652.0	7669 9.5 161506.2 -5641.7
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7401 10.4 160233.6 -5601.7	7491 9.8 160601.1 -5659.7	7581 9.8 161030.5 -5614.6	7671 10.1 161510.0 -5610.0
7402 10.4 160234.1 -5656.2	7492 10.1 160603.4 -5616.2	7582 10.4 161033.0 -5613.7	7672 10.4 161517.0 -5642.1
7403 10.4 160242.1 -5603.5	7493 10.4 160603.7 -5600.4	7583 10.0 161039.0 -5640.3	7673 10.2 161519.0 -5656.6
7404 9.8 160244.6 -5614.9	7494 10.4 160612.4 -5610.3	7584 9.8 161039.0 -5650.6	7674 9.3 161528.2 -5607.5
7405 10.4 160300.1 -5603.3	7495 9.8 160626.4 -5641.8	7585 8.7 161041.0 -5623.4	7675 10.4 161532.7 -5601.2
7406 10.4 160301.1 -5658.7	7496 10.0 160628.4 -5636.3	7586 10.0 161041.0 -5653.9	7676 9.3 161533.0 -5639.6
7407 10.4 160307.1 -5645.5	7497 10.0 160631.9 -5637.5	7587 10.4 161045.5 -5607.9	7677 10.4 161535.5 -5656.6
7408 9.3 160308.6 -5644.7	7498 10.4 160632.0 -5608.7	7588 10.0 161048.0 -5625.3	7678 10.2 161537.0 -5626.7
7409 10.4 160309.6 -5611.1	7499 10.2 160637.9 -5636.4	7589 10.4 161051.5 -5642.2	7679 9.8 161539.0 -5640.8
7410 9.8 160316.8 -5600.3	7500 10.0 160637.9 -5622.0	7590 10.1 161053.5 -5625.5	7680 10.0 161542.0 -5634.8
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7412 10.4 160320.1 -5636.6	7502 9.8 160645.9 -5617.6	7592 9.2 161056.5 -5623.8	7682 9.8 161544.0 -5614.7
7413 9.8 160321.1 -5653.0	7503 10.1 160646.9 -5621.5	7593 9.2 161058.0 -5657.8	7683 9.8 161544.0 -5637.6
7414 9.2 160322.1 -5645.5	7504 10.4 160649.9 -5642.7	7594 9.6 161059.5 -5618.9	7684 10.4 161546.5 -5625.6
7415 10.0 160323.1 -5629.9	7505 8.0 160654.9 -5622.1	7595 10.4 161102.0 -5621.8	7685 10.0 161547.0 -5618.2
7416 10.1 160323.6 -5638.0	7506 9.8 160655.4 -5639.3	7596 10.2 161102.0 -5611.2	7686 10.0 161548.0 -5616.1
7417 10.0 160327.1 -5627.6	7507 10.0 160656.4 -5632.3	7597 10.4 161102.9 -5622.7	7687 9.8 161558.5 -5603.0
7418 10.0 160336.6 -5634.5	7508 9.5 160704.9 -5603.3	7598 9.2 161104.5 -5633.0	7688 7.8 161608.5 -5635.5
7419 10.2 160337.1 -5632.8	7509 8.8 160706.9 -5659.5	7599 9.0 161109.5 -5630.9	7689 10.0 161611.0 -5619.3
7420 8.9 160337.6 -5644.3	7510 9.8 160708.4 -5639.5	7600 10.2 161115.5 -5639.6	7690 9.8 161613.5 -5621.9
7421 9.6 160344.1 -5604.3	7511 9.8 160713.4 -5626.3	7601 10.2 161122.0 -5603.9	7691 9.6 161615.2 -5637.1
7422 10.0 160345.1 -5653.4	7512 10.4 160720.2 -5658.3	7602 10.4 161125.0 -5625.6	7692 10.4 161618.0 -5645.1
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7424 9.8 160349.1 -5607.3	7514 10.0 160722.9 -5638.8	7604 9.0 161126.5 -5609.5	7694 10.4 161621.2 -5659.4
7425 10.2 160352.6 -5643.8	7515 10.0 160723.4 -5627.2	7605 10.4 161127.5 -5654.8	7695 9.8 161631.0 -5622.1
7426 9.6 160354.6 -5648.0	7516 10.4 160725.9 -5608.8	7606 10.2 161131.7 -5643.2	7696 9.4 161634.9 -5635.4
7427 10.4 160357.6 -5644.6	7517 10.0 160731.9 -5622.3	7607 9.8 161132.0 -5635.1	7697 9.6 161634.9 -5640.6

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7698	9.8	161637.4	-5606.4
7699	9.8	161657.9	-5633.8
7700	9.8	161721.9	-5604.0
7701	9.4	161732.9	-5619.0
7702	9.3	161734.9	-5616.6
7703	7.4	161757.9	-5655.6
7704	9.7	161801.9	-5623.0
7705	9.4	161802.4	-5644.8
7706	8.3	161814.9	-5606.8
7707	9.8	161815.9	-5643.1
7708	8.7	161817.4	-5648.0
7709	9.8	161818.9	-5642.4
7710	8.5	161819.4	-5623.4
7711	9.8	161827.4	-5601.7
7712	9.7	161834.4	-5632.0
7713	9.8	161836.4	-5635.6
7714	9.2	161839.4	-5636.2
7715	9.8	161841.4	-5608.2
7716	8.4	161843.4	-5624.6
7717	9.1	161849.4	-5652.6
7718	9.2	161855.9	-5624.5
7719	8.6	161914.9	-5630.8
7720	9.5	161924.5	-5601.8
7721	8.6	161935.0	-5617.9
7722	9.8	161941.0	-5604.4
7723	9.8	161959.0	-5606.2
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7725	9.8	162002.0	-5611.3
7726	9.6	162016.0	-5658.1
7727	9.6	162029.0	-5656.5
7728	9.8	162031.5	-5615.9
7729	8.2	162046.0	-5613.0
7730	9.4	162047.0	-5626.3
7731	9.4	162055.0	-5655.9
7732	9.8	162108.0	-5615.9
7733	9.8	162115.5	-5623.9
7734	9.6	162134.0	-5624.5
7735	9.4	162147.5	-5616.5
7736	8.0	162147.5	-5657.7
7737	8.8	162153.0	-5656.7
7738	9.8	162202.5	-5639.1
7739	9.0	162215.0	-5647.5
7740	9.8	162223.5	-5630.1
7741	8.8	162227.5	-5618.5
7742	9.6	162227.5	-5642.9
7743	9.3	162228.0	-5633.7
7744	9.4	162232.0	-5625.1
7745	9.5	162250.5	-5614.9
7746	9.4	162251.0	-5652.6
7747	8.7	162255.5	-5629.5
7748	9.6	162258.5	-5657.1
7749	9.5	162259.5	-5623.8
7750	9.3	162301.0	-5607.3
7751	9.8	162302.0	-5622.4
7752	9.0	162302.5	-5656.0
7753	9.8	162305.2	-5600.5
7754	9.8	162309.5	-5659.6
7755	9.5	162317.5	-5605.7
7756	9.6	162321.0	-5614.7
7757	9.0	162321.5	-5625.5
7758	9.7	162334.1	-5645.9
7759	9.4	162338.6	-5617.1
7760	9.0	162349.6	-5622.3
7761	9.6	162349.6	-5624.7
7762	9.8	162352.4	-5659.9
7763	8.9	162422.6	-5644.7
7764	9.7	162424.6	-5632.7
7765	9.7	162433.6	-5642.2
7766	9.7	162457.6	-5626.1
7767	9.3	162457.6	-5630.5
7768	9.8	162501.1	-5629.9
7769	9.6	162524.6	-5633.1
7770	9.8	162524.6	-5656.9
7771	9.8	162527.1	-5632.7
7772	9.8	162527.6	-5659.9
7773	9.3	162529.1	-5656.9
7774	9.8	162601.1	-5645.3
7775	9.7	162601.6	-5625.3
7776	9.7	162604.6	-5647.7
7777	9.4	162821.1	-5633.3
7778	9.5	162631.1	-5618.2
7779	9.6	162631.6	-5641.3
7780	9.0	162649.6	-5617.2
7781	9.8	162659.1	-5616.9
7782	9.8	162701.1	-5608.7
7783	9.4	162701.1	-5626.7
7784	9.8	162705.1	-5635.1
7785	9.7	162728.6	-5615.5
7786	9.8	162731.7	-5624.9
7787	9.6	162735.1	-5608.2
7788	9.4	162741.1	-5613.1
7789	9.8	162745.6	-5607.5
7790	9.8	162750.3	-5659.4
7791	9.3	162801.6	-5612.1
7792	9.8	162802.6	-5633.6
7793	9.2	162805.1	-5600.1
7794	8.6	162807.6	-5640.9
7795	9.8	162822.6	-5630.3
7796	8.6	162826.1	-5651.7
7797	9.0	162827.6	-5640.8
7798	9.8	162829.7	-5600.1
7799	9.1	162848.7	-5604.6
7800	9.0	162914.2	-5621.2
7801	9.8	162917.2	-5621.7
7802	8.8	162917.7	-5640.8
7803	9.5	162920.7	-5603.9
7804	7.5	162922.2	-5644.4
7805	9.6	162929.2	-5622.5
7806	9.4	162939.2	-5635.6
7807	9.8	162939.2	-5643.3
7808	9.6	163001.7	-5644.6
7809	9.4	163009.7	-5608.4
7810	9.5	163014.7	-5640.1
7811	9.7	163021.2	-5655.2
7812	9.4	163050.2	-5616.3
7813	9.4	163054.2	-5615.2
7814	9.8	163108.7	-5639.0
7815	9.2	163121.7	-5626.9
7816	8.2	163132.1	-5639.3
7817	9.0	163142.2	-5646.0
7818	9.5	163156.2	-5626.8
7819	9.5	163157.7	-5627.7
7820	9.4	163159.2	-5624.6
7821	8.6	163206.2	-5633.1
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7824	9.8	163251.7	-5637.3
7825	9.4	163309.2	-5638.2
7826	9.1	163311.2	-5632.6
7827	9.8	163314.7	-5615.3
7828	9.8	163321.2	-5622.2
7829	9.4	163338.2	-5604.9
7830	9.3	163343.2	-5616.2
7831	8.6	163355.7	-5631.5
7832	9.8	163358.7	-5616.2
7833	9.6	163402.7	-5642.8
7834	9.8	163407.8	-5656.6
7835	9.8	163410.3	-5644.3
7836	9.6	163415.3	-5610.6
7837	9.3	163417.8	-5620.2
7838	9.3	163446.3	-5651.0
7839	8.8	163500.3	-5655.3
7840	9.6	163500.8	-5627.6
7841	9.8	163516.8	-5609.9
7842	8.6	163537.8	-5643.3
7843	9.8	163539.3	-5656.2
7844	9.8	163540.3	-5633.4
7845	9.5	163544.3	-5631.9
7846	9.4	163544.3	-5613.0
7847	8.7	163606.3	-5603.8
7848	9.5	163617.3	-5643.0
7849	9.8	163631.8	-5650.6
7850	9.4	163646.3	-5608.0
7851	9.5	163649.3	-5608.6
7852	8.8	163650.3	-5651.5
7853	9.2	163650.8	-5637.5
7854	8.5	163655.3	-5648.2
7855	9.4	163706.3	-5630.7
7856	9.6	163707.8	-5603.2
7857	9.6	163801.3	-5654.1
7858	9.8	163815.3	-5606.5
7859	8.8	163824.3	-5621.5
7860	9.7	163827.8	-5614.1
7861	9.4	163832.1	-5601.3
7862	9.3	163835.3	-5601.2
7863	9.6	163841.3	-5612.8
7864	9.0	163843.8	-5614.2
7865	9.8	163847.8	-5654.7
7866	9.2	163909.8	-5635.2
7867	8.6	163912.3	-5604.0
7868	9.5	163924.3	-5614.4
7869	8.5	163926.1	-5601.2
7870	9.8	163935.3	-5610.7
7871	8.8	163957.8	-5626.7
7872	9.8	163958.1	-5602.3
7873	9.7	164001.3	-5630.0
7874	8.6	164013.8	-5610.6
7875	8.4	164038.8	-5630.3
7876	9.8	164041.8	-5605.2
7877	8.8	164101.3	-5649.9

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7878	9.6	164135.3	-5623.8
7879	9.8	164136.8	-5621.1
7880	8.6	164139.8	-5626.2
7881	9.4	164139.8	-5634.5
7882	9.8	164153.3	-5653.9
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7884	9.8	164205.3	-5636.4
7885	9.8	164221.3	-5626.2
7886	9.4	164221.8	-5639.9
7887	8.6	164252.8	-5648.7
7888	9.8	164300.3	-5652.1
7889	8.2	164317.8	-5609.7
7890	9.6	164320.3	-5636.9
7891	9.8	164355.8	-5618.9
7892	9.5	164402.3	-5652.6
7893	9.5	164425.1	-5601.2
7894	9.8	164431.3	-5603.8
7895	9.5	164506.3	-5632.3
7896	9.8	164534.3	-5622.4
7897	9.2	164603.3	-5631.5
7898	9.4	164616.3	-5630.1
7899	9.4	164637.8	-5622.9
7900	9.4	164735.7	-5641.2
7901	10.1	164738.7	-5633.6
7902	10.1	164739.2	-5649.7
7903	10.1	164741.7	-5600.0
7904	10.1	164746.7	-5641.0
7905	10.0	164747.7	-5633.0
7906	10.1	164749.7	-5613.9
7907	9.6	164753.2	-5631.6
7908	10.0	164753.8	-5614.2
7909	10.0	164802.7	-5615.5
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-56 8058 17h00m

-56 8417 17h34m

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8140 9.5 170756.7 -5649.4	8230 10.1 171511.7 -5620.1	8320 10.1 172323.7 -5649.4	8410 10.0 173322.6 -5602.6
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8142 10.1 170816.7 -5605.3	8232 9.8 171520.7 -5631.5	8322 9.8 172339.2 -5630.1	8412 10.0 173328.6 -5652.9
8143 10.1 170821.7 -5654.4	8233 9.6 171522.2 -5626.3	8323 9.6 172344.2 -5614.0	8413 10.1 173339.0 -5658.8
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8631	9.8	175935.0	-5607.9
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8633	9.3	175938.0	-5631.0
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8637	9.6	175958.5	-5657.0
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8643	9.8	180017.5	-5630.2
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8654	9.8	180115.0	-5631.2
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8656	7.8	180127.5	-5626.9
8657	9.7	180133.0	-5624.0
8658	9.8	180143.5	-5651.3
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-56 8778 18h14m

-56 9137 19h07m

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8782	8.9	181501.3	-5613.9	8872	10.0	182644.8	-5628.8	8962	9.4	183733.8	-5610.4
8783	9.5	181511.8	-5642.0	8873	10.0	182655.3	-5628.0	8963	9.6	183759.8	-5613.0
8784	9.3	181517.3	-5628.8	8874	10.0	182716.8	-5617.4	8964	9.6	183802.8	-5641.0
8785	9.5	181520.3	-5622.4	8875	9.2	182723.3	-5600.0	8965	8.6	183809.8	-5637.2
8786	9.8	181537.8	-5636.5	8876	10.0	182741.8	-5658.3	8966	10.0	183814.8	-5635.7
8787	9.8	181538.3	-5613.0	8877	9.5	182746.8	-5641.7	8967	8.5	183822.8	-5635.9
8788	9.6	181603.3	-5632.5	8878	8.8	182749.3	-5631.0	8968	9.9	183823.8	-5612.1
8789	9.4	181610.8	-5623.5	8879	9.9	182749.8	-5621.8	8969	9.6	183826.3	-5643.0
8790	9.8	181617.3	-5627.2	8880	9.2	182800.3	-5606.9	8970	10.0	183837.3	-5609.4
8791	7.6	181646.6	-5601.2	8881	10.0	182801.8	-5636.0	8971	9.2	183842.3	-5642.0
8792	8.9	181703.8	-5637.6	8882	9.8	182801.8	-5649.2	8972	9.2	183843.5	-5640.2
8793	9.8	181723.3	-5637.8	8883	10.0	182808.8	-5620.3	8973	9.6	183843.5	-5628.2
8794	9.7	181740.3	-5615.6	8884	9.6	182832.3	-5634.0	8974	10.0	183844.0	-5616.5
8795	9.4	181742.8	-5605.0	8885	9.2	182849.8	-5620.5	8975	9.2	183845.0	-5616.0
8796	9.4	181746.3	-5616.8	8886	9.8	182856.3	-5647.4	8976	9.4	183845.5	-5629.6
8797	9.3	181746.8	-5635.5	8887	8.8	182907.8	-5615.7	8977	9.1	183858.0	-5639.0
8798	9.5	181750.8	-5608.0	8888	9.9	182918.8	-5646.2	8978	9.8	183902.5	-5609.5
8799	9.5	181753.8	-5612.0	8889	10.0	182920.3	-5656.4	8979	9.8	183905.5	-5659.6
8800	9.8	181754.6	-5611.7	8890	9.4	182941.0	-5658.3	8980	10.0	183914.0	-5629.3
8801	9.8	181758.8	-5632.0	8891	9.6	182942.3	-5622.6	8981	9.2	183920.5	-5629.6
8802	9.7	181759.3	-5649.6	8892	10.0	182943.8	-5634.0	8982	9.0	183926.0	-5634.4
8803	9.8	181800.8	-5617.7	8893	9.4	182944.3	-5643.7	8983	9.5	183938.0	-5623.5
8804	9.8	181806.3	-5601.8	8894	8.8	182947.8	-5624.4	8984	9.9	183951.5	-5647.8
8805	9.8	181816.3	-5652.4	8895	9.4	183001.8	-5653.6	8985	10.0	183958.5	-5648.8
8806	9.5	181831.3	-5601.9	8896	9.9	183005.8	-5650.4	8986	9.6	184000.0	-5623.0
8807	9.6	181853.3	-5636.4	8897	10.0	183011.3	-5636.5	8987	9.4	184004.5	-5653.2
8808	9.8	181855.3	-5615.8	8898	9.5	183018.8	-5653.2	8988	8.8	184005.5	-5644.4
8809	9.8	181858.8	-5643.7	8899	8.0	183021.8	-5611.8	8989	10.0	184005.5	-5659.4
8810	9.8	181904.8	-5619.4	8900	9.9	183026.3	-5603.0	8990	10.0	184012.0	-5617.9
8811	9.4	181911.8	-5639.5	8901	9.4	183032.8	-5653.2	8991	10.0	184022.0	-5607.2
8812	9.8	181919.3	-5650.4	8902	9.6	183033.6	-5659.0	8992	10.0	184023.5	-5608.0
8813	9.5	181931.8	-5643.5	8903	9.9	183042.6	-5601.0	8993	9.1	184031.0	-5613.7
8814	9.7	181943.3	-5636.0	8904	9.4	183057.3	-5615.0	8994	9.9	184105.0	-5609.0
8815	9.5	181953.3	-5619.9	8905	10.0	183105.3	-5627.7	8995	9.8	184107.0	-5643.2
8816	9.8	182015.3	-5641.2	8906	9.2	183127.8	-5619.6	8996	9.6	184109.5	-5641.0
8817	9.3	182017.3	-5602.3	8907	10.0	183132.3	-5613.5	8997	8.3	184120.0	-5652.0
8818	9.8	182021.3	-5643.7	8908	9.6	183137.8	-5619.9	8998	10.0	184134.5	-5603.6
8819	9.6	182022.3	-5604.5	8909	9.4	183141.5	-5657.2	8999	10.0	184202.5	-5608.1
8820	9.6	182023.3	-5644.1	8910	9.6	183158.1	-5600.3	9000	9.4	184213.5	-5646.4
8821	9.8	182029.3	-5611.2	8911	9.9	183201.6	-5601.0	9001	9.4	184215.0	-5613.0
8822	9.3	182039.3	-5651.4	8912	9.6	183203.3	-5619.2	9002	9.2	184217.5	-5610.0
8823	9.8	182044.3	-5645.3	8913	10.0	183208.8	-5657.7	9003	9.1	184227.5	-5638.8
8824	9.8	182051.3	-5613.1	8914	8.2	183209.6	-5600.2	9004	9.8	184235.0	-5658.8
8825	8.4	182055.8	-5633.3	8915	9.6	183218.3	-5653.0	9005	9.1	184245.5	-5637.5
8826	9.4	182103.3	-5648.1	8916	9.1	183221.8	-5638.6	9006	9.6	184255.0	-5624.5
8827	8.4	182108.8	-5637.5	8917	9.9	183231.8	-5642.8	9007	9.8	184306.7	-5655.0
8828	8.8	182137.3	-5655.2	8918	8.4	183233.8	-5624.5	9008	9.9	184324.7	-5653.0
8829	9.7	182137.8	-5609.0	8919	10.0	183239.8	-5653.2	9009	9.2	184336.2	-5616.1
8830	9.0	182148.3	-5624.5	8920	9.6	183240.8	-5618.2	9010	9.9	184337.7	-5607.9
8831	9.5	182149.8	-5609.0	8921	9.0	183242.8	-5606.0	9011	10.0	184343.7	-5622.0
8832	9.8	182220.8	-5608.3	8922	9.4	183244.3	-5638.7	9012	10.0	184343.7	-5602.9
8833	8.6	182226.3	-5643.8	8923	10.0	183244.8	-5606.8	9013	9.5	184348.7	-5629.8
8834	9.8	182236.8	-5620.2	8924	10.0	183314.3	-5634.6	9014	9.9	184358.2	-5602.7
8835	9.8	182237.8	-5612.2	8925	9.6	183321.8	-5650.2	9015	9.9	184409.7	-5634.1
8836	9.6	182240.3	-5635.0	8926	7.7	183323.3	-5629.4	9016	10.0	184413.7	-5656.1
8837	9.4	182240.3	-5642.8	8927	9.4	183329.8	-5602.2	9017	9.4	184417.7	-5605.2
8838	9.7	182258.3	-5610.7	8928	9.6	183341.8	-5648.0	9018	9.2	184423.2	-5611.1
8839	9.8	182303.8	-5606.8	8929	9.9	183345.8	-5620.4	9019	9.2	184432.7	-5637.3
8840	9.8	182306.3	-5615.9	8930	9.4	183348.8	-5633.6	9020	9.8	184440.2	-5639.1
8841	9.4	182307.8	-5647.9	8931	9.6	183349.8	-5624.8	9021	9.4	184440.7	-5616.7
8842	9.8	182314.2	-5639.9	8932	9.4	183352.8	-5616.8	9022	9.6	184452.2	-5601.1
8843	9.4	182329.8	-5646.5	8933	9.6	183354.3	-5617.8	9023	9.9	184501.2	-5654.6
8844	9.3	182330.8	-5642.5	8934	9.6	183359.3	-5612.4	9024	9.8	184508.7	-5632.3
8845	9.8	182333.6	-5632.9	8935	10.0	183408.3	-5643.0	9025	9.9	184512.2	-5625.1
8846	10.0	182339.2	-5638.9	8936	9.4	183414.8	-5632.2	9026	7.6	184515.2	-5634.5
8847	10.0	182346.3	-5603.8	8937	8.7	183414.8	-5613.8	9027	9.5	184517.5	-5658.0
8848	9.4	182350.8	-5632.2	8938	8.8	183435.3	-5637.2	9028	9.4	184522.5	-5654.9
8849	9.1	182355.8	-5614.7	8939	8.6	183439.8	-5619.2	9029	8.6	184537.2	-5640.7
8850	9.2	182417.3	-5657.4	8940	10.0	183448.8	-5649.3	9030	9.2	184547.7	-5621.4
8851	9.4	182428.8	-5657.8	8941	8.7	183453.3	-5624.8	9031	10.0	184552.4	-5602.4
8852	10.0	182433.3	-5653.4	8942	9.1	183529.8	-5655.0	9032	7.9	184553.2	-5600.8
8853	9.2	182445.8	-5642.9	8943	9.8	183538.3	-5638.2	9033	9.8	184554.2	-5617.2
8854	9.6	182449.8	-5611.1	8944	9.2	183549.3	-5608.2	9034	9.6	184610.2	-5644.0
8855	10.0	182453.3	-5633.4	8945	9.5	183555.8	-5636.2	9035	9.9	184616.7	-5639.8
8856	9.9	182454.3	-5628.0	8946	9.9	183558.8	-5614.8	9036	10.0	184651.7	-5641.4
8857	9.6	182456.3	-5623.4	8947	9.4	183559.8	-5619.0	9037	9.0	184703.7	-5608.1
8858	10.0	182459.8	-5633.8	8948	10.0	183609.3	-5656.4	9038	10.0	184718.2	-5603.3
8859	10.0	182502.3	-5633.6	8949	10.0	183613.3	-5637.2	9039	8.3	184720.2	-5617.0
8860	10.0	182527.3	-5612.9	8950	9.6	183617.3	-5635.2	9040	9.6	184722.2	-5605.6
8861	9.8	182536.3	-5600.0	8951	10.0	183620.3	-5639.8	9041	9.6	184753.2	-5654.9
8862	9.2	182548.3	-5639.4	8952	9.2	183627.3	-5615.2	9042	9.9	184805.5	-5605.4
8863	8.8	182558.8	-5606.0	8953	9.9	183631.3	-5652.2	9043	9.4	184810.2	-5603.3
8864	9.9	182559.3	-5608.0	8954	9.9	183639.8	-5633.0	9044	9.8	184812.7	-5645.5
8865	8.1	182601.8	-5624.2	8955	10.0	183645.8	-5622.2	9045	9.6	184822.2	-5619.1
8866	7.8	182609.8	-5619.2	8956	9.4	183648.8	-5607.4	9046	10.0	184824.7	-5651.0
8867	9.1	182619.8	-5607.0	8957	10.0	183652.3	-5623.6	9047	8.8	184836.7	-5632.5
9048	9.8	184837.7	-5649.4								
9049	10.0	184841.2	-5609.3								
9050	8.2	184931.7	-5649.5								
9051	9.1	184948.2	-5641.8								
9052	8.3	185007.2	-5623.5								
9053	10.0	185010.2	-5617.9								
9054	9.4	185022.2	-5606.6								
9055	9.4	185030.2	-5603.8								
9056	9.1	185042.2	-5643.9								
9057	9.4	185051.2	-5612.6								
9058	9.5	185106.2	-5632.2								
9059	9.2	185111.2	-5610.7								
9060	9.2	185115.7	-5655.3								
9061	10.0	185137.2	-5649.0								
9062	10.0	185152.2	-5609.8								
9063	9.9	185202.2	-5623.8								
9064	9.2	185203.2	-5641.0								
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9066	9.4	185208.2	-5604.4								
9067	9.6	185222.2	-5633.4								
9068	9.6	185228.7	-5651.6								
9069	10.0	185249.0	-5658.1								
9070	9.4	185253.7	-5615.0								
9071	10.0	185256.2	-5631.5								
9072	9.4	185306.2	-5606.9								
9073	9.9	185312.2	-5608.8								
9074	8.5	185315.2	-5629.4								
9075	10.0	185315.2	-5604.7								
9076	9.5	185322.2	-5623.1								
9077	9.6	185322.7	-5615.0								
9078	9.8	185330.7	-5615.3								
9079	9.8	185333.2	-5623.7								
9080	9.9	185400.2	-5633.7								
9081	9.4	185427.7	-5636.1								
9082	9.4	185433.2	-5639.0								
9083	9.6	185433.7	-5610.4								
9084	9.4	185501.7	-5615.3								
9085	9.1	185508.2	-5617.6								
9086	9.5	185539.5	-5654.0								
9087	10.0	185558.2	-5646.0								
9088	10.0	185606.7	-5605.3								
9089	10.0	185635.7	-5602.0								
9090	9.6	185647.8	-5619.7								
9091	10.3	185653.1	-5646.1								
9092	9.6	185700.8	-5629.7								
9093	9.2	185801.8	-5629.8								
9094	10.0	185836.3	-5640.3								
9095	7.8	185848.1	-5600.9								
9096	10.3	185853.3	-5650.9								
9097	9.8	185902.3	-5640.9								
9098	10.3	185926.3	-5633.3								
9099	10.3	185942.3	-5628.5								
9100	9.8	185944.8	-5656.2								
9101	10.3	185959.8	-5644.9								
9102	9.2	190014.6	-5657.9								
9103	10.3	190015.8	-5657.0								
9104	9.4	190017.8	-5641.9								
9105	8.4	190029.8	-5622.8								
9106	9.2	190029.8	-5613.6								
9107	9.2	190041.3	-5635.7								
9108	9.4	190048.3	-5611.8								
9109	8.4	190057.3	-5630.2								
9110	8.9	190103.3	-5654.4								
9111	10.3	190117.3	-5615.1								
9112	10.3	190119.8	-5649.3								
9113	10.0	190141.3	-5614.8								
9114	9.2	190146.3	-5649.0								
9115	9.4	190200.8	-5655.6								
9116	10.3	190212.8	-5621.0								
9117	10.3	190218.8	-5606.7								
9118	9.8	190219.8	-5652.0								
9119	10.3	190248.3	-5651.8								
9120	9.8	190317.3	-5650.6								
9121	9.6	190323.8	-5658.2								
9122	9.4	190339.6	-5645.1								
9123	9.8	190347.1	-5644.8								
9124	10.2	190414.1	-5629.9								
9125	10.3	190431.1	-5640.1								
9126	10.3	190432.1	-5645.8								
9127	9.2	190442.1	-5600.1								
9128	9.2	190501.1	-5615.8								
9129	8.9	190512.1	-5614.9								
9130	10.3	190536.1	-5645.3								
9131	10.3	190540.6	-5652.1								
9132	9.6	190551.1	-5638.8								
9133	8.9	190612.1	-5635.2								
9134	8.0	190627.6	-5633.2								
9135	8.8	190631.1	-5609.0								
9136	9.0	190655.6	-5613.6								
9137	9.8	190712.1	-5632.8								

-56 9138 19h07m

-56 9497 20h18m

9138	10.3	190719.6	-5605.3	9228	10.3	192701.9	-5654.0	9318	8.9	194318.0	-5609.6
9139	10.0	190731.8	-5657.9	9229	10.4	192704.8	-5649.2	9319	8.8	194320.0	-5613.0
9140	10.3	190820.1	-5613.7	9230	10.4	192733.8	-5633.3	9320	10.4	194322.0	-5641.3
9141	6.8	190820.6	-5621.7	9231	10.4	192802.3	-5606.9	9321	10.4	194327.5	-5650.1
9142	10.3	190849.6	-5650.3	9232	9.8	192809.3	-5659.6	9322	10.4	194333.0	-5633.8
9143	10.3	190900.1	-5637.9	9233	9.8	192813.1	-5645.7	9323	9.8	194337.0	-5616.9
9144	9.2	190905.1	-5650.9	9234	9.8	192818.3	-5620.7	9324	10.2	194339.0	-5623.1
9145	8.4	190915.1	-5633.5	9235	10.2	192830.3	-5633.2	9325	10.4	194342.0	-5649.1
9146	10.0	190931.6	-5645.7	9236	9.8	192859.3	-5650.0	9326	9.8	194343.0	-5623.6
9147	10.2	190951.6	-5651.1	9237	9.8	192902.3	-5606.0	9327	9.6	194358.0	-5615.0
9148	10.3	191016.6	-5635.1	9238	7.6	192903.3	-5635.5	9328	8.2	194421.0	-5622.1
9149	10.3	191054.1	-5641.0	9239	10.0	192911.2	-5640.0	9329	10.4	194426.5	-5609.9
9150	8.8	191059.6	-5611.8	9240	10.4	192957.7	-5629.5	9330	10.4	194452.0	-5656.9
9151	9.8	191112.1	-5647.1	9241	10.4	192959.7	-5654.6	9331	10.4	194458.0	-5643.2
9152	9.8	191117.1	-5649.8	9242	9.8	193003.2	-5643.1	9332	10.0	194510.0	-5606.2
9153	9.0	191152.1	-5647.6	9243	10.0	193058.2	-5624.5	9333	10.4	194522.5	-5609.7
9154	9.4	191201.8	-5653.2	9244	10.2	193059.2	-5621.9	9334	10.0	194545.5	-5641.7
9155	9.4	191207.3	-5642.4	9245	10.4	193100.2	-5603.9	9335	10.2	194552.0	-5640.7
9156	9.8	191219.8	-5617.1	9246	9.1	193105.7	-5636.2	9336	10.2	194558.5	-5638.9
9157	8.4	191228.3	-5637.1	9247	10.2	193105.7	-5644.0	9337	10.4	194640.5	-5631.1
9158	10.3	191237.3	-5649.2	9248	9.4	193112.2	-5651.1	9338	9.8	194645.0	-5624.1
9159	9.6	191319.8	-5640.2	9249	10.4	193124.2	-5631.9	9339	10.4	194705.5	-5611.9
9160	7.4	191320.3	-5610.0	9250	9.8	193154.2	-5644.1	9340	9.2	194722.5	-5605.2
9161	9.2	191320.8	-5654.2	9251	9.2	193158.2	-5618.2	9341	9.6	194731.5	-5651.1
9162	10.2	191324.3	-5645.6	9252	9.8	193200.7	-5647.0	9342	9.8	194750.0	-5609.2
9163	10.2	191409.3	-5630.1	9253	10.4	193209.7	-5640.8	9343	9.6	194755.5	-5629.0
9164	6.8	191409.8	-5607.4	9254	9.8	193211.1	-5602.6	9344	10.4	194756.0	-5638.9
9165	10.3	191413.8	-5606.7	9255	10.4	193211.7	-5624.3	9345	9.8	194811.0	-5601.9
9166	10.3	191417.8	-5631.6	9256	10.4	193215.7	-5604.1	9346	10.0	194826.5	-5609.8
9167	10.3	191426.3	-5628.9	9257	10.4	193222.2	-5649.5	9347	9.8	194830.0	-5643.7
9168	9.8	191433.8	-5621.4	9258	10.4	193252.7	-5643.9	9348	9.6	194835.6	-5636.9
9169	10.3	191439.3	-5606.4	9259	9.6	193300.2	-5654.4	9349	10.4	194839.6	-5635.7
9170	9.4	191442.3	-5618.9	9260	8.4	193301.2	-5632.9	9350	10.0	194840.8	-5612.3
9171	10.0	191449.3	-5626.4	9261	10.4	193324.2	-5658.7	9351	9.2	194853.6	-5607.9
9172	8.6	191449.8	-5625.0	9262	10.4	193333.2	-5627.4	9352	9.0	194920.6	-5639.5
9173	8.0	191507.8	-5659.3	9263	10.4	193341.7	-5611.1	9353	9.1	194935.1	-5616.0
9174	8.4	191533.3	-5611.8	9264	9.6	193347.2	-5626.2	9354	10.0	194939.1	-5623.4
9175	9.8	191534.3	-5647.9	9265	9.6	193348.7	-5615.9	9355	10.4	194952.1	-5644.1
9176	9.4	191611.3	-5658.5	9266	10.2	193351.7	-5619.9	9356	10.4	194953.6	-5603.6
9177	10.0	191619.8	-5640.5	9267	10.4	193403.7	-5600.0	9357	8.6	195007.6	-5635.5
9178	9.6	191620.8	-5656.8	9268	8.8	193412.2	-5633.9	9358	10.4	195008.6	-5610.0
9179	9.8	191633.3	-5642.1	9269	9.8	193422.8	-5602.1	9359	10.2	195013.1	-5640.1
9180	9.8	191637.3	-5647.7	9270	9.6	193427.7	-5618.5	9360	9.8	195019.1	-5644.9
9181	9.4	191638.3	-5643.6	9271	9.6	193435.7	-5630.9	9361	10.4	195032.9	-5601.9
9182	9.2	191649.8	-5644.5	9272	9.8	193442.2	-5643.6	9362	10.0	195037.1	-5632.6
9183	9.8	191654.3	-5630.6	9273	9.1	193443.9	-5659.6	9363	10.2	195041.1	-5655.7
9184	9.4	191710.3	-5626.5	9274	9.8	193448.2	-5611.9	9364	10.0	195059.0	-5601.0
9185	8.2	191713.3	-5610.7	9275	10.4	193522.2	-5651.1	9365	10.2	195113.1	-5616.9
9186	9.6	191716.8	-5654.0	9276	9.4	193532.7	-5600.4	9366	10.4	195120.6	-5626.4
9187	8.2	191824.8	-5620.6	9277	10.4	193546.7	-5650.8	9367	10.4	195121.6	-5615.5
9188	9.8	191849.8	-5619.1	9278	10.4	193552.7	-5650.9	9368	8.4	195123.1	-5621.2
9189	9.0	191903.3	-5648.5	9279	9.0	193625.5	-5601.6	9369	9.6	195130.1	-5605.4
9190	10.2	191922.9	-5633.9	9280	10.2	193628.7	-5650.1	9370	10.4	195131.1	-5656.1
9191	9.4	191925.4	-5638.1	9281	10.4	193639.7	-5611.1	9371	9.4	195141.1	-5642.9
9192	9.2	191932.4	-5605.6	9282	9.6	193651.2	-5643.0	9372	10.2	195145.1	-5637.9
9193	9.6	191940.9	-5642.9	9283	9.2	193703.2	-5653.9	9373	10.4	195155.1	-5613.8
9194	10.3	191948.9	-5646.0	9284	10.0	193704.2	-5610.2	9374	8.9	195200.1	-5650.7
9195	9.8	192056.2	-5602.3	9285	10.0	193712.2	-5636.5	9375	9.6	195215.1	-5606.3
9196	9.6	192056.4	-5608.6	9286	10.2	193724.2	-5612.7	9376	10.4	195219.6	-5620.7
9197	10.3	192100.4	-5628.6	9287	10.4	193728.7	-5642.4	9377	9.6	195225.6	-5618.2
9198	10.3	192105.9	-5605.9	9288	10.0	193737.7	-5648.5	9378	8.2	195228.6	-5602.1
9199	10.3	192124.4	-5617.4	9289	8.9	193742.7	-5638.0	9379	9.1	195241.1	-5645.1
9200	9.8	192155.4	-5600.5	9290	6.2	193747.7	-5639.5	9380	9.8	195251.1	-5629.9
9201	9.4	192203.9	-5653.4	9291	10.4	193751.7	-5648.4	9381	10.4	195252.1	-5646.8
9202	10.3	192211.4	-5600.9	9292	10.2	193802.7	-5610.0	9382	10.4	195310.6	-5609.8
9203	9.2	192218.4	-5638.3	9293	10.2	193842.2	-5640.2	9383	10.4	195327.6	-5654.4
9204	10.3	192219.9	-5609.9	9294	10.2	193854.7	-5648.9	9384	10.4	195331.6	-5625.7
9205	10.3	192226.8	-5659.6	9295	10.4	193945.7	-5635.1	9385	10.2	195346.6	-5655.8
9206	9.8	192230.9	-5642.8	9296	10.4	194002.7	-5654.9	9386	10.4	195350.1	-5623.0
9207	10.3	192237.9	-5615.4	9297	10.4	194010.2	-5609.0	9387	8.0	195351.1	-5647.5
9208	10.3	192248.9	-5651.5	9298	9.4	194015.7	-5616.1	9388	9.8	195351.6	-5610.8
9209	8.6	192332.9	-5626.9	9299	10.4	194020.7	-5653.2	9389	9.8	195356.1	-5646.0
9210	9.4	192338.9	-5636.8	9300	10.2	194028.7	-5634.6	9390	10.0	195412.1	-5608.1
9211	10.3	192343.4	-5608.4	9301	9.4	194028.7	-5651.1	9391	10.4	195428.5	-5646.9
9212	8.0	192350.4	-5621.7	9302	10.4	194040.7	-5617.3	9392	10.4	195503.5	-5627.9
9213	7.7	192359.9	-5640.9	9303	10.4	194047.2	-5636.0	9393	9.8	195512.5	-5606.1
9214	9.2	192422.9	-5648.2	9304	10.4	194048.2	-5646.1	9394	10.0	195515.0	-5600.1
9215	10.2	192438.9	-5634.1	9305	9.6	194105.2	-5610.1	9395	10.4	195517.5	-5653.2
9216	10.3	192451.4	-5604.6	9306	10.0	194108.2	-5652.3	9396	9.6	195537.0	-5637.0
9217	9.2	192518.4	-5656.1	9307	9.0	194109.2	-5609.8	9397	9.6	195551.5	-5604.6
9218	10.2	192529.4	-5616.2	9308	10.2	194128.7	-5618.2	9398	8.4	195600.5	-5614.6
9219	10.3	192537.9	-5619.9	9309	10.2	194132.1	-5608.2	9399	9.6	195609.5	-5650.1
9220	8.7	192553.9	-5603.8	9310	10.4	194135.7	-5639.0	9400	10.4	195615.0	-5635.6
9221	10.3	192554.9	-5633.0	9311	10.4	194143.7	-5644.3	9401	9.6	195623.0	-5601.6
9222	9.6	192616.9	-5653.1	9312	10.4	194200.7	-5624.9	9402	10.0	195631.5	-5632.1
9223	9.2	192635.9	-5639.1	9313	9.8	194226.2	-5614.9	9403	10.4	195641.0	-5637.2
9224	9.4	192636.9	-5635.1	9314	10.4	194232.5	-5615.1	9404	9.6	195646.5	-5627.9
9225	10.3	192642.9	-5657.6	9315	9.6	194242.7	-5644.9	9405	8.4	195651.0	-5636.2
9226	8.4	192643.4	-5621.3	9316	10.0	194254.0	-5651.6	9406	9.6	195653.5	-5608.7
9227	9.4	192643.4	-5646.0	9317	8.4	194259.0	-5659.1	9407	9.6	195659.5	-5642.8
9408	9.8	195714.9	-5600.2								
9409	9.8	195727.0	-5657.6								
9410	10.4	195740.5	-5634.3								
9411	10.4	195745.0	-5651.6								
9412	10.4	195753.0	-5618.8								
9413	9.8	195803.0	-5603.6								
9414	8.4	195805.0	-5611.8								
9415	9.8	195805.5	-5643.0								
9416	10.2	195830.5	-5637.2								
9417	10.4	195832.5	-5601.5								
9418	9.6	195835.0	-5618.4								
9419	9.4	195837.5	-5618.3								
9420	9.6	195851.5	-5620.0								
9421	8.6	195856.0	-5625.1								
9422	9.8	195903.0	-5603.9								
9423	10.4	195907.5	-5633.2								
9424	10.4	195913.1	-5605.5								
9425	10.4	195921.0	-5614.8								
9426	10.4	195939.5	-5603.0								
9427	10.2	195941.0	-5650.1								
9428	10.4	195949.5	-5643.0								
9429	10.4	200049.0	-5657.8								
9430	10.4	200101.5	-5610.8								
9431	8.9	200117.9	-5634.9								
9432	9.3	200128.3	-5618.7								
9433	9.6	200139.0	-5600.2								
9434	8.6	200144.3	-5600.6								
9435	9.7	200210.8	-5655.3								
9436	9.7	200212.8	-5638.2								
9437	9.6	200218.8	-5639.3								
9438	9.4	200220.3	-5613.9								
9439	9.4	200235.8	-5641.0								
9440	9.3	200246.8	-5646.9								
9441	9.6	200318.8	-5605.2								
9442	9.7	200319.8	-5616.7								
9443	9.7	200403.3	-5622.3								
9444	9.7	200412.8	-5624.7								
9445	9.4	200429.8	-5631.1								
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9447	9.7	200528.3	-5623.5								
9448	9.6	200537.0	-5600.4								
9449	9.7	200608.3	-5627.8								
9450	8.4	200608.8	-5653.1								
9451	9.3	200611.8	-5606.6								
9452	9.2	200656.3	-5618.3								
9453	9.7	200712.3	-5604.6								
9454	9.6	200735.3	-5639.6								
9455	9.7	200808.8	-5620.0								
9456	9.0	200832.8	-5604.7								
9457	9.6	200844.8	-5606.4								
9458	9.7	200845.8	-5629.0								
9459	9.0	200910.8	-5631.9								
9460	9.0	200914.8	-5643.3								
9461	8.7	200926.8	-5607.9								
9462	9.7	200956.3	-5634.4								
9463	9.6	200958.3	-5608.7								
9464	9.2	201039.8	-5612.9								
9465	9.2	201048.3	-5603.3								
9466	9.7	201057.8	-5636.5								
9467	9.7	201100.0	-5620.6								
9468	9.0	201115.8	-5659.1								
9469	8.9	201128.3	-5609.5								
9470	9.0	201226.3	-5653.6								
9471	9.7	201254.8	-5628.1								
9472	9.3	201312.3	-5635.1								
9473	9.7	201325.3	-5658.1								
9474	9.7	201327.8	-5601.1								
9475	9.4	201331.8	-5617.5								
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9477	9.7	201403.3	-5651.6								
9478	9.4	201438.3	-5632.0								
9479	9.2	201500.8	-5651.0								
9480	8.6	201508.3	-5620.3								
9481	9.6	201508.8	-5640.0								
9482	9.7	201520.8	-5638.1								
9483	9.3	201525.8	-5649.7								
9484	9.0	201533.3	-5628.0								
9485	9.6	201554.3	-5623.7								
9486	9.7	201639.8	-5637.1								
9487	9.3	201642.8	-5652.0								
9488	9.7	201658.4	-5614.9								
9489	9.2	201705.8	-5652.3								
9490	9.7	201730.8	-5621.3								
9491	8.9	201753.3	-5645.7								
9492	9.0	201759.3	-5655.1								
9493	9.7	201759.8	-5650.1								
9494	9.7	201831.8	-5649.9								
9495	9.7	201833.3	-5653.3								
9496	9.4	201838.3	-5607.3								
9497	9.2	201844.8	-5628.3								

-56 9498 20h18m

-56 9857 22h08m

9498	9.0	201847.8	-5632.1	9588	10.0	205545.7	-5614.0	9678	10.2	212627.0	-5633.9	9768	9.8	214723.2	-5642.9
9499	9.0	201933.3	-5654.3	9589	9.2	205552.4	-5656.7	9679	9.8	212629.5	-5629.3	9769	9.8	214723.2	-5608.3
9500	9.4	201942.8	-5612.2	9590	10.0	205757.7	-5603.2	9680	10.2	212630.5	-5615.0	9770	9.8	214737.2	-5615.8
9501	9.6	201945.8	-5648.8	9591	9.0	205821.7	-5614.2	9681	9.6	212632.5	-5618.8	9771	8.1	214749.7	-5616.8
9502	9.2	201955.3	-5615.5	9592	10.0	205925.1	-5626.9	9682	10.2	212650.5	-5614.7	9772	9.6	214814.2	-5601.3
9503	9.7	202008.3	-5652.6	9593	9.3	210011.6	-5617.7	9683	10.2	212705.0	-5622.5	9773	9.3	214815.7	-5611.6
9504	9.7	202010.3	-5603.2	9594	10.0	210026.1	-5632.9	9684	9.6	212709.5	-5651.2	9774	9.4	214835.7	-5624.6
9505	9.2	202012.8	-5629.6	9595	9.8	210119.6	-5606.2	9685	10.2	212722.0	-5646.0	9775	9.8	214905.2	-5613.8
9506	9.7	202019.3	-5601.9	9596	9.6	210213.1	-5601.7	9686	8.5	212731.0	-5656.1	9776	9.8	214934.3	-5659.4
9507	9.4	202020.8	-5632.2	9597	10.2	210257.8	-5656.9	9687	10.0	212749.5	-5633.4	9777	9.8	214948.2	-5630.8
9508	9.6	202040.8	-5600.9	9598	9.8	210300.2	-5615.7	9688	10.2	212820.5	-5656.4	9778	9.0	215014.7	-5643.4
9509	9.7	202127.3	-5626.6	9599	10.2	210301.4	-5657.9	9689	10.2	212838.0	-5611.3	9779	9.6	215033.2	-5609.2
9510	9.6	202142.3	-5630.9	9600	10.2	210343.9	-5616.6	9690	10.2	212842.5	-5633.4	9780	9.2	215107.7	-5619.0
9511	9.6	202209.8	-5651.9	9601	10.2	210350.7	-5630.0	9691	10.2	212859.5	-5608.3	9781	9.8	215119.7	-5642.7
9512	9.2	202229.8	-5603.4	9602	10.2	210409.2	-5646.6	9692	9.8	212903.0	-5648.2	9782	9.8	215121.2	-5655.0
9513	9.6	202325.8	-5621.7	9603	10.2	210437.0	-5623.1	9693	10.2	212915.5	-5654.1	9783	9.6	215148.2	-5612.4
9514	9.2	202358.3	-5653.4	9604	8.0	210500.7	-5645.9	9694	10.2	212942.0	-5652.2	9784	6.9	215151.2	-5628.8
9515	9.7	202359.8	-5624.6	9605	9.8	210517.2	-5630.7	9695	9.6	213004.5	-5656.6	9785	9.6	215154.7	-5642.2
9516	9.7	202437.3	-5610.2	9606	8.5	210521.2	-5622.3	9696	9.0	213041.5	-5653.8	9786	8.7	215233.7	-5622.1
9517	9.7	202445.8	-5611.0	9607	10.2	210528.2	-5628.9	9697	10.2	213056.5	-5609.1	9787	9.8	215236.2	-5650.1
9518	9.4	202445.8	-5628.9	9608	10.0	210534.2	-5641.5	9698	10.2	213101.0	-5653.9	9788	9.4	215251.7	-5639.0
9519	8.9	202528.8	-5614.7	9609	9.8	210537.7	-5650.3	9699	9.0	213120.5	-5653.6	9789	9.2	215305.7	-5638.8
9520	9.2	202530.8	-5645.9	9610	10.0	210552.7	-5635.0	9700	7.2	213143.5	-5618.1	9790	9.6	215319.2	-5619.2
9521	9.3	202558.3	-5658.6	9611	10.0	210557.7	-5644.1	9701	8.8	213201.5	-5608.9	9791	9.8	215342.2	-5645.2
9522	8.9	202608.3	-5610.9	9612	9.4	210625.7	-5655.2	9702	9.3	213214.5	-5622.1	9792	9.8	215349.2	-5638.2
9523	9.4	202657.3	-5629.9	9613	10.2	210710.7	-5631.0	9703	10.2	213222.5	-5651.6	9793	8.9	215416.7	-5636.8
9524	9.7	202713.8	-5654.4	9614	9.4	210730.0	-5602.5	9704	10.2	213236.5	-5621.1	9794	9.5	215419.2	-5611.5
9525	9.7	202715.3	-5647.4	9615	8.5	210746.2	-5649.5	9705	9.4	213242.0	-5637.7	9795	9.2	215425.7	-5628.7
9526	9.2	202730.3	-5633.7	9616	10.0	210753.7	-5602.2	9706	10.0	213320.5	-5648.7	9796	9.6	215500.7	-5631.4
9527	9.0	202811.7	-5621.5	9617	10.0	210811.2	-5638.9	9707	10.2	213327.5	-5640.2	9797	9.8	215504.2	-5643.8
9528	9.2	202851.2	-5652.9	9618	10.2	210918.5	-5636.9	9708	10.0	213330.0	-5616.8	9798	7.2	215508.2	-5634.4
9529	9.4	202851.7	-5624.6	9619	9.4	210941.2	-5635.0	9709	10.2	213335.0	-5627.9	9799	9.4	215508.7	-5645.5
9530	9.2	203019.2	-5632.7	9620	9.3	211031.2	-5630.1	9710	10.2	213348.5	-5601.6	9800	9.8	215538.2	-5626.1
9531	9.6	203032.2	-5638.0	9621	9.8	211058.2	-5630.2	9711	10.2	213450.8	-5619.4	9801	8.8	215556.7	-5629.6
9532	9.7	203037.2	-5620.5	9622	10.0	211105.5	-5658.3	9712	10.2	213504.0	-5641.1	9802	9.6	215557.2	-5650.0
9533	9.4	203101.7	-5610.2	9623	9.2	211109.2	-5618.9	9713	9.4	213506.8	-5629.6	9803	7.7	215605.2	-5654.2
9534	8.4	203111.7	-5625.1	9624	9.6	211121.2	-5647.4	9714	10.2	213517.3	-5652.9	9804	9.8	215627.7	-5646.4
9535	8.2	203129.7	-5602.6	9625	9.2	211127.7	-5623.0	9715	9.3	213532.0	-5606.2	9805	9.8	215638.7	-5654.1
9536	9.6	203148.7	-5651.4	9626	10.2	211200.2	-5644.4	9716	7.5	213532.5	-5602.6	9806	9.8	215647.6	-5634.0
9537	9.2	203203.2	-5627.2	9627	10.2	211214.2	-5639.0	9717	9.0	213533.5	-5625.2	9807	9.8	215716.2	-5636.2
9538	9.7	203225.3	-5618.6	9628	9.6	211245.2	-5603.9	9718	10.2	213534.1	-5623.6	9808	9.0	215742.7	-5635.9
9539	8.8	203255.8	-5607.0	9629	10.0	211301.7	-5651.9	9719	9.8	213542.5	-5602.7	9809	9.8	215821.3	-5659.2
9540	10.0	203257.4	-5630.2	9630	7.0	211330.2	-5618.7	9720	9.2	213544.5	-5641.8	9810	9.4	215830.6	-5634.1
9541	9.8	203310.4	-5623.9	9631	9.0	211332.2	-5641.9	9721	9.0	213601.0	-5653.6	9811	9.8	215836.1	-5618.2
9542	10.0	203345.4	-5610.5	9632	10.2	211335.2	-5659.0	9722	10.2	213622.2	-5600.0	9812	9.4	215844.6	-5642.3
9543	10.0	203442.4	-5619.3	9633	10.2	211338.2	-5638.2	9723	10.2	213631.1	-5651.4	9813	9.6	215917.6	-5642.1
9544	10.0	203443.9	-5605.8	9634	9.6	211338.7	-5600.0	9724	10.2	213636.0	-5630.5	9814	9.6	215919.6	-5640.8
9545	9.8	203451.9	-5600.6	9635	9.2	211430.7	-5603.0	9725	9.8	213638.0	-5658.8	9815	9.8	215945.6	-5617.3
9546	10.0	203523.4	-5625.5	9636	7.6	211435.2	-5604.2	9726	9.8	213725.1	-5641.0	9816	9.4	220005.6	-5646.4
9547	9.0	203543.4	-5632.6	9637	9.6	211443.2	-5629.3	9727	9.6	213732.6	-5624.5	9817	9.0	220012.6	-5642.9
9548	9.8	203603.6	-5601.4	9638	9.0	211451.2	-5655.7	9728	9.8	213744.1	-5602.4	9818	9.8	220052.6	-5626.9
9549	10.0	203732.3	-5621.3	9639	9.2	211459.2	-5641.0	9729	9.8	213753.1	-5649.8	9819	9.8	220101.6	-5610.8
9550	10.0	203753.8	-5603.5	9640	8.6	211517.2	-5631.0	9730	9.2	213758.6	-5621.3	9820	9.2	220117.6	-5650.2
9551	10.0	203925.8	-5610.9	9641	10.2	211549.5	-5604.1	9731	9.6	213759.6	-5646.7	9821	9.2	220119.6	-5648.4
9552	10.0	204048.8	-5618.9	9642	8.6	211559.5	-5624.4	9732	9.8	213803.2	-5603.5	9822	9.8	220125.1	-5645.8
9553	9.0	204108.3	-5641.8	9643	10.0	211641.0	-5635.1	9733	9.6	213809.2	-5651.9	9823	9.4	220154.6	-5625.9
9554	10.0	204117.3	-5627.4	9644	8.5	211654.0	-5625.4	9734	9.2	213820.2	-5616.9	9824	9.8	220154.6	-5627.5
9555	8.4	204200.8	-5651.1	9645	8.6	211746.5	-5640.1	9735	9.4	213838.7	-5632.7	9825	7.5	220225.6	-5603.9
9556	10.0	204223.3	-5633.3	9646	10.0	211816.5	-5607.3	9736	8.3	213900.7	-5613.5	9826	9.0	220249.1	-5629.8
9557	8.7	204332.3	-5641.1	9647	10.2	211838.0	-5637.1	9737	9.8	213901.7	-5659.6	9827	9.8	220314.1	-5606.1
9558	10.0	204416.8	-5649.9	9648	9.0	211841.5	-5631.7	9738	9.8	213907.7	-5637.7	9828	9.8	220319.5	-5600.6
9559	8.4	204425.3	-5603.3	9649	10.2	211849.0	-5619.1	9739	9.6	213909.2	-5616.3	9829	9.8	220338.6	-5626.9
9560	9.6	204510.8	-5633.3	9650	9.6	211856.0	-5654.0	9740	9.4	213921.0	-5658.1	9830	9.8	220339.6	-5623.9
9561	10.0	204534.7	-5619.9	9651	10.2	211957.0	-5626.1	9741	9.0	213928.2	-5656.3	9831	9.8	220341.1	-5632.6
9562	9.3	204624.7	-5623.3	9652	10.2	212006.7	-5659.7	9742	9.2	213939.7	-5632.7	9832	8.7	220404.6	-5608.3
9563	9.2	204625.2	-5623.8	9653	10.0	212024.0	-5638.8	9743	6.8	214009.2	-5651.1	9833	9.8	220405.1	-5649.4
9564	10.0	204629.7	-5639.0	9654	8.4	212027.0	-5618.0	9744	9.8	214015.2	-5624.9	9834	8.9	220427.1	-5650.0
9565	9.8	204632.7	-5654.3	9655	9.8	212037.0	-5632.5	9745	9.2	214015.2	-5603.1	9835	7.9	220435.1	-5633.7
9566	10.0	204655.7	-5631.0	9656	7.7	212101.5	-5649.3	9746	9.4	214046.7	-5614.6	9836	9.8	220441.1	-5607.0
9567	9.6	204718.7	-5617.7	9657	10.2	212151.5	-5654.3	9747	9.6	214049.2	-5632.3	9837	9.8	220450.6	-5623.0
9568	10.0	204813.2	-5611.2	9658	10.2	212211.0	-5650.0	9748	9.2	214100.2	-5632.1	9838	8.7	220518.1	-5605.4
9569	10.0	204814.7	-5602.8	9659	10.2	212215.0	-5619.1	9749	9.6	214120.2	-5636.1	9839	9.8	220521.1	-5656.8
9570	10.0	204822.2	-5609.0	9660	9.8	212219.0	-5646.3	9750	9.4	214127.2	-5639.9	9840	9.6	220534.1	-5635.9
9571	8.8	204835.2	-5625.7	9661	10.2	212241.5	-5611.2	9751	9.4	214149.2	-5626.5	9841	9.6	220534.6	-5610.2
9572	8.9	204843.2	-5619.8	9662	10.2	212301.5	-5637.3	9752	9.8	214151.2	-5657.3	9842	9.8	220540.8	-5658.4
9573	9.6	204846.7	-5609.0	9663	10.2	212313.0	-5648.3	9753	9.8	214204.2	-5627.1	9843	9.8	220545.1	-5631.7
9574	8.9	204852.7	-5624.7	9664	10.2	212313.5	-5652.0	9754	9.6	214224.2	-5640.5	9844	9.4	220546.6	-5603.8
9575	9.2	204908.7	-5616.6	9665	9.8	212321.1	-5659.4	9755	9.6	214226.2	-5649.9	9845	9.2	220549.1	-5619.7
9576	9.3	204934.7	-5650.9	9666	10.2	212329.0	-5633.7	9756	9.8	214259.7	-5617.5	9846	9.8	220602.1	-5600.0
9577	10.0	204957.2	-5606.1	9667	9.4	212419.5	-5655.0	9757	9.0	214318.7	-5617.5	9847	9.2	220607.1	-5637.5
9578	9.8	205044.2	-5619.0	9668	9.2	212451.5	-5622.6	9758	7.8	214319.2	-5621.7	9848	9.6	220629.4	-5623.8
9579	9.2	205138.7	-5655.5	9669	9.4	212459.5	-5646.0	9759	8.9	214323.5	-5659.1	9849	8.5	220647.9	-5607.9
9580	9.4	205141.2	-5623.7	9670	9.6	212503.0	-5632.3	9760	9.2	214332.7	-5634.9	9850	9.5	220735.9	-5648.7
9581	10.0	205205.7	-5602.3	9671	9.2	212522.5	-5628.1	9761	9.8	214349.2	-5635.3	9851	9.8	220736.9	-5647.2
9582	10.0	205335.2	-5603.2	9672	9.8	212523.0	-5644.8	9762	9.2	214349.2	-5633.9	9852	9.6	220739.4	-5611.3
9583	8.8	205336.7	-5624.9	9673	9.6	212528.0	-5638.0	9763	9.2	214422.7	-5607.1	9853	8.8	220745.4	-5641.7
9584	9.0	205411.7	-5637.5	9674	9.8	212547.5	-5631.9	9764	9.8	214445.2	-5614.4	9854	9.8	220819.4	-5619.9
9585	10.0	205501.2	-5625.0	9675	10.2	212548.5	-5603.6	9765	9.5	214505.2	-5610.5	9855	9.8	220819.4	-5620.1
9586	9.2	205512.2	-5650.1	9676	9.8	212609.0	-5623.3	9766	9.6	214535.2	-5655.0	9856	9.8	220826.9	-5605.9
9587	9.0	205543.7	-5636.8	9677	10.2	212612.0	-5601.5	9767	9.8	214612.7	-5655.7	9857	9.3	220827.6	-5631.5

9858	9.8	220836.9	-5640.1	9948	9.2	223752.3	-5631.7	10038	9.8	230832.2	-5625.6
9859	9.8	220840.4	-5611.9	9949	9.8	223756.8	-5624.0	10039	10.2	230833.2	-5607.8
9860	9.0	220841.0	-5601.4	9950	9.2	223808.3	-5654.1	10040	6.8	230910.2	-5612.6
9861	10.4	220903.3	-5602.5	9951	9.8	223835.3	-5605.8	10041	9.2	230949.7	-5614.3
9862	8.9	220951.8	-5624.0	9952	9.8	223858.9	-5619.2	10042	9.5	230950.2	-5604.4
9863	10.2	221011.8	-5605.5	9953	9.6	223904.8	-5621.1	10043	9.6	231009.2	-5604.4
9864	9.4	221035.8	-5630.9	9954	10.2	223909.3	-5652.9	10044	9.8	231032.2	-5606.4
9865	9.2	221116.8	-5648.2	9955	10.3	223917.6	-5625.7	10045	10.4	231052.6	-5658.0
9866	8.4	221135.3	-5612.7	9956	9.4	223933.1	-5642.2	10046	10.4	231129.1	-5650.9
9867	9.4	221206.8	-5642.6	9957	9.0	224022.3	-5626.9	10047	9.4	231146.7	-5606.3
9868	9.2	221212.3	-5651.0	9958	10.4	224027.8	-5629.6	10048	10.2	231211.6	-5632.4
9869	9.6	221250.3	-5617.1	9959	10.4	224042.8	-5633.3	10049	9.1	231231.1	-5617.7
9870	9.4	221254.8	-5655.1	9960	10.4	224049.7	-5659.0	10050	10.2	231244.1	-5630.0
9871	9.2	221257.3	-5643.0	9961	10.4	224118.3	-5615.7	10051	10.2	231352.5	-5650.9
9872	7.6	221310.3	-5623.6	9962	10.4	224139.5	-5601.7	10052	8.8	231352.5	-5659.3
9873	9.4	221347.6	-5614.5	9963	9.4	224200.5	-5615.9	10053	9.8	231412.0	-5621.2
9874	8.6	221352.6	-5625.3	9964	9.8	224221.5	-5621.4	10054	9.8	231432.0	-5621.0
9875	7.2	221423.6	-5646.9	9965	8.4	224230.5	-5634.5	10055	10.0	231432.0	-5616.8
9876	9.6	221437.6	-5639.6	9966	10.4	224231.0	-5642.4	10056	9.4	231442.0	-5655.1
9877	9.2	221456.6	-5631.1	9967	8.2	224242.5	-5628.7	10057	9.4	231532.0	-5644.5
9878	9.8	221520.1	-5626.6	9968	9.6	224320.0	-5607.5	10058	9.6	231539.5	-5640.4
9879	9.4	221528.6	-5654.6	9969	9.2	224420.5	-5641.6	10059	9.1	231606.0	-5634.4
9880	10.4	221550.3	-5614.8	9970	9.2	224421.5	-5607.5	10060	10.2	231608.0	-5626.6
9881	10.4	221556.1	-5605.0	9971	9.5	224443.0	-5643.9	10061	7.3	231616.0	-5614.2
9882	10.2	221630.6	-5644.1	9972	10.4	224544.0	-5612.5	10062	9.0	231631.0	-5646.8
9883	9.2	221637.1	-5638.1	9973	9.6	224609.0	-5614.7	10063	10.2	231700.5	-5635.2
9884	10.2	221657.1	-5623.3	9974	8.4	224728.5	-5620.6	10064	10.2	231732.1	-5618.2
9885	9.8	221713.1	-5620.7	9975	9.6	224732.5	-5631.0	10065	10.2	231753.6	-5626.0
9886	10.2	221720.1	-5619.5	9976	10.4	224741.0	-5616.2	10066	10.2	231757.1	-5630.6
9887	9.4	221722.1	-5627.4	9977	10.4	224750.0	-5636.7	10067	9.8	231801.6	-5658.7
9888	10.2	221722.1	-5624.0	9978	10.4	224838.0	-5638.8	10068	10.2	231802.6	-5650.6
9889	9.8	221748.6	-5634.4	9979	10.4	224916.5	-5652.4	10069	9.4	231809.1	-5600.8
9890	10.3	221856.8	-5602.9	9980	9.8	224920.5	-5623.0	10070	10.2	231826.1	-5640.3
9891	10.3	221906.1	-5633.7	9981	9.8	224942.5	-5649.8	10071	8.4	231826.6	-5608.3
9892	9.8	221923.6	-5604.9	9982	9.5	225105.5	-5628.7	10072	10.2	231855.6	-5620.0
9893	10.4	222023.6	-5627.5	9983	9.5	225231.5	-5652.7	10073	8.5	231905.6	-5637.3
9894	10.4	222053.3	-5623.7	9984	9.5	225251.5	-5647.8	10074	9.2	231929.6	-5629.9
9895	9.6	222056.1	-5616.6	9985	9.5	225333.0	-5610.6	10075	9.8	231957.1	-5626.0
9896	10.4	222134.1	-5637.6	9986	9.8	225335.0	-5651.2	10076	9.4	232018.8	-5600.6
9897	9.4	222141.1	-5629.5	9987	10.2	225404.5	-5624.5	10077	10.2	232033.1	-5643.7
9898	10.4	222153.6	-5604.4	9988	9.8	225412.5	-5646.8	10078	9.2	232041.6	-5610.6
9899	10.4	222238.6	-5637.2	9989	10.2	225456.0	-5620.9	10079	8.8	232143.6	-5632.2
9900	10.2	222346.1	-5631.7	9990	9.4	225607.0	-5658.0	10080	10.2	232208.6	-5653.8
9901	9.0	222347.6	-5613.1	9991	9.4	225608.0	-5658.2	10081	9.6	232233.1	-5641.0
9902	8.9	222417.1	-5634.6	9992	7.4	225630.5	-5622.1	10082	9.6	232239.6	-5643.3
9903	8.6	222422.1	-5615.3	9993	9.8	225632.0	-5616.0	10083	9.6	232247.4	-5659.0
9904	10.2	222425.1	-5633.7	9994	9.4	225703.0	-5639.7	10084	10.2	232328.7	-5657.2
9905	9.2	222431.1	-5636.4	9995	10.4	225751.5	-5638.2	10085	9.0	232332.1	-5654.2
9906	8.8	222441.1	-5637.8	9996	9.4	225820.5	-5630.3	10086	10.0	232337.1	-5616.0
9907	10.4	222458.6	-5616.2	9997	10.2	225838.0	-5652.1	10087	9.8	232339.6	-5608.0
9908	8.2	222522.1	-5647.2	9998	10.4	225840.0	-5604.0	10088	7.8	232430.1	-5649.8
9909	9.4	222551.1	-5615.4	9999	8.4	225856.0	-5638.3	10089	8.2	232458.6	-5657.6
9910	10.0	222602.1	-5604.9	10000	8.4	225938.5	-5637.7	10090	8.8	232500.6	-5656.4
9911	10.2	222608.1	-5622.8	10001	8.6	225940.0	-5613.4	10091	10.0	232503.6	-5651.6
9912	9.4	222632.6	-5606.5	10002	8.0	230002.0	-5637.4	10092	10.2	232542.1	-5645.4
9913	9.4	222727.7	-5625.2	10003	10.4	230015.0	-5643.7	10093	10.2	232617.6	-5624.2
9914	9.8	222753.2	-5615.9	10004	8.5	230025.0	-5649.1	10094	9.4	232637.1	-5617.6
9915	10.2	222805.7	-5611.0	10005	10.2	230122.0	-5637.7	10095	10.2	232725.6	-5616.9
9916	9.2	222821.2	-5608.9	10006	10.4	230157.0	-5643.8	10096	10.2	232728.1	-5629.0
9917	9.4	222846.2	-5605.5	10007	10.4	230218.5	-5643.4	10097	9.2	232731.1	-5635.9
9918	10.0	222910.7	-5646.3	10008	9.8	230219.0	-5621.8	10098	10.2	232732.6	-5640.5
9919	8.2	223008.2	-5607.1	10009	10.4	230225.5	-5620.0	10099	9.4	232801.1	-5627.9
9920	10.4	223051.7	-5607.9	10010	10.0	230234.5	-5628.2	10100	8.2	232809.1	-5641.9
9921	10.4	223127.2	-5638.9	10011	10.4	230242.5	-5639.2	10101	9.4	232809.9	-5600.4
9922	10.4	223137.2	-5617.9	10012	9.4	230249.5	-5628.1	10102	9.4	232816.1	-5601.3
9923	10.4	223142.8	-5642.9	10013	10.4	230310.5	-5638.6	10103	9.8	232824.1	-5623.7
9924	10.4	223148.2	-5643.8	10014	10.4	230316.0	-5643.4	10104	10.2	232850.1	-5644.6
9925	9.4	223221.7	-5620.0	10015	9.2	230349.5	-5637.6	10105	9.8	232900.1	-5623.9
9926	8.9	223234.2	-5612.1	10016	10.4	230406.5	-5616.7	10106	9.8	232913.6	-5630.9
9927	10.2	223241.7	-5650.4	10017	10.4	230406.5	-5604.6	10107	10.2	232917.1	-5623.2
9928	10.4	223250.7	-5627.0	10018	10.4	230415.5	-5649.2	10108	10.2	232933.6	-5619.0
9929	9.6	223316.2	-5605.2	10019	9.4	230420.5	-5657.6	10109	9.6	232934.1	-5634.5
9930	10.3	223415.2	-5640.7	10020	10.0	230500.0	-5612.2	10110	9.8	232943.1	-5647.0
9931	9.6	223430.7	-5635.9	10021	8.9	230502.5	-5610.0	10111	9.4	232952.6	-5609.5
9932	10.2	223451.0	-5600.0	10022	10.4	230504.5	-5637.7	10112	8.6	233021.6	-5647.2
9933	10.4	223451.2	-5627.9	10023	9.8	230505.0	-5627.2	10113	10.2	233022.1	-5624.2
9934	9.6	223457.2	-5648.9	10024	8.8	230508.5	-5625.7	10114	9.8	233032.1	-5608.0
9935	9.5	223506.2	-5609.3	10025	8.6	230543.5	-5614.9	10115	9.4	233033.6	-5646.4
9936	9.6	223519.2	-5636.5	10026	9.6	230614.5	-5616.6	10116	10.2	233046.1	-5630.2
9937	9.2	223542.2	-5618.7	10027	10.4	230616.0	-5656.3	10117	9.8	233055.1	-5646.9
9938	10.2	223544.7	-5635.6	10028	8.5	230618.5	-5645.7	10118	9.0	233134.6	-5637.0
9939	10.4	223559.8	-5604.4	10029	9.0	230630.0	-5619.5	10119	9.2	233138.6	-5634.0
9940	9.2	223600.2	-5621.5	10030	8.6	230638.8	-5601.6	10120	9.4	233233.1	-5658.0
9941	10.4	223625.3	-5618.6	10031	10.2	230646.0	-5641.1	10121	10.2	233240.1	-5640.0
9942	8.2	223638.3	-5656.8	10032	10.4	230648.5	-5655.8	10122	9.1	233322.1	-5639.0
9943	10.4	223641.3	-5657.1	10033	10.4	230715.5	-5620.3	10123	10.2	233355.1	-5654.1
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9947	10.0	223738.3	-5607.7	10037	8.6	230809.2	-5641.7	10127	9.8	233432.6	-5622.7
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10133	9.6	233632.1	-5647.8								
10134	9.4	233637.6	-5626.8								
10135	9.8	233702.1	-5632.9								
10136	10.2	233721.1	-5649.8								
10137	10.2	233734.1	-5657.6								
10138	10.2	233801.1	-5605.3								
10139	9.2	233803.6	-5605.4								
10140	10.0	233840.1	-5632.5								
10141	10.2	233844.6	-5647.1								
10142	9.8	233911.7	-5656.6								
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10144	8.0	234008.6	-5630.1								
10145	7.2	234018.1	-5606.2								
10146	9.4	234023.6	-5623.8								
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10151	10.2	234115.1	-5616.4								
10152	10.0	234138.1	-5628.4								
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10164	9.2	234325.4	-5605.3								
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10175	9.4	234738.2	-5610.1								
10176	11.0	234752.2	-5612.2								
10177	10.0	234801.2	-5629.8								
10178	11.0	234852.7	-5622.2								
10179	10.4	234857.7	-5612.5								
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10181	11.0	234922.2	-5646.5								
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10193	11.0	235209.8	-5650.0								
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10199	11.0	235448.3	-5639.0								
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10203	11.0	235533.3	-5650.0								
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10206	11.0	235615.5	-5600.1								
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10215	10.2	235833.8	-5635.8								
10216	11.0	235836.8	-5610.9								
10217	11.0	235841.6	-5625.3								

-5610218 23h58m

-57 352 1h42m

10218	9.6	235847.8	-5629.4	83	10.2	01816.7	-5701.2	173	9.9	04453.2	-5735.3
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10224	10.2	235941.9	-5616.9	89	9.6	02009.7	-5746.6	179	7.4	04621.2	-5715.6
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1	10.4	00000.5	-5722.9	91	10.2	02040.7	-5710.8	181	10.2	04634.7	-5704.8
2	10.4	00010.0	-5758.9	92	9.4	02052.2	-5707.8	182	9.9	04642.7	-5712.5
3	11.0	00014.5	-5739.0	93	10.2	02114.2	-5747.9	183	10.2	04650.2	-5705.4
4	11.0	00032.5	-5713.7	94	8.8	02159.7	-5756.1	184	10.4	04653.7	-5747.9
5	9.2	00033.0	-5732.5	95	10.2	02201.7	-5717.8	185	10.2	04654.7	-5726.9
6	8.0	00102.5	-5731.9	96	10.2	02240.7	-5752.1	186	10.2	04727.7	-5738.0
7	8.8	00103.0	-5752.0	97	10.2	02252.2	-5756.7	187	10.4	04732.7	-5733.9
8	10.4	00105.0	-5750.7	98	9.4	02252.7	-5727.9	188	9.8	04750.2	-5740.8
9	10.6	00128.0	-5747.1	99	10.2	02326.8	-5710.4	189	9.4	04756.7	-5742.3
10	8.8	00207.1	-5753.6	100	9.7	02357.8	-5723.2	190	10.4	04803.7	-5744.0
11	10.4	00217.6	-5703.3	101	10.2	02410.3	-5718.2	191	10.0	04809.2	-5713.0
12	9.8	00239.5	-5745.3	102	9.0	02417.8	-5702.8	192	10.0	04820.2	-5758.9
13	9.4	00247.6	-5730.5	103	10.2	02428.3	-5718.4	193	9.3	04823.2	-5737.4
14	9.4	00248.6	-5749.9	104	9.9	02434.8	-5714.2	194	10.4	04844.2	-5711.9
15	11.0	00258.1	-5723.9	105	8.6	02455.3	-5717.2	195	10.4	04902.5	-5717.2
16	10.4	00305.6	-5748.6	106	9.8	02458.8	-5733.0	196	9.8	04930.2	-5755.7
17	10.6	00311.6	-5725.4	107	10.2	02519.3	-5703.4	197	10.4	04936.7	-5703.7
18	10.0	00325.6	-5741.7	108	9.6	02532.8	-5752.2	198	9.8	04959.7	-5746.9
19	10.4	00331.1	-5726.8	109	10.2	02538.8	-5717.7	199	9.1	05007.7	-5725.0
20	11.0	00333.1	-5752.2	110	8.8	02601.3	-5739.2	200	10.4	05029.6	-5702.6
21	10.4	00337.6	-5727.0	111	10.2	02700.8	-5709.4	201	10.4	05044.7	-5748.8
22	9.6	00351.6	-5732.2	112	10.0	02719.0	-5749.1	202	9.8	05103.7	-5707.1
23	11.0	00355.1	-5733.3	113	10.2	02729.0	-5703.6	203	8.6	05110.2	-5713.5
24	9.4	00411.1	-5716.8	114	9.6	02747.5	-5758.0	204	10.2	05152.7	-5752.8
25	11.0	00411.1	-5702.0	115	7.9	02811.0	-5746.4	205	10.4	05204.7	-5739.8
26	10.6	00428.6	-5739.5	116	9.0	02849.0	-5755.4	206	9.5	05321.2	-5718.4
27	11.0	00449.0	-5702.5	117	10.2	02919.0	-5721.3	207	9.5	05322.7	-5718.3
28	10.6	00506.6	-5756.3	118	9.2	02921.0	-5755.3	208	9.3	05350.2	-5729.4
29	11.0	00521.1	-5717.8	119	9.0	02949.5	-5748.9	209	10.2	05352.2	-5719.6
30	11.0	00525.6	-5759.4	120	10.2	03021.5	-5718.1	210	10.2	05416.2	-5719.9
31	11.0	00536.1	-5706.9	121	9.9	03026.0	-5736.7	211	10.4	05433.7	-5736.4
32	10.4	00542.1	-5747.9	122	9.6	03041.0	-5726.8	212	8.6	05436.7	-5710.6
33	11.0	00603.6	-5736.4	123	8.8	03045.5	-5747.0	213	7.8	05501.2	-5736.2
34	11.0	00609.1	-5756.9	124	10.2	03049.5	-5740.7	214	10.4	05529.0	-5700.2
35	9.0	00615.6	-5706.6	125	9.4	03100.5	-5733.1	215	10.0	05541.2	-5728.1
36	11.0	00624.1	-5737.2	126	10.0	03139.0	-5706.1	216	10.0	05618.2	-5722.7
37	10.0	00645.1	-5726.8	127	10.2	03155.5	-5710.1	217	10.4	05620.2	-5749.9
38	10.6	00655.6	-5719.2	128	9.7	03203.0	-5730.2	218	10.4	05639.2	-5728.2
39	9.6	00709.1	-5732.0	129	10.0	03230.0	-5721.0	219	10.4	05640.7	-5712.1
40	10.2	00713.1	-5721.2	130	9.2	03249.0	-5732.2	220	6.4	05644.7	-5740.5
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42	7.2	00739.1	-5741.7	132	8.6	03300.0	-5721.1	222	10.4	05748.2	-5730.0
43	8.8	00748.1	-5733.4	133	8.2	03309.0	-5702.3	223	10.4	05805.2	-5710.0
44	10.2	00808.1	-5727.0	134	10.2	03329.0	-5744.0	224	10.4	05809.2	-5742.0
45	9.4	00819.1	-5711.9	135	9.4	03347.5	-5732.1	225	10.4	05832.2	-5732.0
46	9.6	00837.6	-5718.3	136	10.2	03422.0	-5759.5	226	10.4	05902.2	-5727.4
47	9.6	00841.1	-5748.9	137	9.7	03430.5	-5722.3	227	10.4	05910.2	-5755.9
48	11.0	00842.1	-5733.3	138	9.9	03434.0	-5739.0	228	9.0	05926.2	-5749.4
49	9.6	00843.6	-5722.7	139	9.6	03434.5	-5700.6	229	10.4	05934.2	-5719.0
50	11.0	00855.6	-5743.2	140	10.2	03521.0	-5729.3	230	9.5	05939.2	-5722.9
51	9.4	00858.1	-5754.3	141	10.2	03551.0	-5721.1	231	10.4	05952.2	-5743.6
52	10.4	00901.6	-5717.0	142	9.4	03551.0	-5759.3	232	10.4	10000.2	-5731.0
53	11.0	00905.6	-5708.3	143	6.1	03604.0	-5711.3	233	9.4	10005.7	-5722.6
54	9.6	00925.6	-5718.2	144	9.6	03638.5	-5733.7	234	10.2	10010.2	-5709.8
55	11.0	00956.6	-5741.6	145	9.4	03701.0	-5737.9	235	9.6	10010.7	-5747.0
56	11.0	01010.6	-5759.9	146	9.7	03712.5	-5714.2	236	10.4	10040.2	-5705.5
57	10.6	01010.6	-5738.0	147	9.6	03714.5	-5735.0	237	9.0	10051.7	-5701.6
58	10.0	01027.1	-5707.4	148	9.2	03729.0	-5746.3	238	9.6	10054.2	-5721.8
59	11.0	01047.6	-5710.1	149	9.9	03732.5	-5759.7	239	10.0	10057.7	-5728.4
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63	9.0	01259.6	-5709.3	153	9.7	03909.7	-5738.9	243	10.4	10221.2	-5707.0
64	10.2	01313.6	-5705.2	154	10.2	03909.7	-5721.7	244	9.3	10221.7	-5724.8
65	10.4	01321.6	-5738.5	155	10.2	03919.7	-5707.7	245	9.2	10240.2	-5734.4
66	11.0	01324.1	-5721.3	156	9.0	04000.2	-5700.4	246	9.6	10305.2	-5719.6
67	9.0	01338.6	-5732.7	157	8.8	04004.7	-5759.6	247	10.4	10314.7	-5757.8
68	10.6	01350.6	-5721.3	158	9.6	04008.2	-5729.2	248	9.6	10317.2	-5717.1
69	11.0	01411.6	-5705.0	159	9.4	04029.2	-5739.0	249	10.4	10359.4	-5716.3
70	8.8	01416.1	-5751.5	160	10.2	04055.7	-5705.1	250	10.2	10400.4	-5733.4
71	11.0	01431.1	-5743.8	161	10.2	04109.2	-5722.2	251	6.8	10409.4	-5715.7
72	11.0	01440.6	-5722.6	162	10.0	04139.2	-5735.5	252	8.4	10436.9	-5701.4
73	11.0	01453.1	-5710.6	163	9.9	04139.2	-5705.8	253	10.4	10453.9	-5739.8
74	10.0	01519.1	-5737.9	164	9.2	04150.2	-5714.9	254	8.2	10455.9	-5740.2
75	10.4	01547.1	-5739.5	165	9.4	04152.2	-5745.9	255	6.4	10507.4	-5731.5
76	9.8	01608.4	-5748.3	166	9.0	04205.7	-5735.6	256	10.4	10609.4	-5740.4
77	10.2	01643.8	-5737.0	167	9.8	04234.2	-5752.5	257	10.4	10609.4	-5750.8
78	8.8	01654.2	-5751.8	168	10.2	04241.2	-5720.9	258	10.4	10640.4	-5708.4
79	10.2	01725.9	-5720.2	169	8.2	04319.7	-5752.8	259	10.4	10648.9	-5731.9
80	9.6	01739.7	-5724.8	170	10.0	04354.2	-5702.3	260	10.2	10649.4	-5727.3
81	9.6	01745.4	-5759.9	171	9.7	04427.7	-5727.9	261	9.5	10703.9	-5735.4
82	9.8	01759.7	-5708.9	172	9.7	04431.7	-5709.1	262	9.3	10736.9	-5748.9
263	10.4	10737.9	-5718.4								
264	9.5	10738.4	-5716.2								
265	10.2	10750.9	-5754.0								
266	8.8	10751.4	-5752.0								
267	10.4	10859.4	-5719.0								
268	9.4	10913.9	-5727.6								
269	9.4	10949.4	-5714.0								
270	9.1	11001.4	-5750.1								
271	8.6	11027.4	-5754.8								
272	10.4	11041.9	-5704.8								
273	9.8	11045.4	-5743.8								
274	9.1	11057.9	-5748.5								
275	10.4	11204.4	-5700.0								
276	10.4	11209.4	-5703.3								
277	9.0	11250.4	-5756.4								
278	10.4	11316.4	-5729.5								
279	9.6	11328.4	-5735.6								
280	9.3	11330.4	-5731.6								
281	9.3	11348.9	-5716.4								
282	10.4	11356.9	-5719.3								
283	10.4	11410.4	-5728.2								
284	9.2	11410.9	-5747.0								
285	10.2	11419.0	-5729.0								
286	9.6	11427.7	-5701.8								
287	10.4	11434.0	-5709.9								
288	9.0	11440.5	-5716.4								
289	9.8	11520.0	-5735.0								
290	9.4	11526.5	-5725.0								
291	10.2	11528.5	-5757.4								
292	6.8	11529.5	-5759.9								
293	10.4	11542.5	-5741.9								
294	9.2	11604.0	-5719.9								
295	10.0	11701.5	-5754.7								
296	8.5	11723.0	-5723.1								
297	10.2	11723.5	-5745.4								
298	10.4	11738.5	-5714.3								
299	10.4	11750.5	-5709.8								
300	8.8	11759.0	-5751.0								
301	10.4	11811.0	-5741.0								
302	8.6	11855.0	-5715.4								
303	9.3	11910.3	-5701.8								
304	9.4	11915.0	-5730.6								
305	8.5	11949.0	-5759.7								
306	9.3	12011.0	-5722.7								
307	9.4	12019.4	-5748.4								
308	9.1	12036.5	-5716.6								
309	9.0	12040.7	-5747.5								
310	10.2	12043.5	-5727.7								
311	8.6	12114.0	-5729.5								
312	10.2	12114.0	-5716.9								
313	9.8	12210.8	-5740.9								
314	10.0	12214.3	-5720.7								
315	8.4	12219.3	-5704.8								
316	10.0	12346.3	-5719.1								
317	10.0	12503.3	-5717.1								
318	9.6	12507.8	-5714.1								
319	9.8	12543.3	-5715.9								
320	10.0	12638.3	-5703.3								
321	10.0	12719.3	-5736.7								
322	10.0	12719.8	-5705.2								
323	9.8	12750.8	-5741.3								
324	9.8	12801.8	-5705.9								
325	9.2	12811.3	-5750.7								
326	9.8	12849.1	-5700.1								
327	9.4	12849.8	-5735.7								
328	9.8	12859.8	-5706.4								
329	10.0	12905.0	-5700.2								
330	6.6	12929.8	-5738.5								
331	9.8	13052.8	-5742.2								
332	9.2	13159.3	-5713.1								
333	9.6	13209.2	-5711.3								
334	2.4	13303.0	-5752.5								
335	9.2	13323.8	-5718.1								
336	8.6	13418.3	-5727.1								
337	7.2	13426.3	-5703.9								
338	10.0	13436.8	-5723.1								
339	10.0	13511.8	-5711.7								
340	10.0	13540.8	-5729.0								
341	9.6	13608.6	-5757.4								
342	10.0	13635.8	-5746.2								
343	10.0	13639.2	-5727.1								
344	9.4	13740.1	-5701.3								
345	9.4	13749.3	-5721.0								
346	9.6	13809.8	-5727.2								
347	9.6	13824.3	-5708.9								
348	9.4	13914.8	-5729.8								
349	9.1	14130.8	-5735.0								
350	8.8	14138.8	-5722.8								
351	10.0	14208.3	-5727.9								
352	9.2	14212.3	-5733.3								

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353	10.0	14220.8	-5722.0
354	9.4	14229.4	-5758.3
355	9.2	14239.8	-5704.4
356	9.8	14239.8	-5712.0
357	10.0	14240.8	-5751.9
358	9.8	14335.9	-5757.0
359	8.4	14336.8	-5700.8
360	9.4	14403.3	-5728.8
361	8.6	14411.8	-5746.0
362	10.0	14422.8	-5745.0
363	9.8	14445.8	-5746.6
364	9.2	14532.8	-5748.2
365	10.0	14628.6	-5757.8
366	10.0	14651.8	-5733.6
367	8.6	14718.6	-5759.0
368	10.0	14736.7	-5757.8
369	9.8	14756.8	-5717.8
370	9.2	14829.8	-5750.0
371	8.6	14830.3	-5715.6
372	9.6	14840.3	-5713.0
373	9.4	15012.8	-5710.6
374	9.2	15019.8	-5717.8
375	9.4	15033.8	-5722.1
376	9.6	15054.3	-5701.8
377	9.4	15202.9	-5755.0
378	10.0	15205.5	-5739.2
379	9.6	15224.6	-5730.1
380	8.7	15249.5	-5733.4
381	10.0	15320.5	-5734.0
382	10.0	15354.5	-5753.2
383	8.4	15430.5	-5728.8
384	9.9	15433.5	-5735.2
385	8.6	15434.0	-5729.2
386	10.0	15555.4	-5700.6
387	9.8	15644.5	-5736.2
388	9.8	15653.2	-5758.1
389	9.4	15659.5	-5720.9
390	9.6	15719.5	-5704.2
391	10.0	15825.5	-5712.1
392	9.8	15827.5	-5759.7
393	9.1	15926.5	-5744.0
394	9.4	15949.5	-5747.1
395	10.0	20020.5	-5711.0
396	9.8	20033.0	-5747.2
397	8.2	20049.9	-5758.4
398	9.4	20050.5	-5714.9
399	9.1	20059.5	-5743.0
400	9.2	20123.5	-5744.5
401	10.0	20152.5	-5727.0
402	10.0	20320.0	-5701.1
403	8.2	20337.0	-5747.2
404	10.0	20338.0	-5732.8
405	10.0	20342.5	-5721.1
406	9.9	20433.0	-5736.8
407	9.5	20541.0	-5714.1
408	9.8	20634.5	-5711.2
409	8.6	20648.0	-5726.1
410	9.6	20650.5	-5743.3
411	9.7	20730.0	-5716.4
412	10.0	20742.0	-5701.9
413	10.0	20826.5	-5752.5
414	10.0	20927.0	-5727.0
415	8.8	20930.5	-5747.8
416	8.2	20932.5	-5755.8
417	8.8	21012.5	-5709.9
418	10.0	21021.5	-5714.4
419	10.0	21033.5	-5749.3
420	8.8	21056.0	-5730.1
421	10.0	21057.5	-5730.8
422	9.0	21204.0	-5713.9
423	9.4	21220.0	-5712.1
424	9.4	21223.5	-5740.2
425	9.1	21440.0	-5741.7
426	9.0	21533.5	-5730.3
427	7.2	21625.5	-5721.3
428	9.0	21724.5	-5704.9
429	10.0	21810.0	-5747.1
430	8.7	21824.0	-5723.6
431	9.1	21846.0	-5702.4
432	9.1	21854.5	-5724.9
433	8.7	21900.5	-5744.9
434	8.6	21912.0	-5706.9
435	8.4	21925.0	-5707.1
436	7.6	21929.5	-5722.9
437	10.0	21950.0	-5753.1
438	9.9	22017.0	-5746.5
439	9.2	22130.5	-5756.3
440	9.9	22203.0	-5743.1
441	9.2	22214.0	-5744.6
442	10.0	22226.0	-5720.8
443	9.2	22228.5	-5723.3
444	9.4	22245.5	-5716.9
445	9.4	22312.5	-5706.3
446	8.6	22324.0	-5758.7
447	9.6	22325.5	-5752.9
448	9.4	22333.0	-5718.0
449	9.0	22440.3	-5721.2
450	9.5	22441.5	-5739.3
451	10.0	22454.5	-5711.4
452	9.2	22518.6	-5750.3
453	9.8	22546.6	-5754.9
454	8.8	22745.1	-5709.2
455	8.7	22930.6	-5736.6
456	9.6	23052.1	-5726.9
457	10.3	23059.6	-5721.2
458	9.4	23105.1	-5732.0
459	9.4	23330.1	-5738.5
460	8.9	23401.1	-5707.4
461	8.8	23501.1	-5733.7
462	10.2	23513.6	-5748.1
463	9.6	23756.1	-5753.4
464	8.4	23851.6	-5710.2
465	9.8	23901.3	-5700.8
466	10.3	23906.6	-5740.4
467	10.2	24017.6	-5742.2
468	10.3	24020.1	-5727.1
469	9.4	24105.1	-5742.0
470	9.6	24106.6	-5753.0
471	9.2	24229.1	-5727.6
472	9.4	24259.6	-5745.7
473	8.3	24336.6	-5757.9
474	9.8	24418.1	-5706.1
475	10.2	24420.6	-5729.5
476	10.3	24421.1	-5712.2
477	10.3	24438.1	-5725.0
478	10.3	24602.6	-5742.7
479	10.0	24715.1	-5725.4
480	10.2	24729.6	-5704.6
481	8.2	24740.1	-5742.4
482	8.3	24842.1	-5730.3
483	8.9	24845.1	-5714.7
484	8.9	25012.6	-5752.0
485	10.3	25021.6	-5711.2
486	9.2	25039.1	-5718.3
487	9.4	25123.6	-5714.2
488	9.6	25159.7	-5700.4
489	9.8	25558.0	-5717.9
490	9.4	25848.0	-5751.2
491	9.2	25914.5	-5752.0
492	9.4	25946.5	-5739.0
493	9.6	30048.0	-5722.3
494	10.0	30050.0	-5740.9
495	9.8	30115.5	-5719.4
496	7.6	30139.0	-5739.1
497	8.0	30142.0	-5753.6
498	11.0	30218.5	-5722.0
499	8.4	30404.0	-5718.2
500	9.8	30409.0	-5713.4
501	10.3	30413.0	-5725.3
502	9.4	30509.0	-5729.2
503	10.2	30512.5	-5738.4
504	10.6	30527.0	-5746.4
505	9.4	30633.5	-5725.3
506	11.0	30713.5	-5703.3
507	10.8	30731.5	-5711.5
508	9.4	30757.0	-5739.8
509	11.0	30759.0	-5744.5
510	9.4	30829.0	-5726.9
511	9.2	30834.2	-5759.1
512	10.8	30849.0	-5720.8
513	7.4	30922.5	-5747.3
514	10.3	30937.0	-5749.1
515	10.0	30954.0	-5709.6
516	11.0	31042.0	-5739.2
517	8.6	31043.0	-5722.9
518	10.0	31202.9	-5702.4
519	9.4	31229.0	-5728.8
520	10.8	31245.8	-5731.3
521	10.6	31324.8	-5728.6
522	11.0	31420.8	-5726.4
523	9.2	31433.1	-5700.3
524	9.2	31509.3	-5701.5
525	9.6	31524.8	-5740.9
526	11.0	31559.6	-5708.7
527	10.4	31703.3	-5728.8
528	11.0	31708.8	-5703.9
529	10.8	31741.8	-5759.9
530	9.4	31811.8	-5756.6
531	10.6	31839.3	-5718.9
532	11.0	31947.8	-5714.0
533	9.0	31959.3	-5719.4
534	11.0	32032.8	-5712.8
535	11.0	32044.3	-5709.7
536	10.6	32050.8	-5707.2
537	9.6	32107.8	-5753.5
538	7.4	32124.3	-5759.6
539	9.4	32141.3	-5700.8
540	10.8	32159.8	-5719.8
541	10.3	32220.8	-5735.7
542	11.0	32249.6	-5741.6
543	9.4	32339.3	-5714.2
544	9.4	32343.3	-5710.4
545	10.2	32416.8	-5710.4
546	9.2	32427.3	-5734.1
547	10.6	32515.3	-5705.8
548	10.6	32517.8	-5711.8
549	10.0	32539.3	-5719.5
550	10.8	32620.8	-5757.0
551	10.3	32640.3	-5717.8
552	9.4	32716.7	-5751.3
553	10.2	33005.0	-5700.6
554	10.2	33203.6	-5758.0
555	9.4	33205.6	-5732.1
556	9.0	33305.1	-5744.8
557	9.1	33320.1	-5728.5
558	10.2	33321.6	-5707.0
559	10.2	33332.6	-5751.9
560	8.6	33345.8	-5758.0
561	9.0	33402.6	-5732.2
562	8.8	33403.6	-5713.1
563	9.0	33452.1	-5718.3
564	8.0	33513.6	-5741.6
565	10.0	33520.1	-5718.6
566	10.2	33541.6	-5743.4
567	8.8	34110.1	-5701.0
568	9.7	34125.1	-5713.1
569	8.1	34200.1	-5703.0
570	10.2	34316.6	-5744.6
571	10.2	34317.2	-5722.1
572	8.4	34411.1	-5703.6
573	9.8	34524.1	-5704.1
574	10.2	34543.2	-5707.3
575	10.2	34552.2	-5743.9
576	9.4	34600.1	-5733.0
577	8.8	34611.1	-5720.9
578	10.0	34640.1	-5720.5
579	10.0	34720.2	-5743.9
580	10.2	34720.2	-5700.0
581	9.2	34728.1	-5714.5
582	10.0	34752.1	-5738.7
583	9.6	34808.6	-5746.8
584	9.1	34826.3	-5757.7
585	10.0	34838.9	-5745.1
586	8.2	34856.5	-5701.6
587	9.4	34909.4	-5721.1
588	10.2	34910.4	-5707.9
589	10.2	34952.4	-5746.5
590	9.7	34953.9	-5723.9
591	8.8	35104.4	-5727.1
592	10.2	35119.9	-5744.3
593	9.8	35152.4	-5726.3
594	10.2	35227.7	-5717.6
595	10.0	35237.9	-5744.4
596	9.8	35317.4	-5714.1
597	10.2	35326.9	-5741.0
598	10.0	35332.9	-5701.7
599	9.8	35358.4	-5749.1
600	8.5	35440.4	-5747.3
601	9.0	35441.4	-5721.3
602	8.1	35510.9	-5707.3
603	8.4	35534.9	-5707.0
604	9.6	35540.9	-5723.1
605	8.5	35543.9	-5714.2
606	6.6	35601.9	-5727.5
607	10.2	35622.7	-5709.5
608	9.2	35624.9	-5736.0
609	9.4	35701.9	-5751.3
610	10.2	35732.4	-5716.1
611	8.8	35758.9	-5701.3
612	7.8	35902.4	-5734.0
613	9.7	40001.5	-5714.4
614	7.8	40014.7	-5748.4
615	9.9	40015.0	-5730.3
616	9.2	40129.9	-5700.8
617	8.6	40156.5	-5730.0
618	9.0	40212.5	-5734.7
619	9.9	40308.5	-5751.0
620	9.9	40311.5	-5702.9
621	9.2	40349.5	-5752.3
622	9.0	40453.0	-5722.9

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623	9.8	40523.0	-5716.8
624	9.0	40559.5	-5741.1
625	9.0	40655.8	-5758.8
626	9.2	40700.5	-5740.1
627	9.2	40721.5	-5719.5
628	8.8	40859.5	-5716.0
629	9.6	40922.0	-5721.2
630	8.8	41031.5	-5708.8
631	9.8	41035.0	-5721.2
632	9.9	41055.5	-5739.4
633	8.8	41110.5	-5713.8
634	9.8	41210.5	-5736.0
635	9.8	41321.0	-5722.2
636	9.7	41332.5	-5737.3
637	9.2	41441.5	-5721.7
638	9.9	41515.5	-5714.8
639	8.5	41517.0	-5736.7
640	8.9	41535.0	-5718.0
641	9.6	41600.0	-5710.0
642	9.4	41727.0	-5733.4
643	9.9	41821.0	-5725.6
644	9.9	41857.6	-5715.9
645	8.5	41859.6	-5750.1
646	9.6	41907.6	-5734.7
647	9.4	41913.1	-5700.0
648	9.4	41931.1	-5728.1
649	8.6	41937.1	-5716.4
650	9.6	42019.6	-5719.5
651	9.8	42038.6	-5728.8
652	9.7	42050.6	-5729.4
653	9.6	42052.1	-5708.7
654	9.7	42059.6	-5727.9
655	9.9	42105.1	-5708.7
656	9.8	42113.1	-5705.9
657	9.7	42118.1	-5745.3
658	7.2	42140.1	-5732.3
659	7.1	42145.6	-5721.2
660	9.0	42213.1	-5752.2
661	9.2	42213.5	-5757.5
662	9.2	42620.6	-5755.5
663	9.0	42628.1	-5702.0
664	8.1	42653.1	-5727.5
665	9.0	42711.1	-5751.6
666	9.6	42821.1	-5740.9
667	8.2	42827.1	-5743.1
668	9.2	42931.6	-5743.7
669	8.4	42939.6	-5725.7
670	9.0	43008.6	-5721.3
671	9.2	43052.1	-5723.1
672	9.6	43104.6	-5744.4
673	9.9	43150.1	-5713.1
674	8.6	43150.3	-5701.1
675	9.4	43218.1	-5739.9
676	9.1	43231.6	-5720.2
677	9.0	43315.6	-5709.9
678	7.8	43321.6	-5740.9
679	9.4	43408.6	-5708.9
680	8.7	43422.1	-5747.9
681	8.5	43431.6	-5711.3
682	9.7	43451.8	-5700.9
683	9.7	43537.1	-5739.3
684	8.6	43617.2	-5701.3
685	8.4	43702.1	-5707.9
686	9.2	43739.1	-5754.8
687	9.7	43818.5	-5710.1
688	9.0	43849.5	-5701.0
689	9.2	43908.0	-5737.7
690	9.7	43927.0	-5709.0
691	9.2	44103.5	-5719.3
692	9.2	44110.0	-5743.3
693	9.4	44217.5	-5748.3
694	9.2	44306.5	-5717.1
695	9.6	44433.4	-5732.6
696	8.7	44504.4	-5722.1
697	9.7	44523.9	-5721.7
698	8.3	44550.9	-5702.1
699	9.0	44552.7	-5759.9
700	9.6	44618.9	-5719.5
701	9.7	44638.4	-5714.9
702	9.2	44652.0	-5740.3
703	9.2	44652.5	-5743.8
704	9.3	44658.5	-5728.7
705	8.3	44702.5	-5718.9
706	9.7	44747.0	-5713.5
707	8.4	44800.5	-5756.8
708	9.7	44902.5	-5707.1
709	9.3	44948.0	-5732.6
710	9.7	45009.4	-5706.1
711	8.9	45038.5	-5739.5
712	8.8	45040.0	-5724.3

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-57 1072 6h50m

713	7.8	45123.0	-5732.1	803	9.8	52109.3	-5735.2	893	9.6	54659.4	-5729.6	983	9.8	61643.8	-5719.9
714	9.2	45209.0	-5745.1	804	9.4	52121.3	-5731.6	894	9.9	54729.9	-5740.3	984	9.8	61708.3	-5734.2
715	8.4	45306.5	-5737.4	805	9.4	52128.8	-5714.9	895	10.0	54735.9	-5706.6	985	9.3	61730.8	-5714.1
716	9.1	45413.0	-5721.9	806	9.2	52140.8	-5740.0	896	10.2	54738.9	-5726.8	986	8.9	61751.8	-5758.9
717	8.9	45422.5	-5706.5	807	9.2	52209.8	-5718.6	897	10.0	54747.0	-5759.4	987	10.0	61759.8	-5711.9
718	9.2	45630.0	-5737.1	808	9.8	52214.3	-5720.6	898	10.4	54754.9	-5749.3	988	9.8	61801.3	-5724.6
719	9.7	45705.0	-5736.7	809	9.4	52219.3	-5729.6	899	9.4	54847.4	-5737.2	989	9.8	61830.3	-5748.4
720	9.6	45746.4	-5757.9	810	10.0	52240.4	-5738.0	900	9.9	54934.4	-5716.6	990	9.8	61843.3	-5717.4
721	7.4	45803.8	-5747.5	811	10.0	52247.8	-5736.6	901	7.0	55014.9	-5710.7	991	9.8	61855.8	-5719.8
722	9.7	45808.3	-5736.4	812	10.0	52253.3	-5737.1	902	10.2	55025.9	-5725.5	992	10.0	61912.8	-5750.2
723	9.4	45834.3	-5726.4	813	9.2	52256.3	-5720.7	903	8.2	55030.2	-5755.7	993	9.2	62025.8	-5731.5
724	9.2	45902.3	-5720.2	814	9.2	52318.8	-5745.6	904	8.7	55032.2	-5754.9	994	9.6	62114.8	-5722.8
725	8.8	45949.8	-5748.5	815	9.6	52353.8	-5712.7	905	10.4	55056.2	-5730.9	995	9.4	62247.8	-5735.7
726	9.4	45958.3	-5739.7	816	9.2	52359.3	-5707.5	906	9.8	55105.2	-5727.7	996	10.0	62322.3	-5748.9
727	9.7	50001.3	-5729.1	817	9.4	52402.8	-5754.8	907	10.0	55132.7	-5706.7	997	9.6	62335.8	-5724.5
728	9.2	50104.8	-5745.0	818	9.6	52429.8	-5755.9	908	10.4	55140.2	-5746.5	998	9.4	62355.3	-5758.7
729	9.1	50110.8	-5721.0	819	9.6	52503.3	-5721.2	909	10.2	55201.2	-5747.9	999	8.8	62407.3	-5721.2
730	9.7	50229.8	-5713.3	820	10.0	52512.3	-5758.0	910	10.4	55251.2	-5719.7	1000	10.0	62413.7	-5757.3
731	9.1	50231.3	-5732.3	821	9.4	52519.8	-5750.3	911	9.6	55305.7	-5716.5	1001	7.1	62505.2	-5755.3
732	7.6	50243.8	-5750.6	822	10.0	52546.3	-5719.4	912	10.2	55312.2	-5729.1	1002	9.4	62517.7	-5706.9
733	8.4	50312.0	-5721.7	823	8.8	52609.3	-5746.0	913	9.1	55329.2	-5718.2	1003	9.8	62535.2	-5750.2
734	10.0	50320.7	-5708.6	824	8.9	52726.7	-5756.8	914	10.2	55339.7	-5734.0	1004	10.0	62540.5	-5754.9
735	6.4	50322.8	-5738.6	825	10.0	52731.3	-5706.2	915	8.8	55356.2	-5704.7	1005	8.7	62605.2	-5715.2
736	9.4	50332.2	-5751.1	826	9.6	52741.8	-5718.1	916	9.2	55412.7	-5704.8	1006	9.0	62641.2	-5741.6
737	9.3	50339.2	-5743.5	827	9.8	52759.3	-5722.0	917	9.3	55442.2	-5708.3	1007	9.6	62650.7	-5751.6
738	10.0	50351.7	-5730.7	828	10.0	52830.8	-5721.0	918	10.4	55451.2	-5739.3	1008	8.4	62651.7	-5731.0
739	9.6	50400.7	-5718.9	829	8.4	52833.8	-5729.0	919	10.2	55502.2	-5706.9	1009	8.4	62740.7	-5711.3
740	9.6	50408.6	-5751.7	830	7.4	52838.3	-5715.1	920	10.4	55522.2	-5727.8	1010	9.4	62824.2	-5741.9
741	9.0	50429.7	-5742.9	831	8.8	52848.3	-5704.7	921	9.6	55600.2	-5759.2	1011	9.1	62839.2	-5700.9
742	9.3	50444.2	-5737.8	832	9.7	52923.8	-5740.9	922	9.6	55601.7	-5719.0	1012	8.4	62919.2	-5731.2
743	9.8	50500.2	-5726.5	833	10.0	52938.8	-5703.7	923	8.7	55609.2	-5722.7	1013	8.8	63030.2	-5747.2
744	10.0	50500.4	-5708.3	834	8.8	52944.3	-5720.6	924	9.9	55609.7	-5710.5	1014	10.0	63042.2	-5758.0
745	9.0	50550.7	-5756.0	835	9.7	52949.8	-5702.4	925	10.2	55617.2	-5707.8	1015	9.1	63101.7	-5714.8
746	9.6	50601.7	-5713.8	836	10.0	53113.8	-5713.2	926	9.6	55631.2	-5737.9	1016	9.4	63104.2	-5703.3
747	10.0	50605.7	-5733.0	837	7.4	53127.3	-5710.2	927	9.6	55654.2	-5706.0	1017	9.4	63113.7	-5739.6
748	8.4	50616.7	-5708.9	838	10.0	53132.8	-5757.0	928	10.2	55656.2	-5710.9	1018	9.4	63300.7	-5746.1
749	10.0	50641.2	-5704.3	839	9.4	53149.3	-5744.4	929	10.4	55736.7	-5724.0	1019	9.6	63302.2	-5722.1
750	9.2	50659.2	-5710.9	840	9.3	53158.8	-5723.0	930	8.6	55810.2	-5753.8	1020	8.4	63308.2	-5709.8
751	10.0	50701.7	-5731.4	841	9.6	53200.3	-5702.1	931	9.6	55810.7	-5742.1	1021	9.8	63325.2	-5708.8
752	9.3	50804.7	-5744.5	842	9.6	53209.8	-5707.3	932	10.2	55817.7	-5714.3	1022	8.8	63334.2	-5747.0
753	9.7	50819.2	-5741.2	843	9.7	53235.3	-5718.7	933	9.0	55855.2	-5754.6	1023	9.4	63339.2	-5727.1
754	9.4	50842.7	-5746.1	844	9.0	53238.8	-5746.6	934	9.1	55907.2	-5747.0	1024	10.0	63401.7	-5731.1
755	10.0	50858.2	-5751.0	845	10.0	53317.3	-5750.0	935	9.9	55939.2	-5708.9	1025	9.2	63405.2	-5703.6
756	8.8	50902.2	-5720.2	846	10.0	53326.8	-5752.2	936	10.2	60002.7	-5705.9	1026	9.6	63408.7	-5736.4
757	9.4	50909.2	-5720.9	847	8.6	53330.3	-5712.9	937	9.6	60003.9	-5701.6	1027	7.4	63421.2	-5726.0
758	8.8	50919.2	-5745.8	848	9.3	53346.3	-5721.3	938	10.4	60044.2	-5730.6	1028	8.8	63436.7	-5701.1
759	9.6	50937.7	-5710.2	849	10.0	53357.3	-5708.2	939	10.4	60046.2	-5732.5	1029	9.4	63440.2	-5731.8
760	9.4	51011.7	-5745.5	850	10.0	53401.8	-5732.8	940	10.0	60111.2	-5738.4	1030	9.3	63456.2	-5754.2
761	9.0	51016.4	-5728.3	851	8.4	53418.8	-5732.1	941	10.2	60216.7	-5717.5	1031	8.9	63459.2	-5750.2
762	9.7	51033.4	-5711.4	852	10.0	53427.8	-5734.8	942	9.4	60231.2	-5739.8	1032	8.9	63531.2	-5719.6
763	9.0	51059.4	-5727.7	853	9.4	53510.8	-5722.9	943	10.4	60236.2	-5745.0	1033	9.8	63637.7	-5708.9
764	9.4	51154.4	-5743.5	854	9.8	53518.8	-5735.6	944	9.2	60251.7	-5701.7	1034	9.8	63743.2	-5703.9
765	8.8	51211.7	-5758.4	855	9.4	53535.6	-5733.8	945	10.2	60254.7	-5745.7	1035	9.2	63744.2	-5734.8
766	9.4	51212.4	-5748.0	856	9.8	53547.8	-5754.0	946	10.4	60258.7	-5715.0	1036	9.8	63811.7	-5707.0
767	10.0	51238.4	-5725.6	857	9.0	53549.3	-5752.9	947	8.6	60300.2	-5750.2	1037	9.3	63833.7	-5708.4
768	10.0	51244.9	-5749.3	858	9.8	53600.8	-5710.7	948	10.4	60300.7	-5718.4	1038	9.8	63850.7	-5721.3
769	10.0	51301.4	-5747.4	859	8.7	53610.1	-5716.7	949	9.6	60321.7	-5751.9	1039	9.8	63949.7	-5741.9
770	9.4	51307.9	-5727.0	860	10.0	53619.3	-5759.7	950	10.4	60341.3	-5719.6	1040	10.0	64009.7	-5722.0
771	9.4	51338.9	-5750.7	861	9.3	53620.6	-5723.1	951	9.9	60347.7	-5731.7	1041	10.0	64023.7	-5708.5
772	9.4	51343.9	-5740.7	862	10.0	53638.3	-5722.0	952	8.6	60348.7	-5758.5	1042	10.2	64057.7	-5716.3
773	9.7	51352.4	-5752.0	863	10.4	53714.6	-5713.6	953	10.2	60413.2	-5731.0	1043	9.5	64120.2	-5739.6
774	9.8	51354.4	-5716.9	864	10.2	53728.4	-5753.0	954	9.3	60417.2	-5708.8	1044	9.2	64200.2	-5716.4
775	9.4	51358.9	-5740.2	865	9.0	53731.4	-5714.8	955	10.2	60425.2	-5756.2	1045	10.3	64207.2	-5756.0
776	10.0	51457.2	-5702.4	866	9.6	53754.9	-5726.0	956	9.6	60450.2	-5704.8	1046	10.0	64225.7	-5752.8
777	9.6	51526.4	-5718.7	867	10.0	53812.4	-5740.8	957	9.4	60514.7	-5709.4	1047	8.5	64236.2	-5718.7
778	10.0	51526.9	-5739.5	868	8.7	53823.4	-5754.0	958	9.6	60525.2	-5746.4	1048	10.0	64319.7	-5744.1
779	9.5	51529.5	-5758.8	869	10.2	53833.4	-5729.4	959	9.8	60553.7	-5709.0	1049	10.0	64351.2	-5724.6
780	9.4	51531.9	-5714.9	870	9.4	53845.4	-5735.3	960	9.6	60611.2	-5711.8	1050	9.4	64424.7	-5704.2
781	9.3	51541.0	-5702.9	871	10.0	53902.9	-5705.0	961	8.6	60618.0	-5754.5	1051	10.0	64450.2	-5728.0
782	9.8	51543.9	-5720.4	872	8.7	53910.4	-5730.1	962	9.3	60622.2	-5734.6	1052	10.2	64508.4	-5701.8
783	8.8	51552.4	-5734.5	873	8.8	53912.9	-5726.8	963	9.4	60626.7	-5717.8	1053	9.6	64519.6	-5758.9
784	8.8	51617.4	-5732.9	874	9.8	53932.9	-5708.2	964	9.1	60730.8	-5755.1	1054	10.0	64550.2	-5728.3
785	9.8	51618.9	-5753.2	875	8.8	54041.9	-5758.4	965	9.4	60743.3	-5745.7	1055	9.4	64552.2	-5756.5
786	10.0	51634.7	-5759.4	876	10.4	54050.4	-5756.9	966	9.8	60846.5	-5747.9	1056	10.0	64557.1	-5748.6
787	10.0	51637.9	-5731.1	877	9.0	54053.9	-5730.6	967	9.6	61009.8	-5748.9	1057	10.0	64601.6	-5759.9
788	10.0	51640.4	-5715.5	878	10.4	54101.9	-5758.6	968	10.0	61010.4	-5707.5	1058	8.4	64605.6	-5720.5
789	9.2	51650.4	-5709.5	879	9.1	54156.4	-5748.6	969	9.8	61031.3	-5722.6	1059	8.0	64610.1	-5730.9
790	9.4	51654.7	-5758.8	880	10.4	54200.9	-5737.9	970	10.0	61046.1	-5701.7	1060	9.5	64646.6	-5756.0
791	9.6	51703.4	-5751.5	881	10.4	54242.1	-5745.1	971	9.3	61201.3	-5752.7	1061	10.3	64705.6	-5721.6
792	9.4	51736.9	-5722.2	882	9.3	54257.4	-5744.0	972	9.8	61309.3	-5729.7	1062	10.1	64718.6	-5725.4
793	9.8	51749.4	-5742.0	883	10.4	54325.9	-5732.2	973	8.8	61320.8	-5700.8	1063	9.5	64748.8	-5756.8
794	9.6	51830.4	-5711.9	884	10.0	54354.9	-5707.5	974	8.4	61338.3	-5739.5	1064	10.3	64804.1	-5723.9
795	9.0	51844.9	-5728.6	885	10.4	54420.4	-5727.6	975	9.0	61359.8	-5757.6	1065	8.5	64832.1	-5714.2
796	9.6	51849.9	-5728.0	886	10.4	54444.9	-5718.0	976	9.6	61451.8	-5748.4	1066	9.5	64836.1	-5739.0
797	9.4	51916.9	-5726.2	887	10.4	54454.9	-5729.0	977	9.8	61540.8	-5729.9	1067	9.6	64900.1	-5753.8
798	9.6	51919.9	-5748.1	888	10.2	54510.4	-5725.7	978	10.0	61552.8	-5722.8	1068	9.4	64912.6	-5706.7
799	9.7	51940.4	-5726.2	889	9.6	54531.9	-5707.8	979	10.0	61559.4	-5700.1	1069	10.2	64921.6	-5735.6
800	9.8	52015.4	-5741.0	890	10.4	54540.3	-5749.4	980	8.2	61605.8	-5717.0	1070	10.1	64940.1	-5723.6
801	9.4	52041.4	-5743.3	891	10.4	54548.9	-5703.3	981	8.9	61607.8	-5752.7	1071	9.8	65021.5	-5758.4
802	10.0	52044.3	-5758.1	892	10.4	54612.4	-5720.8	982	10.0	61637.8	-5731.8	1072	9.0	65035.1	-5750.4

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1073	9.6	65039.6	-5725.8	1163	8.4	71008.4	-5719.9	1253	9.6	72926.6	-5704.4
1074	10.3	65043.1	-5701.0	1164	9.6	71026.1	-5700.9	1254	9.6	72929.1	-5725.3
1075	10.1	65130.1	-5733.6	1165	7.0	71030.4	-5716.5	1255	9.6	72951.1	-5706.0
1076	9.0	65133.6	-5732.2	1166	9.6	71034.9	-5740.9	1256	9.2	73000.1	-5727.0
1077	10.2	65140.1	-5733.8	1167	10.3	71049.1	-5740.9	1257	8.2	73020.1	-5706.2
1078	9.8	65150.1	-5733.8	1168	10.0	71051.5	-5714.8	1258	9.6	73028.1	-5745.1
1079	10.0	65239.6	-5744.4	1169	10.3	71059.9	-5717.7	1259	8.7	73046.6	-5731.4
1080	9.2	65242.6	-5741.7	1170	9.0	71128.9	-5755.7	1260	9.2	73048.6	-5717.8
1081	9.8	65315.1	-5711.0	1171	10.3	71129.9	-5707.3	1261	8.8	73049.1	-5740.0
1082	9.5	65325.6	-5735.0	1172	10.2	71131.9	-5720.9	1262	9.2	73103.1	-5754.3
1083	10.3	65341.7	-5758.9	1173	9.4	71155.6	-5739.2	1263	8.9	73119.1	-5729.4
1084	8.6	65358.1	-5736.0	1174	9.7	71200.1	-5726.6	1264	9.7	73124.1	-5714.2
1085	8.0	65413.1	-5724.2	1175	9.7	71207.1	-5742.8	1265	9.7	73129.6	-5743.0
1086	9.6	65437.1	-5739.0	1176	9.0	71253.2	-5716.0	1266	9.7	73152.4	-5746.5
1087	10.3	65457.6	-5744.7	1177	9.4	71255.1	-5730.8	1267	9.6	73153.6	-5720.3
1088	10.1	65501.1	-5735.9	1178	9.4	71348.6	-5729.6	1268	9.6	73200.1	-5701.4
1089	10.3	65601.6	-5705.9	1179	9.0	71405.1	-5724.8	1269	9.3	73201.6	-5751.7
1090	8.8	65615.6	-5746.2	1180	8.6	71442.1	-5747.2	1270	8.4	73230.1	-5716.6
1091	8.6	65622.1	-5755.0	1181	9.7	71514.1	-5724.6	1271	9.0	73252.1	-5718.1
1092	10.2	65624.1	-5702.4	1182	8.0	71515.1	-5739.8	1272	9.2	73252.1	-5754.2
1093	9.6	65624.1	-5731.0	1183	8.7	71520.1	-5758.5	1273	8.8	73310.1	-5733.6
1094	9.6	65637.6	-5744.2	1184	9.6	71524.1	-5737.8	1274	9.6	73321.1	-5718.6
1095	10.2	65643.8	-5759.9	1185	9.3	71529.6	-5749.0	1275	9.3	73331.1	-5704.1
1096	9.0	65650.1	-5742.1	1186	9.6	71552.1	-5732.3	1276	9.6	73335.6	-5725.0
1097	9.6	65656.6	-5721.0	1187	7.6	71608.1	-5707.2	1277	7.7	73335.9	-5701.2
1098	9.2	65704.6	-5731.1	1188	9.7	71700.1	-5755.0	1278	8.6	73546.1	-5724.6
1099	8.8	65713.6	-5749.8	1189	6.9	71705.1	-5749.2	1279	9.4	73409.1	-5746.2
1100	10.1	65719.3	-5716.1	1190	9.7	71707.1	-5753.0	1280	9.3	73409.1	-5737.0
1101	9.4	65759.8	-5719.7	1191	7.6	71714.6	-5712.9	1281	9.4	73415.1	-5716.3
1102	10.2	65820.3	-5752.1	1192	7.9	71727.6	-5732.7	1282	8.7	73438.6	-5746.5
1103	9.5	65822.3	-5744.1	1193	9.0	71752.1	-5727.0	1283	9.3	73445.1	-5730.7
1104	10.2	65824.8	-5715.2	1194	9.4	71757.6	-5739.7	1284	8.9	73447.1	-5716.0
1105	10.2	65828.8	-5743.0	1195	8.8	71801.1	-5726.8	1285	9.0	73513.1	-5718.1
1106	10.3	65840.3	-5736.0	1196	8.6	71805.1	-5724.8	1286	9.0	73548.6	-5707.3
1107	8.5	65854.1	-5700.8	1197	9.0	71812.6	-5738.7	1287	9.0	73601.1	-5738.5
1108	10.1	65918.8	-5704.2	1198	8.8	71815.6	-5715.1	1288	9.4	73621.1	-5745.7
1109	10.0	65924.8	-5759.0	1199	8.9	71816.6	-5703.5	1289	9.4	73646.1	-5701.8
1110	7.5	65949.3	-5708.0	1200	9.0	71839.6	-5725.4	1290	9.6	73649.1	-5709.3
1111	8.4	65950.8	-5725.1	1201	9.0	71841.6	-5730.0	1291	9.2	73650.1	-5702.3
1112	10.1	65956.3	-5732.9	1202	9.7	71850.1	-5730.4	1292	9.2	73655.1	-5742.2
1113	10.0	70021.3	-5718.0	1203	9.4	71902.1	-5706.4	1293	9.4	73659.1	-5743.1
1114	10.3	70052.3	-5740.2	1204	8.8	71908.6	-5713.3	1294	9.4	73700.6	-5707.7
1115	9.0	70058.8	-5732.6	1205	8.9	71920.1	-5702.6	1295	9.7	73720.1	-5724.2
1116	9.0	70104.3	-5718.9	1206	9.0	71941.6	-5708.7	1296	9.3	73731.6	-5740.0
1117	10.3	70119.8	-5741.8	1207	9.2	72019.6	-5707.7	1297	9.7	73754.1	-5741.9
1118	10.1	70134.3	-5739.0	1208	9.7	72047.1	-5727.2	1298	9.3	73756.1	-5749.5
1119	9.6	70134.8	-5727.2	1209	9.2	72048.1	-5728.8	1299	9.6	73810.1	-5728.1
1120	9.2	70136.8	-5717.8	1210	9.3	72103.6	-5751.5	1300	9.4	73817.1	-5714.7
1121	9.8	70140.3	-5732.2	1211	9.7	72111.6	-5747.1	1301	9.0	73935.6	-5740.4
1122	8.8	70141.3	-5726.4	1212	8.2	72123.1	-5751.2	1302	9.0	73941.6	-5743.5
1123	10.3	70142.3	-5712.0	1213	9.0	72125.6	-5721.5	1303	9.0	74021.1	-5726.0
1124	10.3	70151.3	-5755.0	1214	9.7	72147.4	-5745.3	1304	9.7	74022.6	-5714.1
1125	9.4	70210.3	-5753.6	1215	9.6	72151.1	-5739.7	1305	7.2	74031.6	-5756.0
1126	9.6	70218.8	-5721.2	1216	9.7	72153.6	-5710.5	1306	9.6	74033.6	-5751.6
1127	9.6	70229.3	-5725.4	1217	9.6	72156.6	-5734.0	1307	9.7	74043.6	-5713.1
1128	9.0	70229.8	-5700.0	1218	8.8	72158.9	-5702.9	1308	9.2	74104.1	-5737.2
1129	9.5	70243.3	-5718.0	1219	9.6	72201.6	-5752.7	1309	8.3	74127.1	-5728.2
1130	10.3	70245.5	-5749.5	1220	9.2	72216.1	-5741.0	1310	9.4	74134.1	-5750.8
1131	9.6	70300.3	-5722.6	1221	9.6	72226.1	-5703.1	1311	8.6	74154.6	-5738.6
1132	9.6	70300.3	-5730.5	1222	9.2	72230.4	-5700.3	1312	9.4	74157.6	-5739.9
1133	10.3	70303.3	-5706.0	1223	9.0	72231.1	-5745.3	1313	9.7	74202.4	-5759.9
1134	8.6	70314.8	-5709.4	1224	9.7	72233.1	-5711.0	1314	9.6	74228.6	-5742.9
1135	9.4	70319.8	-5752.0	1225	9.7	72247.6	-5709.5	1315	8.8	74229.1	-5759.1
1136	10.3	70349.8	-5757.5	1226	9.2	72251.6	-5756.1	1316	8.9	74235.1	-5747.0
1137	8.6	70349.8	-5748.5	1227	9.0	72258.1	-5718.0	1317	9.2	74245.1	-5748.1
1138	9.0	70401.8	-5703.2	1228	9.6	72333.1	-5741.9	1318	9.7	74313.6	-5719.0
1139	9.1	70417.3	-5717.0	1229	9.2	72339.1	-5713.9	1319	9.4	74316.1	-5716.8
1140	7.8	70419.8	-5734.9	1230	9.7	72352.1	-5730.8	1320	10.2	74324.6	-5707.3
1141	10.1	70429.2	-5709.0	1231	9.2	72405.7	-5758.6	1321	10.0	74332.1	-5707.6
1142	10.2	70438.7	-5753.2	1232	8.8	72416.1	-5716.1	1322	10.0	74411.1	-5704.9
1143	9.6	70531.2	-5751.6	1233	9.6	72438.6	-5739.6	1323	10.2	74419.6	-5705.5
1144	9.8	70536.2	-5703.5	1234	8.8	72440.1	-5721.4	1324	8.6	74456.6	-5740.7
1145	7.4	70551.2	-5707.9	1235	9.7	72548.6	-5744.1	1325	10.2	74506.1	-5753.9
1146	9.6	70621.7	-5744.1	1236	7.4	72555.1	-5748.9	1326	9.2	74558.6	-5715.8
1147	9.5	70624.2	-5752.4	1237	8.8	72614.1	-5743.1	1327	9.6	74600.1	-5720.2
1148	10.2	70645.7	-5703.5	1238	9.7	72648.6	-5728.8	1328	10.0	74646.1	-5744.3
1149	10.3	70654.7	-5758.5	1239	8.6	72733.6	-5707.9	1329	9.8	74657.6	-5716.8
1150	9.0	70709.7	-5717.7	1240	8.5	72737.0	-5758.0	1330	9.8	74743.2	-5740.8
1151	10.0	70711.2	-5718.0	1241	9.7	72745.6	-5735.9	1331	10.2	74840.2	-5741.2
1152	9.0	70722.2	-5722.9	1242	8.4	72757.1	-5711.2	1332	9.2	74909.7	-5732.6
1153	10.2	70729.2	-5714.1	1243	9.2	72801.1	-5706.0	1333	10.2	74932.2	-5721.6
1154	9.0	70755.2	-5733.8	1244	9.2	72817.1	-5730.6	1334	9.4	74953.7	-5725.7
1155	10.0	70836.4	-5700.5	1245	8.4	72823.6	-5728.2	1335	9.8	74959.7	-5743.6
1156	9.6	70838.2	-5724.3	1246	8.3	72839.6	-5743.6	1336	9.5	75001.7	-5749.3
1157	10.3	70838.3	-5745.0	1247	9.0	72840.6	-5718.6	1337	10.2	75010.2	-5710.0
1158	10.0	70908.2	-5748.8	1248	9.0	72852.1	-5719.4	1338	10.0	75017.2	-5713.8
1159	10.3	70910.1	-5732.9	1249	9.4	72903.1	-5720.4	1339	10.2	75017.2	-5749.5
1160	10.3	70929.7	-5729.5	1250	7.6	72905.6	-5740.4	1340	9.8	75020.2	-5730.1
1161	10.2	70940.4	-5727.8	1251	9.4	72920.1	-5752.6	1341	10.0	75043.7	-5713.6
1162	10.0	70943.4	-5736.7	1252	9.4	72921.6	-5720.0	1342	9.4	75059.7	-5732.9

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1343	8.5	75102.9	-5701.4	1353	10.0	75312.3	-5753.0	1363	9.4	75646.8	-5748.0
1344	9.4	75116.2	-5740.3	1354	8.0	75420.8	-5705.8	1364	9.4	75657.8	-5720.5
1345	9.4	75120.7	-5743.8	1355	9.8	75429.3	-5739.8	1365	9.5	75705.3	-5704.6
1346	8.4	75128.2	-5714.7	1356	9.4	75449.3	-5744.3	1366	10.2	75712.2	-5727.6
1347	9.4	75210.2	-5722.6	1357	9.8	75504.8	-5704.1	1367	10.0	75717.8	-5721.9
1348	10.2	75228.2	-5718.9	1358	7.0	75505.8	-5708.5	1368	9.0	75727.3	-5725.6
1349	8.5	75238.2	-5715.1	1359	10.2	75547.8	-5741.1	1369	9.8	75728.8	-5712.7
1350	9.4	75238.2	-5745.6	1360	9.5	75603.3	-5720.1	1370	10.2	75816.8	-5741.7
1351	9.6	75245.7	-5726.9	1361	9.4	75611.3	-5707.1	1371	8.4	75819.8	-5706.2
1352	9.4	75258.7	-5753.4	1362	9.8	75631.8	-5748.0	1372	9.5	75845.8	-5725.6
1373	7.8	75855.8	-5746.2	1383	9.6	80003.9	-5757.7	1393	8.2	80218.8	-5725.3
1374	10.2	75856.7	-5700.9	1384	9.2	80013.8	-5717.9	1394	9.5	80218.8	-5726.0
1375	10.2	75904.8	-5742.6	1385	10.2	80023.8	-5732.8	1395	9.4	80241.0	-5702.5
1376	9.8	75915.8	-5707.7	1386	10.2	80055.2	-5703.1	1396	10.2	80251.3	-5730.9
1377	9.4	75919.8	-5753.0	1387	9.4	80056.3	-5710.0	1397	10.0	80255.3	-5731.1
1378	9.4	75921.3	-5724.0	1388	10.2	80100.0	-5701.0	1398	8.9	80319.3	-5753.7
1379	10.0	75923.8	-5731.1	1389	9.6	80109.8	-5718.5	1399	10.0	80340.3	-5742.6
1380	10.2	75929.8	-5716.7	1390	9.4	80147.3	-5743.2	1400	9.6	80410.8	-5745.3
1381	9.2	75939.3	-5737.4	1391	8.4	80151.8	-5739.4	1401	10.0	80441.3	-5743.1
1382	8.9	75950.8	-5729.1	1392	10.2	80205.8	-5733.2	1402	9.5	80442.3	-5722.9
1403	9.8	80556.3	-5706.9	1413	10.0	80655.3	-5714.3	1423	9.4	80829.3	-5722.6
1404	10.2	80559.8	-5748.5	1414	10.2	80655.8	-5748.0	1424	10.0	80829.8	-5742.8
1405	10.2	80606.8	-5712.6	1415	9.4	80726.8	-5742.7	1425	9.8	80830.8	-5728.0
1406	10.0	80616.3	-5746.1	1416	10.0	80729.8	-5705.3	1426	9.5	80848.8	-5746.6
1407	10.2	80634.8	-5747.0	1417	9.8	80745.8	-5735.9	1427	10.0	80859.8	-5712.4
1408	10.2	80641.3	-5732.4	1418	10.2	80753.0	-5728.3	1428	10.0	80902.8	-5705.5
1409	9.5	80645.3	-5743.1	1419	9.4	80753.3	-5737.1	1429	10.0	80913.8	-5708.2
1410	9.8	80647.3	-5723.6	1420	10.0	80754.3	-5710.2	1430	9.4	80922.8	-5731.7
1411	8.3	80654.8	-5736.9	1421	10.2	80819.3	-5756.0	1431	9.4	80930.8	-5736.7
1412	9.4	80655.3	-5701.2	1422	9.2	80824.3	-5716.2	1432	9.8	80930.8	-5723.7

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-57 1792 8h52m

1433	10.0	80938.3	-5706.2	1523	9.7	82345.2	-5731.2	1613	9.8	83415.2	-5704.1
1434	9.2	80957.8	-5754.7	1524	9.4	82346.2	-5733.0	1614	9.4	83441.2	-5731.0
1435	9.5	81006.8	-5703.1	1525	9.0	82346.2	-5725.7	1615	10.1	83451.2	-5725.2
1436	9.4	81011.3	-5717.2	1526	9.6	82347.7	-5751.7	1616	9.8	83505.2	-5714.8
1437	9.5	81011.8	-5740.9	1527	9.6	82405.1	-5758.1	1617	10.0	83506.7	-5757.1
1438	10.0	81015.3	-5724.0	1528	10.0	82411.2	-5701.3	1618	9.6	83509.2	-5711.6
1439	9.8	81109.3	-5720.9	1529	9.6	82430.7	-5752.0	1619	10.1	83521.7	-5756.0
1440	8.8	81109.8	-5723.2	1530	9.6	82440.2	-5717.0	1620	10.1	83530.2	-5730.8
1441	10.2	81120.3	-5718.2	1531	9.7	82459.7	-5733.9	1621	9.4	83530.7	-5713.0
1442	10.0	81131.8	-5717.5	1532	8.7	82508.7	-5719.7	1622	9.8	83545.2	-5745.7
1443	9.4	81138.8	-5717.3	1533	10.0	82537.2	-5726.6	1623	9.8	83558.7	-5700.0
1444	9.2	81145.3	-5743.3	1534	8.4	82539.2	-5723.5	1624	9.6	83601.7	-5746.4
1445	10.2	81149.3	-5711.6	1535	8.4	82549.7	-5757.3	1625	10.1	83607.7	-5722.1
1446	9.4	81149.8	-5759.0	1536	10.1	82557.2	-5723.9	1626	9.7	83610.7	-5731.4
1447	8.6	81159.3	-5746.9	1537	8.7	82606.2	-5725.0	1627	10.1	83624.7	-5728.8
1448	10.2	81204.5	-5744.6	1538	8.7	82607.2	-5744.1	1628	9.8	83627.7	-5748.4
1449	10.2	81206.3	-5703.0	1539	10.1	82626.7	-5733.6	1629	10.0	83630.7	-5730.4
1450	9.8	81211.3	-5715.0	1540	9.4	82649.7	-5746.4	1630	9.6	83631.2	-5730.0
1451	9.8	81226.3	-5753.3	1541	9.7	82655.2	-5708.7	1631	9.3	83632.2	-5703.4
1452	9.6	81229.8	-5745.0	1542	10.0	82700.2	-5716.1	1632	10.1	83632.7	-5748.1
1453	9.5	81231.3	-5724.9	1543	10.1	82708.2	-5717.7	1633	9.6	83633.7	-5748.7
1454	10.2	81235.3	-5709.9	1544	10.1	82710.8	-5735.6	1634	9.4	83639.2	-5706.8
1455	10.2	81249.8	-5728.8	1545	10.1	82712.7	-5736.2	1635	9.4	83652.2	-5724.9
1456	9.5	81250.3	-5756.9	1546	9.3	82717.7	-5713.8	1636	9.6	83656.7	-5742.4
1457	9.0	81251.3	-5714.2	1547	10.1	82720.2	-5707.7	1637	9.6	83704.7	-5730.7
1458	10.0	81301.8	-5720.5	1548	9.6	82728.2	-5738.1	1638	9.0	83707.2	-5757.3
1459	10.2	81302.2	-5701.3	1549	9.4	82739.7	-5748.8	1639	9.4	83708.7	-5736.1
1460	9.6	81324.3	-5743.7	1550	9.3	82742.2	-5713.5	1640	10.1	83710.7	-5711.2
1461	10.0	81359.8	-5746.8	1551	9.8	82749.7	-5705.5	1641	9.8	83722.7	-5728.0
1462	8.8	81410.8	-5704.5	1552	9.7	82751.2	-5707.1	1642	9.2	83725.2	-5755.9
1463	9.0	81411.8	-5714.3	1553	9.6	82759.2	-5736.2	1643	9.3	83738.7	-5757.7
1464	8.6	81429.3	-5705.9	1554	8.5	82818.2	-5724.9	1644	7.2	83740.7	-5705.9
1465	9.8	81437.3	-5713.5	1555	9.8	82824.2	-5714.1	1645	9.6	83743.7	-5726.7
1466	10.0	81439.8	-5759.4	1556	10.0	82824.7	-5706.1	1646	10.1	83755.2	-5757.4
1467	9.5	81444.8	-5739.5	1557	9.6	82840.7	-5705.3	1647	10.0	83800.7	-5752.4
1468	9.5	81446.3	-5733.4	1558	9.4	82901.7	-5744.7	1648	8.5	83805.2	-5701.9
1469	9.0	81448.3	-5730.5	1559	9.7	82909.0	-5701.1	1649	9.4	83830.4	-5757.1
1470	9.5	81458.3	-5755.8	1560	9.6	82911.2	-5725.7	1650	9.6	83830.7	-5759.9
1471	10.0	81500.8	-5709.1	1561	9.1	82915.2	-5719.1	1651	9.8	83835.6	-5700.9
1472	9.8	81504.8	-5710.0	1562	9.8	82917.7	-5706.6	1652	9.4	83841.2	-5755.2
1473	9.5	81542.1	-5700.7	1563	10.1	82927.2	-5749.9	1653	10.1	83843.6	-5708.1
1474	9.4	81552.5	-5729.2	1564	9.2	82933.2	-5727.7	1654	10.1	83843.7	-5731.9
1475	10.2	81554.3	-5758.4	1565	9.4	82947.2	-5753.7	1655	9.3	83846.7	-5701.6
1476	10.1	81600.8	-5720.1	1566	10.0	82953.2	-5747.3	1656	9.1	83942.7	-5707.7
1477	10.0	81620.2	-5719.8	1567	9.4	83000.2	-5727.1	1657	9.7	83950.2	-5701.0
1478	10.1	81625.8	-5701.9	1568	9.4	83006.7	-5728.1	1658	10.1	83950.7	-5749.9
1479	9.2	81626.0	-5723.9	1569	9.7	83007.7	-5743.5	1659	9.6	83952.2	-5752.6
1480	10.0	81639.2	-5711.1	1570	9.4	83025.7	-5743.1	1660	10.0	84002.2	-5715.8
1481	10.1	81652.2	-5711.1	1571	10.1	83027.7	-5724.7	1661	9.6	84006.2	-5752.7
1482	10.1	81709.8	-5716.0	1572	9.4	83028.2	-5718.0	1662	9.4	84011.0	-5758.9
1483	8.7	81712.2	-5716.4	1573	8.9	83029.7	-5727.1	1663	9.4	84014.8	-5735.1
1484	8.6	81712.2	-5716.6	1574	9.8	83041.2	-5718.9	1664	9.8	84016.3	-5743.8
1485	9.6	81733.2	-5735.9	1575	9.6	83041.7	-5723.3	1665	9.6	84021.8	-5750.1
1486	9.0	81740.7	-5754.1	1576	10.1	83051.7	-5735.3	1666	9.8	84023.3	-5736.3
1487	10.1	81800.7	-5749.4	1577	9.8	83054.7	-5719.9	1667	9.8	84039.8	-5718.0
1488	10.1	81810.7	-5733.4	1578	10.0	83115.2	-5733.1	1668	10.0	84039.8	-5745.1
1489	10.0	81823.7	-5711.0	1579	9.4	83116.7	-5756.5	1669	9.7	84049.3	-5752.6
1490	6.8	81825.2	-5734.5	1580	9.7	83119.2	-5714.3	1670	9.6	84104.1	-5759.2
1491	8.7	81844.2	-5743.0	1581	9.4	83121.2	-5706.7	1671	10.1	84104.3	-5712.1
1492	9.4	81853.7	-5731.9	1582	9.6	83123.2	-5748.0	1672	9.4	84105.3	-5726.4
1493	10.0	81854.2	-5731.1	1583	9.8	83125.2	-5736.8	1673	10.1	84106.8	-5728.0
1494	9.8	81930.2	-5735.8	1584	10.1	83133.2	-5753.2	1674	10.0	84110.3	-5708.6
1495	10.1	81945.1	-5708.2	1585	10.0	83140.7	-5712.2	1675	9.4	84110.3	-5741.9
1496	8.0	81958.7	-5729.2	1586	9.8	83147.2	-5750.9	1676	10.0	84111.8	-5742.0
1497	9.4	82000.7	-5740.4	1587	9.6	83147.2	-5713.1	1677	10.1	84113.3	-5752.7
1498	10.1	82011.2	-5732.0	1588	10.1	83148.3	-5701.6	1678	8.4	84118.8	-5718.9
1499	10.1	82011.7	-5707.4	1589	9.2	83154.2	-5706.8	1679	10.1	84123.3	-5736.1
1500	9.7	82039.2	-5729.1	1590	5.6	83220.7	-5747.5	1680	10.1	84139.3	-5729.4
1501	10.0	82040.2	-5704.0	1591	5.8	83222.2	-5734.5	1681	9.9	84140.3	-5707.0
1502	9.4	82045.2	-5714.1	1592	9.4	83233.2	-5708.4	1682	9.8	84143.8	-5722.1
1503	10.0	82055.7	-5728.7	1593	10.1	83235.7	-5704.8	1683	10.1	84148.3	-5707.8
1504	10.1	82056.7	-5749.2	1594	9.3	83241.7	-5748.1	1684	10.0	84150.3	-5717.2
1505	9.6	82129.7	-5723.0	1595	10.0	83245.2	-5700.8	1685	9.6	84153.3	-5708.8
1506	9.8	82132.2	-5720.1	1596	9.7	83245.7	-5733.0	1686	10.1	84156.3	-5754.1
1507	10.1	82142.2	-5755.2	1597	9.1	83252.2	-5748.8	1687	9.4	84157.8	-5726.7
1508	10.1	82150.2	-5724.4	1598	9.6	83259.7	-5703.2	1688	8.7	84158.3	-5753.4
1509	10.1	82150.7	-5734.5	1599	9.8	83313.7	-5726.7	1689	9.6	84200.3	-5716.5
1510	9.8	82214.7	-5725.8	1600	10.0	83317.7	-5720.0	1690	8.9	84221.8	-5711.5
1511	8.7	82217.7	-5705.7	1601	10.1	83319.7	-5750.7	1691	10.0	84224.3	-5736.3
1512	9.8	82233.2	-5709.9	1602	9.0	83331.2	-5747.0	1692	10.1	84226.3	-5745.4
1513	7.1	82241.2	-5743.4	1603	10.0	83338.2	-5717.4	1693	10.1	84229.8	-5712.1
1514	9.7	82248.2	-5702.3	1604	10.1	83339.2	-5728.8	1694	10.1	84232.3	-5738.7
1515	9.8	82304.7	-5739.1	1605	10.1	83342.2	-5723.2	1695	10.1	84238.3	-5748.1
1516	10.0	82306.7	-5750.3	1606	10.0	83351.7	-5720.8	1696	9.8	84245.8	-5748.0
1517	9.6	82307.2	-5726.0	1607	10.1	83358.7	-5717.2	1697	8.9	84249.1	-5717.1
1518	9.6	82321.2	-5708.2	1608	10.0	83401.2	-5738.8	1698	8.9	84300.6	-5747.3
1519	9.7	82321.2	-5706.3	1609	10.0	83401.2	-5700.5	1699	9.4	84305.1	-5710.5
1520	8.6	82321.7	-5729.5	1610	10.0	83403.2	-5754.8	1700	10.1	84316.1	-5710.9
1521	9.0	82332.2	-5752.5	1611	9.8	83407.2	-5741.3	1701	9.4	84320.1	-5730.7
1522	9.6	82343.7	-5730.2	1612	10.1	83411.2	-5738.0	1702	9.8	84325.1	-5709.5
1703	10.0	84330.1	-5735.2								
1704	9.8	84331.6	-5708.7								
1705	10.1	84339.1	-5738.0								
1706	10.1	84355.1	-5710.5								
1707	10.1	84356.1	-5733.6								
1708	10.1	84357.8	-5757.2								
1709	8.5	84400.6	-5737.0								
1710	9.1	84401.6	-5720.0								
1711	9.8	84406.1	-5704.6								
1712	10.1	84411.1	-5736.4								
1713	10.0	84414.6	-5724.6								
1714	8.8	84420.1	-5712.0								
1715	9.4	84420.6	-5752.9								
1716	10.1	84425.6	-5713.0								
1717	9.4	84427.6	-5729.8								
1718	9.4	84436.3	-5759.9								
1719	9.8	84438.6	-5728.8								
1720	10.1	84447.6	-5748.8								
1721	9.4	84449.1	-5735.9								
1722	9.7	84453.1	-5731.7								
1723	9.7	84455.1	-5745.9								
1724	10.1	84503.6	-5709.2								
1725	8.5	84505.1	-5711.8								
1726	9.6	84509.6	-5758.4								
1727	9.2	84510.1	-5735.1								
1728	8.4	84522.6	-5745.9								
1729	10.0	84525.6	-5721.7								
1730	10.1	84533.4	-5737.4								
1731	9.8	84533.7	-5759.2								
1732	8.9	84536.9	-5701.5								
1733	9.4	84545.9	-5708.1								
1734	8.8	84558.9	-5707.3								
1735	10.1	84559.9	-5718.6								
1736	8.4	84604.9	-5712.6								
1737	9.6	84607.9	-5745.6								
1738	9.4	84609.9	-5714.9								
1739	9.8	84612.4	-5712.4								
1740	9.8	84615.4	-5754.5								
1741	10.1	84630.4	-5710.1								
1742	10.1	84630.4	-5732.9								
1743	9.6	84648.9	-5742.4								
1744	9.6	84651.9	-5705.0								
1745	9.6	84659.9	-5718.0								
1746	10.1	84707.4	-5755.0								
1747	10.1	84708.9	-5738.5								
1748	10.1	84710.4	-5718.4								
1749	9.8	84713.4	-5733.6								
1750	10.0	84728.9	-5753.0								
1751	9.6	84732.9	-5741.8								
1752	9.8	84749.9	-5756.6								
1753	8.9	84752.4	-5717.9								
1754	10.0	84756.4	-5706.8								
1755	10.0	84806.4	-5707.2								
1756	9.4	84808.9	-5742.9								
1757	9.6	84820.4	-5709.3								
1758	10.1	84822.4	-5736.3								
1759	6.4	84825.4	-5709.8								
1760	10.1	84825.4	-5711.2								
1761	9.6	84828.9	-5742.0								
1762	10.0	84832.9	-5738.5								
1763	8.2	84839.4	-5753.7								
1764	9.6	84840.4	-5739.7								
1765	9.1	84840.4	-5702.7								
1766	9.1	84851.9	-5736.8								
1767	8.6	84852.4	-5704.4								
1768	9.2	84856.9	-5704.8								
1769	9.0	84904.4	-5745.8								
1770	9.1	84905.4	-5704.0								
1771	9.2	84909.4	-5715.8								
1772	8.8	84919.9	-5741.0								
1773	9.6	84938.4	-5712.9								
1774	9.4	84940.9	-5711.6								
1775	9.3	84948.4	-5728.0								
1776	9.4	85011.9	-5717.1								
1777	8.6	85013.4	-5716.6								
1778	9.6	85026.4	-5712.8								
1779	9.6	85028.4	-5753.0								
1780	9.6	85045.4	-5730.3								
1781	9.2	85059.9	-5715.1								
1782	9.2	85102.4	-5713.3								
1783	9.6	85131.9	-5713.2								
1784	9.3	85134.4	-5706.3								
1785	9.6	85137.4	-5748.4								
1786	9.6	85139.4	-5742.5								
1787	8.6	85139.4	-5717.0								
1788	9.2	85145.4	-5736.0								
1789	9.6	85145.4	-5731.5								
1790	7.1	85145.4	-5745.7								
1791	9.6	85148.4	-5755.9								
1792	9.0	85209.4	-5717.1								

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1793	9.6	85212.0	-5703.0	1883	9.6	90440.1	-5738.1	1973	9.0	91417.6	-5714.2	2063	10.4	92415.9	-5747.0
1794	9.6	85212.4	-5731.2	1884	9.2	90441.1	-5724.6	1974	9.4	91425.6	-5758.0	2064	10.2	92417.9	-5703.8
1795	9.4	85213.4	-5758.8	1885	7.6	90444.6	-5737.4	1975	9.2	91435.6	-5720.7	2065	8.2	92424.7	-5757.9
1796	9.6	85244.4	-5741.6	1886	8.4	90448.6	-5703.0	1976	9.1	91438.6	-5715.4	2066	10.2	92439.9	-5747.8
1797	9.6	85312.4	-5707.3	1887	9.2	90449.6	-5732.7	1977	8.6	91440.1	-5726.4	2067	9.0	92443.4	-5719.7
1798	9.6	85319.6	-5737.4	1888	9.2	90452.6	-5710.4	1978	8.7	91441.1	-5734.7	2068	10.4	92448.4	-5720.3
1799	9.4	85343.4	-5732.2	1889	8.8	90453.6	-5738.4	1979	9.6	91446.5	-5702.6	2069	10.2	92448.9	-5728.9
1800	9.1	85356.9	-5759.9	1890	9.3	90509.1	-5725.3	1980	9.3	91458.1	-5710.1	2070	10.4	92450.2	-5701.9
1801	9.6	85414.4	-5733.1	1891	9.4	90513.6	-5739.3	1981	9.6	91459.6	-5757.9	2071	7.6	92452.4	-5747.3
1802	9.2	85419.9	-5706.4	1892	8.6	90522.1	-5748.9	1982	9.2	91511.6	-5723.9	2072	10.4	92501.4	-5703.7
1803	9.6	85428.2	-5730.3	1893	9.1	90522.6	-5745.0	1983	9.2	91533.1	-5731.7	2073	9.2	92514.9	-5711.7
1804	9.6	85431.9	-5738.0	1894	9.6	90532.6	-5712.5	1984	9.6	91601.6	-5711.1	2074	10.4	92517.9	-5708.5
1805	9.2	85438.4	-5705.7	1895	9.6	90534.0	-5700.1	1985	9.2	91603.1	-5717.1	2075	9.5	92519.4	-5754.1
1806	9.6	85449.8	-5744.0	1896	9.3	90536.1	-5751.9	1986	9.3	91622.1	-5706.0	2076	10.4	92531.4	-5713.9
1807	8.5	85450.9	-5753.0	1897	9.6	90539.6	-5756.8	1987	9.4	91628.6	-5752.6	2077	9.6	92541.4	-5716.7
1808	9.0	85455.5	-5759.4	1898	9.0	90539.6	-5721.5	1988	9.4	91630.1	-5731.9	2078	10.4	92545.4	-5729.9
1809	9.6	85456.2	-5753.0	1899	9.3	90543.6	-5728.0	1989	9.3	91641.6	-5747.6	2079	10.4	92545.4	-5741.4
1810	9.4	85456.9	-5730.4	1900	9.2	90547.6	-5720.8	1990	9.2	91647.1	-5720.8	2080	10.2	92557.9	-5739.9
1811	9.4	85503.4	-5712.5	1901	9.4	90550.6	-5750.1	1991	9.2	91653.6	-5757.5	2081	7.9	92558.9	-5745.1
1812	9.6	85507.4	-5753.7	1902	9.0	90606.1	-5736.1	1992	9.4	91709.6	-5759.3	2082	10.0	92604.9	-5726.2
1813	9.1	85516.4	-5720.2	1903	9.4	90628.6	-5718.2	1993	8.7	91709.6	-5744.2	2083	10.0	92609.9	-5712.4
1814	9.0	85529.9	-5744.5	1904	9.2	90630.1	-5757.0	1994	9.6	91713.6	-5726.9	2084	9.6	92613.9	-5720.3
1815	9.2	85547.9	-5749.2	1905	8.8	90656.1	-5743.9	1995	9.2	91725.1	-5739.1	2085	8.3	92614.4	-5700.1
1816	9.2	85559.4	-5717.9	1906	9.0	90659.8	-5701.0	1996	9.3	91728.1	-5711.8	2086	10.2	92620.9	-5716.7
1817	9.2	85603.4	-5719.2	1907	9.1	90706.0	-5701.7	1997	9.6	91728.6	-5749.0	2087	10.4	92626.9	-5741.1
1818	9.6	85618.4	-5702.9	1908	8.8	90708.8	-5701.2	1998	9.0	91739.6	-5733.9	2088	9.0	92639.4	-5751.6
1819	9.6	85636.2	-5729.6	1909	8.2	90729.1	-5709.2	1999	9.4	91742.1	-5709.0	2089	9.5	92640.9	-5723.1
1820	9.0	85637.4	-5718.2	1910	8.8	90739.6	-5738.9	2000	9.1	91756.6	-5719.3	2090	7.7	92644.4	-5748.7
1821	9.6	85652.2	-5758.0	1911	9.2	90742.1	-5711.7	2001	9.2	91812.6	-5746.7	2091	10.2	92646.9	-5745.5
1822	8.0	85654.9	-5746.4	1912	8.0	90746.1	-5749.1	2002	8.7	91826.1	-5747.9	2092	10.4	92649.4	-5751.1
1823	9.2	85707.8	-5745.0	1913	7.6	90804.6	-5706.4	2003	9.4	91831.6	-5729.9	2093	9.5	92654.4	-5736.7
1824	8.6	85713.4	-5726.9	1914	6.8	90807.6	-5727.2	2004	9.1	91859.1	-5734.4	2094	8.8	92700.2	-5734.8
1825	8.8	85733.9	-5725.6	1915	8.6	90808.1	-5749.6	2005	9.2	91923.7	-5711.4	2095	10.4	92708.2	-5722.2
1826	9.6	85740.9	-5741.0	1916	9.0	90812.6	-5754.0	2006	9.6	91927.4	-5739.1	2096	10.4	92720.7	-5706.4
1827	9.6	85742.2	-5702.8	1917	9.6	90814.6	-5729.7	2007	9.4	91927.7	-5708.0	2097	10.0	92724.7	-5755.1
1828	9.0	85756.9	-5708.8	1918	9.6	90817.6	-5734.3	2008	9.1	91933.0	-5711.0	2098	10.0	92731.7	-5744.4
1829	9.3	85801.9	-5732.4	1919	8.8	90818.6	-5713.9	2009	9.6	91938.7	-5719.3	2099	10.4	92741.7	-5759.8
1830	9.4	85826.4	-5711.3	1920	9.3	90827.1	-5727.1	2010	9.3	91943.7	-5706.3	2100	10.4	92745.7	-5749.3
1831	9.6	85829.4	-5731.0	1921	9.2	90846.6	-5700.2	2011	9.4	91946.7	-5728.2	2101	9.6	92747.7	-5742.9
1832	9.2	85837.9	-5739.9	1922	9.4	90853.0	-5702.2	2012	10.0	91947.8	-5737.4	2102	9.0	92749.7	-5752.5
1833	9.4	85838.9	-5740.4	1923	9.4	90857.6	-5754.8	2013	10.0	91953.2	-5706.8	2103	10.4	92801.7	-5713.5
1834	9.4	85844.4	-5704.4	1924	9.6	90858.6	-5725.3	2014	10.4	91958.3	-5758.9	2104	10.4	92809.7	-5754.4
1835	9.1	85858.4	-5730.0	1925	9.6	90914.1	-5753.2	2015	10.4	91958.8	-5755.8	2105	9.6	92811.7	-5728.5
1836	9.2	85859.9	-5732.2	1926	8.6	90915.1	-5712.1	2016	9.2	91959.3	-5720.3	2106	8.9	92819.7	-5707.9
1837	8.8	85902.4	-5717.0	1927	9.6	90929.1	-5718.3	2017	10.4	92009.0	-5756.5	2107	10.4	92830.7	-5725.0
1838	9.2	85908.9	-5710.6	1928	9.6	90938.1	-5736.3	2018	10.4	92011.1	-5701.2	2108	9.8	92841.7	-5708.0
1839	9.4	85913.4	-5751.3	1929	9.4	90945.1	-5723.1	2019	10.4	92016.8	-5727.5	2109	9.5	92842.4	-5703.1
1840	9.3	85913.4	-5727.3	1930	9.4	90950.1	-5705.5	2020	10.4	92021.7	-5709.5	2110	7.6	92844.2	-5723.5
1841	8.8	85942.9	-5754.0	1931	9.6	90951.1	-5726.2	2021	10.2	92030.8	-5713.2	2111	9.8	92846.5	-5702.7
1842	9.4	85947.9	-5715.8	1932	9.3	90953.1	-5725.8	2022	10.4	92035.7	-5708.3	2112	9.2	92849.7	-5708.1
1843	9.2	85947.9	-5742.2	1933	9.3	90954.1	-5742.2	2023	9.0	92039.3	-5751.9	2113	10.4	92856.2	-5732.9
1844	9.6	85950.9	-5755.7	1934	9.4	90955.1	-5738.0	2024	10.0	92055.3	-5744.7	2114	10.2	92857.2	-5743.4
1845	9.4	85952.4	-5708.8	1935	9.4	91005.1	-5746.1	2025	10.0	92057.3	-5716.0	2115	9.8	92902.7	-5707.5
1846	9.4	85959.4	-5709.0	1936	9.4	91018.1	-5733.2	2026	10.4	92105.3	-5705.4	2116	10.0	92907.2	-5709.3
1847	9.6	90001.4	-5733.2	1937	9.2	91023.1	-5756.4	2027	10.4	92105.3	-5724.3	2117	10.2	92911.7	-5724.1
1848	8.1	90003.4	-5716.2	1938	9.0	91024.1	-5751.4	2028	10.2	92112.3	-5727.7	2118	9.6	92917.2	-5738.5
1849	9.6	90008.7	-5736.1	1939	9.3	91027.1	-5752.7	2029	10.0	92119.8	-5755.1	2119	10.0	92927.2	-5736.7
1850	9.6	90013.4	-5706.1	1940	9.3	91033.1	-5747.0	2030	9.4	92120.8	-5712.8	2120	8.4	92929.7	-5719.7
1851	9.2	90021.9	-5735.2	1941	9.2	91048.1	-5738.2	2031	10.4	92122.0	-5727.0	2121	9.6	92931.2	-5741.1
1852	9.6	90023.0	-5757.2	1942	9.6	91110.6	-5721.2	2032	10.0	92122.3	-5715.1	2122	6.9	92932.7	-5724.4
1853	9.4	90023.4	-5725.8	1943	8.7	91113.6	-5708.6	2033	10.2	92124.3	-5739.7	2123	10.4	92932.7	-5709.1
1854	9.4	90052.7	-5744.2	1944	9.2	91118.6	-5754.8	2034	10.0	92126.8	-5732.9	2124	10.4	92934.7	-5704.4
1855	9.6	90103.4	-5717.6	1945	9.2	91130.6	-5704.0	2035	10.2	92127.9	-5734.3	2125	10.0	92938.2	-5719.1
1856	9.6	90106.9	-5742.7	1946	9.6	91132.1	-5735.6	2036	10.4	92149.4	-5725.7	2126	8.0	92949.7	-5749.8
1857	8.8	90111.4	-5722.9	1947	8.9	91136.6	-5709.7	2037	10.2	92151.4	-5722.1	2127	9.4	92951.2	-5752.0
1858	9.0	90111.4	-5710.1	1948	8.7	91148.6	-5753.1	2038	10.0	92152.9	-5712.1	2128	8.8	92951.7	-5708.8
1859	7.4	90128.4	-5721.2	1949	6.2	91152.6	-5752.1	2039	10.2	92158.7	-5702.9	2129	10.4	92952.2	-5720.4
1860	9.6	90129.0	-5735.6	1950	9.0	91159.6	-5710.1	2040	10.0	92204.9	-5734.3	2130	9.8	92959.2	-5.57.1
1861	9.6	90130.4	-5717.4	1951	7.4	91203.6	-5703.5	2041	10.4	92205.4	-5749.6	2131	9.5	92959.7	-5756.4
1862	9.3	90139.9	-5700.6	1952	8.9	91205.1	-5740.5	2042	10.4	92219.4	-5740.9	2132	10.4	92959.7	-5721.0
1863	9.4	90208.1	-5720.9	1953	9.1	91207.1	-5741.5	2043	9.6	92223.4	-5734.9	2133	10.4	93014.7	-5728.0
1864	9.4	90214.6	-5715.2	1954	9.1	91208.6	-5730.8	2044	10.2	92226.4	-5731.0	2134	9.8	93019.7	-5707.1
1865	9.6	90220.6	-5736.1	1955	9.4	91209.1	-5712.4	2045	8.6	92234.9	-5710.1	2135	9.4	93020.2	-5757.5
1866	9.4	90227.1	-5702.3	1956	9.6	91221.1	-5709.0	2046	10.4	92239.4	-5711.1	2136	9.0	93024.7	-5717.8
1867	9.6	90243.3	-5700.4	1957	9.6	91221.6	-5756.2	2047	10.4	92242.9	-5725.3	2137	10.4	93029.2	-5716.0
1868	9.6	90258.6	-5728.9	1958	8.9	91228.6	-5703.1	2048	10.4	92248.4	-5748.3	2138	10.4	93029.7	-5707.0
1869	9.6	90313.6	-5705.6	1959	8.8	91235.1	-5741.0	2049	10.4	92249.4	-5716.9	2139	8.6	93033.1	-5752.2
1870	9.1	90319.6	-5748.3	1960	9.6	91235.6	-5711.0	2050	10.4	92259.4	-5749.4	2140	10.2	93039.7	-5746.1
1871	9.4	90324.6	-5703.2	1961	7.3	91239.8	-5701.3	2051	10.4	92323.9	-5758.3	2141	10.2	93043.7	-5720.7
1872	9.2	90328.1	-5756.9	1962	9.2	91248.6	-5724.0	2052	10.4	92325.9	-5707.2	2142	10.4	93049.7	-5746.7
1873	9.4	90331.1	-5708.4	1963	9.6	91249.1	-5704.7	2053	10.4	92328.4	-5724.9	2143	10.4	93054.2	-5748.3
1874	9.2	90331.1	-5755.2	1964	8.8	91249.6	-5746.8	2054	9.4	92334.4	-5725.9	2144	10.4	93102.2	-5722.6
1875	9.2	90334.6	-5738.2	1965	9.3	91307.1	-5743.6	2055	9.2	92340.4	-5728.1	2145	10.4	93102.7	-5746.4
1876	9.2	90337.1	-5756.9	1966	9.0	91308.6	-5753.0	2056	10.2	92345.9	-5731.5	2146	10.4	93108.2	-5727.7
1877	9.6	90339.6	-5743.6	1967	9.1	91320.1	-5758.6	2057	10.4	92351.4	-5742.3	2147	10.4	93109.2	-5716.1
1878	8.6	90408.1	-5755.2	1968	9.6	91322.1	-5743.7	2058	7.7	92355.4	-5732.9	2148	10.4	93109.7	-5731.0
1879	9.4	90410.6	-5748.1	1969	9.4	91330.6	-5739.9	2059	9.6	92359.4	-5740.1	2149	10.2	93111.7	-5737.9
1880	9.6	90410.6	-5740.4	1970	9.1	91338.6	-5717.3	2060	10.0	92400.9	-5746.0	2150	10.4	93121.7	-5748.1
1881	9.6	90415.6	-5731.1	1971	9.6	91349.6	-5720.2	2061	10.2	92401.4	-5728.7	2151	9.8	93121.7	-5748.7
1882	8.8	90420.6	-5713.6	1972	9.2	91409.6	-5758.0	2062	10.2	92410.4	-5722.6	2152	9.6	93131.2	-5754.9

-57 2152 9h31m

-57 2153 9h31m

-57 2512 9h55m

2153	10.0	93141.2 -5714.7	2243	10.4	93818.2 -5735.8	2333	10.4	94358.5 -5738.2	2423	10.2	95056.0 -5732.2
2154	10.4	93154.2 -5748.4	2244	10.0	93828.8 -5700.0	2334	8.6	94400.5 -5736.2	2424	8.6	95059.0 -5752.6
2155	10.2	93200.7 -5757.7	2245	10.4	93829.2 -5711.2	2335	9.8	94408.0 -5725.9	2425	10.0	95100.0 -5752.9
2156	10.4	93201.2 -5707.2	2246	10.4	93830.2 -5706.8	2336	10.0	94409.5 -5718.2	2426	10.2	95100.0 -5720.1
2157	10.0	93206.7 -5729.5	2247	10.2	93831.2 -5705.4	2337	9.8	94416.5 -5735.1	2427	9.8	95104.0 -5736.0
2158	10.4	93209.7 -5743.2	2248	10.4	93838.2 -5721.2	2338	9.6	94420.5 -5736.9	2428	10.2	95109.5 -5745.9
2159	8.4	93225.2 -5728.0	2249	10.2	93841.2 -5713.9	2339	9.8	94426.0 -5745.6	2429	10.4	95111.5 -5743.0
2160	10.4	93231.2 -5758.8	2250	10.0	93842.2 -5709.9	2340	9.2	94427.0 -5704.7	2430	10.2	95112.5 -5724.1
2161	8.8	93238.7 -5708.8	2251	9.5	93847.2 -5725.3	2341	9.8	94427.0 -5752.5	2431	9.2	95116.5 -5724.5
2162	10.4	93238.7 -5751.7	2252	9.6	93848.7 -5718.9	2342	10.0	94431.3 -5727.9	2432	10.0	95118.0 -5744.9
2163	10.2	93247.2 -5721.3	2253	10.4	93849.7 -5744.3	2343	10.2	94431.5 -5729.5	2433	9.5	95122.8 -5750.2
2164	10.2	93251.2 -5729.2	2254	8.2	93849.7 -5732.0	2344	10.4	94433.5 -5727.0	2434	9.2	95124.0 -5721.5
2165	10.4	93301.2 -5736.4	2255	10.4	93852.7 -5729.1	2345	10.0	94434.0 -5746.9	2435	10.2	95125.5 -5756.3
2166	10.0	93307.2 -5753.8	2256	9.8	93855.2 -5732.0	2346	9.6	94435.0 -5731.1	2436	10.4	95126.4 -5719.9
2167	10.4	93309.7 -5752.7	2257	10.4	93902.7 -5710.9	2347	10.4	94439.0 -5726.0	2437	10.4	95136.3 -5720.0
2168	10.0	93314.7 -5731.0	2258	9.2	93903.7 -5704.1	2348	10.2	94441.0 -5725.7	2438	9.8	95140.5 -5757.0
2169	10.0	93320.2 -5715.8	2259	9.6	93904.2 -5750.9	2349	10.0	94441.0 -5744.9	2439	10.4	95141.5 -5715.4
2170	9.0	93321.2 -5725.9	2260	10.4	93909.7 -5719.6	2350	10.2	94446.5 -5727.6	2440	10.2	95150.5 -5702.6
2171	10.2	93322.7 -5745.2	2261	10.2	93916.7 -5731.4	2351	10.4	94449.0 -5757.1	2441	10.4	95159.5 -5708.5
2172	10.4	93329.7 -5730.0	2262	10.4	93917.7 -5722.1	2352	10.4	94451.5 -5756.7	2442	10.2	95202.8 -5700.3
2173	10.4	93330.7 -5736.3	2263	10.2	93920.2 -5720.5	2353	10.2	94456.5 -5743.4	2443	10.4	95205.5 -5703.9
2174	10.2	93336.7 -5746.2	2264	10.2	93921.7 -5708.5	2354	10.2	94457.0 -5749.5	2444	10.0	95212.3 -5759.0
2175	9.0	93341.2 -5712.2	2265	10.2	93922.7 -5730.0	2355	10.4	94503.0 -5722.5	2445	10.0	95217.7 -5743.7
2176	10.4	93341.2 -5741.2	2266	10.4	93929.2 -5725.6	2356	10.2	94513.5 -5720.0	2446	10.4	95219.9 -5718.8
2177	10.0	93345.3 -5700.8	2267	10.4	93932.7 -5725.6	2357	10.4	94521.5 -5722.7	2447	9.4	95228.2 -5729.7
2178	10.2	93349.7 -5737.9	2268	9.8	93941.2 -5751.5	2358	9.2	94527.5 -5728.2	2448	10.5	95230.5 -5747.9
2179	10.0	93357.7 -5725.0	2269	10.2	93941.2 -5747.1	2359	10.0	94543.0 -5738.5	2449	10.0	95236.7 -5750.1
2180	10.4	93401.7 -5723.8	2270	10.4	93943.2 -5752.4	2360	10.4	94546.0 -5755.0	2450	9.7	95237.2 -5723.3
2181	9.4	93406.2 -5712.2	2271	10.4	93945.7 -5744.1	2361	10.2	94549.5 -5745.0	2451	7.9	95237.4 -5703.6
2182	10.4	93409.7 -5738.4	2272	10.4	93949.7 -5707.7	2362	8.6	94551.0 -5719.3	2452	10.0	95244.2 -5715.1
2183	10.2	93412.2 -5738.4	2273	8.4	93958.2 -5703.9	2363	10.4	94553.0 -5712.9	2453	10.4	95244.7 -5740.6
2184	9.8	93416.2 -5751.5	2274	9.0	94000.2 -5735.1	2364	10.4	94557.5 -5755.6	2454	9.0	95246.7 -5755.0
2185	10.0	93417.7 -5758.3	2275	10.4	94006.2 -5727.7	2365	10.4	94605.0 -5711.5	2455	10.5	95247.7 -5755.9
2186	10.4	93417.7 -5735.8	2276	10.2	94011.2 -5755.2	2366	9.8	94611.5 -5723.2	2456	10.5	95250.2 -5741.5
2187	10.4	93417.7 -5710.8	2277	8.4	94011.7 -5721.3	2367	7.8	94612.5 -5737.9	2457	9.6	95254.2 -5709.0
2188	9.8	93419.7 -5749.2	2278	10.4	94013.2 -5745.5	2368	7.9	94614.5 -5727.7	2458	10.5	95258.7 -5732.9
2189	10.4	93421.2 -5709.0	2279	10.4	94015.2 -5742.0	2369	10.0	94616.0 -5732.6	2459	10.4	95302.7 -5749.8
2190	10.4	93423.5 -5758.7	2280	9.8	94015.7 -5745.1	2370	10.4	94629.5 -5755.6	2460	10.5	95303.1 -5730.1
2191	10.0	93428.7 -5749.4	2281	10.0	94019.7 -5716.4	2371	10.4	94639.0 -5759.7	2461	10.5	95303.2 -5732.9
2192	10.2	93429.2 -5740.4	2282	9.0	94020.7 -5704.4	2372	10.0	94639.5 -5727.6	2462	10.0	95305.7 -5729.7
2193	9.5	93429.7 -5702.2	2283	8.9	94021.7 -5727.8	2373	9.6	94649.5 -5746.3	2463	10.4	95305.8 -5735.1
2194	10.4	93430.7 -5750.0	2284	10.4	94025.2 -5757.0	2374	10.0	94649.5 -5736.7	2464	10.2	95306.7 -5751.2
2195	9.6	93431.2 -5718.5	2285	9.8	94029.7 -5733.5	2375	9.8	94650.0 -5722.9	2465	10.2	95309.2 -5731.3
2196	10.4	93432.2 -5733.4	2286	10.0	94031.0 -5702.4	2376	9.8	94651.0 -5724.2	2466	10.5	95310.2 -5743.7
2197	9.0	93432.6 -5759.0	2287	10.4	94033.0 -5751.1	2377	10.4	94657.0 -5754.1	2467	10.4	95316.7 -5704.4
2198	10.0	93442.7 -5724.0	2288	9.6	94039.5 -5704.0	2378	10.4	94658.5 -5753.8	2468	10.5	95319.7 -5713.4
2199	10.4	93447.2 -5737.4	2289	10.4	94051.0 -5734.7	2379	9.0	94700.0 -5732.3	2469	9.8	95330.7 -5712.9
2200	9.6	93448.2 -5735.0	2290	10.4	94054.0 -5719.4	2380	9.4	94705.0 -5722.9	2470	10.5	95334.2 -5757.9
2201	10.2	93448.2 -5715.7	2291	10.4	94054.5 -5736.0	2381	9.8	94712.5 -5753.2	2471	9.2	95334.7 -5722.7
2202	10.4	93457.2 -5719.1	2292	10.0	94058.0 -5750.5	2382	9.2	94714.0 -5725.9	2472	10.4	95343.2 -5721.0
2203	10.2	93502.2 -5725.1	2293	9.0	94059.5 -5724.0	2383	10.0	94724.0 -5740.8	2473	9.4	95343.7 -5709.9
2204	10.4	93503.2 -5740.0	2294	9.6	94101.0 -5704.8	2384	10.4	94726.5 -5723.3	2474	10.2	95350.7 -5719.2
2205	10.4	93504.7 -5723.9	2295	10.4	94102.0 -5728.3	2385	9.8	94737.5 -5706.6	2475	10.0	95352.7 -5710.2
2206	9.6	93513.2 -5725.8	2296	10.0	94106.0 -5755.8	2386	9.8	94737.5 -5728.3	2476	10.0	95352.7 -5710.5
2207	10.0	93516.7 -5752.4	2297	9.8	94123.0 -5737.0	2387	10.4	94745.5 -5722.0	2477	10.5	95400.7 -5758.8
2208	7.8	93518.2 -5742.9	2298	10.4	94125.0 -5752.5	2388	10.4	94747.5 -5717.6	2478	10.4	95407.7 -5730.8
2209	10.4	93522.7 -5704.8	2299	10.2	94132.5 -5724.6	2389	10.4	94747.5 -5725.4	2479	9.7	95409.2 -5740.4
2210	10.0	93525.7 -5718.8	2300	10.4	94134.5 -5718.2	2390	10.2	94748.0 -5712.5	2480	10.5	95410.7 -5731.6
2211	10.4	93537.2 -5713.3	2301	10.4	94141.0 -5708.0	2391	10.4	94751.5 -5725.1	2481	10.5	95411.7 -5754.7
2212	10.2	93548.2 -5745.4	2302	8.2	94145.5 -5745.2	2392	10.4	94754.0 -5734.2	2482	9.7	95411.7 -5720.9
2213	9.8	93549.7 -5755.0	2303	10.0	94148.5 -5759.1	2393	10.4	94756.0 -5746.1	2483	10.5	95411.8 -5716.1
2214	8.6	93551.7 -5721.2	2304	10.4	94151.0 -5741.6	2394	10.4	94805.0 -5716.9	2484	9.8	95413.7 -5714.5
2215	10.4	93552.7 -5725.1	2305	10.2	94200.0 -5730.8	2395	10.4	94815.5 -5717.1	2485	9.4	95415.7 -5719.5
2216	10.2	93603.2 -5701.9	2306	9.6	94203.5 -5718.1	2396	9.0	94817.5 -5739.8	2486	8.6	95416.7 -5707.7
2217	10.0	93608.2 -5751.0	2307	10.4	94220.0 -5711.6	2397	10.4	94828.0 -5737.8	2487	9.2	95417.2 -5755.6
2218	10.4	93613.2 -5706.6	2308	10.2	94220.0 -5727.6	2398	10.4	94839.5 -5739.3	2488	9.6	95419.2 -5743.1
2219	10.0	93620.2 -5750.6	2309	10.4	94234.0 -5742.2	2399	10.4	94859.5 -5734.3	2489	10.4	95420.7 -5719.9
2220	10.4	93625.7 -5759.4	2310	10.4	94237.0 -5745.0	2400	9.6	94910.5 -5757.2	2490	10.4	95423.0 -5700.5
2221	10.4	93626.2 -5731.0	2311	9.5	94248.0 -5710.4	2401	10.4	94916.0 -5754.0	2491	10.4	95423.5 -5700.1
2222	10.4	93628.7 -5718.1	2312	10.4	94248.0 -5712.9	2402	10.2	94916.5 -5714.8	2492	10.5	95424.8 -5702.0
2223	10.4	93634.2 -5746.3	2313	9.5	94256.5 -5755.9	2403	10.2	94919.5 -5736.2	2493	10.4	95426.7 -5713.6
2224	10.4	93635.2 -5711.9	2314	9.6	94259.0 -5746.0	2404	9.8	94926.0 -5736.0	2494	10.0	95428.2 -5720.7
2225	9.8	93639.7 -5731.1	2315	10.4	94304.5 -5738.6	2405	10.4	94927.0 -5743.2	2495	10.5	95434.7 -5753.9
2226	8.6	93641.7 -5752.4	2316	10.4	94311.0 -5753.9	2406	10.0	94931.5 -5747.1	2496	10.0	95437.2 -5704.0
2227	9.0	93649.7 -5750.9	2317	10.2	94316.5 -5744.6	2407	9.6	94938.5 -5751.9	2497	10.0	95440.7 -5713.9
2228	6.0	93651.2 -5724.8	2318	10.4	94318.5 -5759.0	2408	9.8	94944.0 -5751.6	2498	10.2	95442.7 -5719.8
2229	9.2	93700.2 -5728.9	2319	10.4	94320.0 -5704.0	2409	8.9	94950.8 -5701.8	2499	9.9	95444.2 -5753.0
2230	9.6	93703.2 -5720.7	2320	10.4	94322.5 -5759.0	2410	8.8	94954.5 -5707.4	2500	10.4	95444.2 -5707.8
2231	10.4	93709.7 -5747.8	2321	10.2	94328.0 -5709.0	2411	10.2	94955.5 -5747.9	2501	9.9	95446.7 -5715.9
2232	10.4	93710.7 -5722.0	2322	8.0	94338.0 -5736.5	2412	10.4	94959.5 -5749.7	2502	10.5	95446.7 -5759.2
2233	9.4	93731.5 -5757.4	2323	9.0	94339.5 -5736.0	2413	10.4	94959.5 -5743.4	2503	10.5	95448.7 -5759.7
2234	10.4	93736.2 -5755.3	2324	10.4	94342.5 -5723.8	2414	9.8	95014.0 -5757.5	2504	10.2	95449.2 -5719.9
2235	10.4	93737.2 -5756.0	2325	10.2	94345.5 -5720.6	2415	9.6	95018.0 -5757.2	2505	10.0	95451.7 -5743.5
2236	10.4	93744.2 -5707.0	2326	10.2	94347.0 -5744.1	2416	10.4	95022.0 -5741.9	2506	10.4	95454.2 -5720.4
2237	8.8	93747.2 -5725.9	2327	10.0	94350.5 -5704.0	2417	9.8	95030.5 -5727.0	2507	10.2	95455.1 -5759.1
2238	10.4	93753.2 -5710.4	2328	10.2	94351.0 -5734.4	2418	7.1	95031.5 -5749.7	2508	9.0	95503.7 -5738.9
2239	10.4	93755.2 -5737.6	2329	10.4	94354.5 -5718.6	2419	10.4	95036.0 -5722.1	2509	10.0	95504.7 -5742.8
2240	10.4	93757.7 -5725.6	2330	9.0	94356.5 -5704.8	2420	8.2	95047.5 -5708.1	2510	7.7	95505.2 -5731.8
2241	9.8	93758.0 -5757.7	2331	10.0	94357.5 -5707.7	2421	10.4	95053.0 -5750.4	2511	10.5	95506.5 -5739.2
2242	10.0	93809.7 -5731.0	2332	10.0	94358.5 -5746.3	2422	9.5	95054.0 -5744.4	2512	8.8	95506.7 -5717.6

-57 2513 9h55m

2513 9.8 95510.7 -5715.4	2603 10.5 95954.2 -5753.6	2693 8.2 100329.2 -5745.7	2783 10.5 100734.7 -5707.1
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-57 2872 10h10m

-57 2873 10h10m

-57 3232 10h22m

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2902 10.0 101155.2 -5748.6	2992 10.4 101521.7 -5725.1	3082 10.5 101754.2 -5710.9	3172 10.2 102043.7 -5718.0
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2904 10.2 101200.2 -5727.1	2994 10.0 101523.2 -5756.7	3084 9.8 101757.2 -5745.1	3174 9.4 102047.7 -5731.6
2905 10.0 101204.2 -5725.7	2995 9.8 101524.7 -5706.6	3085 10.4 101757.2 -5731.4	3175 10.4 102048.2 -5756.2
2906 10.4 101213.7 -5741.0	2996 10.0 101525.7 -5719.9	3086 10.4 101757.7 -5707.9	3176 9.6 102050.7 -5720.9
2907 10.4 101215.7 -5755.5	2997 10.5 101528.2 -5746.6	3087 10.0 101759.7 -5709.9	3177 10.4 102050.7 -5707.5
2908 10.4 101219.2 -5728.0	2998 10.0 101530.2 -5745.1	3088 8.6 101802.5 -5702.4	3178 10.0 102050.7 -5732.3
2909 9.9 101220.7 -5721.5	2999 9.2 101531.7 -5709.3	3089 10.5 101802.7 -5701.8	3179 10.2 102052.7 -5746.3
2910 10.0 101223.2 -5745.5	3000 9.9 101532.2 -5753.0	3090 9.8 101807.2 -5746.9	3180 9.2 102057.2 -5704.7
2911 10.4 101225.2 -5746.9	3001 10.5 101532.7 -5749.8	3091 9.9 101810.7 -5756.0	3181 10.4 102100.7 -5731.8
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2913 10.0 101234.2 -5717.2	3003 9.8 101540.7 -5731.1	3093 8.4 101812.7 -5753.8	3183 10.4 102102.5 -5716.3
2914 9.9 101235.2 -5726.1	3004 9.6 101542.7 -5711.8	3094 10.0 101812.7 -5729.7	3184 10.5 102102.7 -5709.0
2915 9.0 101235.7 -5728.1	3005 9.8 101543.7 -5715.2	3095 10.4 101814.2 -5711.7	3185 10.4 102108.2 -5718.1
2916 9.0 101236.7 -5749.9	3006 10.2 101544.2 -5707.1	3096 9.9 101815.2 -5729.8	3186 10.2 102108.7 -5717.1
2917 10.0 101238.2 -5750.7	3007 10.2 101544.2 -5721.3	3097 10.5 101815.7 -5725.5	3187 10.4 102109.7 -5725.2
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2919 9.9 101240.7 -5753.5	3009 10.2 101548.7 -5759.2	3099 9.7 101820.7 -5733.8	3189 9.0 102110.7 -5746.5
2920 10.2 101240.7 -5749.0	3010 10.4 101550.2 -5755.3	3100 10.0 101822.2 -5731.6	3190 9.8 102111.2 -5736.0
2921 9.6 101245.7 -5714.2	3011 10.5 101552.2 -5729.5	3101 9.8 101823.7 -5748.5	3191 10.5 102112.2 -5710.3
2922 10.0 101245.7 -5715.0	3012 10.5 101555.2 -5757.0	3102 10.2 101824.7 -5715.1	3192 10.5 102112.2 -5729.1
2923 10.2 101247.7 -5722.9	3013 10.4 101555.7 -5721.4	3103 10.2 101828.2 -5706.0	3193 9.2 102112.7 -5714.3
2924 10.5 101250.2 -5708.9	3014 9.4 101556.7 -5708.9	3104 10.4 101830.7 -5705.7	3194 9.9 102114.0 -5701.7
2925 9.9 101259.2 -5748.4	3015 9.7 101557.2 -5712.4	3105 8.8 101834.2 -5721.9	3195 10.5 102115.7 -5704.7
2926 10.5 101259.2 -5753.1	3016 10.0 101600.7 -5723.9	3106 10.2 101834.7 -5726.0	3196 10.0 102117.2 -5716.8
2927 10.4 101300.7 -5727.4	3017 10.2 101601.2 -5720.0	3107 9.7 101837.7 -5710.0	3197 9.0 102123.2 -5711.5
2928 10.0 101301.2 -5705.6	3018 10.0 101602.2 -5738.0	3108 10.2 101838.7 -5732.9	3198 10.5 102125.2 -5705.1
2929 8.0 101302.7 -5754.6	3019 9.2 101603.7 -5708.2	3109 10.0 101841.7 -5736.5	3199 10.5 102126.7 -5717.2
2930 9.6 101304.7 -5752.6	3020 10.2 101603.7 -5733.1	3110 10.4 101842.2 -5720.0	3200 10.5 102126.7 -5723.9
2931 9.7 101306.7 -5745.2	3021 10.4 101609.2 -5736.1	3111 10.0 101843.7 -5703.3	3201 10.4 102127.2 -5719.5
2932 10.4 101308.2 -5727.1	3022 9.0 101613.8 -5708.0	3112 9.9 101844.7 -5749.9	3202 10.5 102130.7 -5705.1
2933 9.8 101309.2 -5744.5	3023 10.0 101614.2 -5740.5	3113 9.9 101845.2 -5714.4	3203 10.0 102131.7 -5732.0
2934 10.4 101311.2 -5731.1	3024 10.5 101614.7 -5704.5	3114 10.0 101845.7 -5733.3	3204 10.5 102131.7 -5740.4
2935 10.5 101312.2 -5713.3	3025 10.2 101615.7 -5732.4	3115 10.4 101846.2 -5704.1	3205 9.8 102132.2 -5754.2
2936 10.4 101317.7 -5758.7	3026 9.9 101617.2 -5723.2	3116 10.2 101846.6 -5708.4	3206 9.4 102133.2 -5741.9
2937 9.6 101319.2 -5748.6	3027 10.5 101618.8 -5749.6	3117 10.2 101852.2 -5755.4	3207 8.8 102133.2 -5759.0
2938 10.0 101323.2 -5758.1	3028 10.2 101620.7 -5714.8	3118 10.5 101855.2 -5716.9	3208 10.4 102136.2 -5739.8
2939 10.4 101327.2 -5712.8	3029 10.5 101622.2 -5728.9	3119 10.0 101856.2 -5737.0	3209 10.4 102139.2 -5739.0
2940 10.2 101328.7 -5730.8	3030 10.5 101623.7 -5727.9	3120 9.8 101856.7 -5727.9	3210 9.0 102139.7 -5758.8
2941 9.9 101332.7 -5738.0	3031 10.4 101623.7 -5740.9	3121 10.0 101857.7 -5751.4	3211 10.4 102140.7 -5712.1
2942 10.4 101334.7 -5719.8	3032 10.2 101628.7 -5759.4	3122 10.4 101857.7 -5704.2	3212 10.4 102140.7 -5724.1
2943 10.2 101342.7 -5754.8	3033 10.0 101630.7 -5726.1	3123 10.2 101902.2 -5753.2	3213 8.8 102144.2 -5741.4
2944 10.4 101345.7 -5749.5	3034 10.4 101632.7 -5743.8	3124 10.4 101907.2 -5726.7	3214 9.7 102145.7 -5728.9
2945 10.0 101346.2 -5712.1	3035 7.9 101638.7 -5751.3	3125 8.8 101909.2 -5700.7	3215 10.4 102147.2 -5741.0
2946 10.5 101346.7 -5732.9	3036 10.2 101638.7 -5736.6	3126 10.5 101913.7 -5701.4	3216 10.4 102147.2 -5716.1
2947 9.7 101346.7 -5742.7	3037 10.2 101639.2 -5733.0	3127 8.0 101916.2 -5719.2	3217 9.8 102147.7 -5759.2
2948 10.2 101351.7 -5758.1	3038 9.8 101642.2 -5708.1	3128 10.5 101918.2 -5703.1	3218 10.5 102148.2 -5740.3
2949 10.4 101352.7 -5723.4	3039 10.0 101646.2 -5756.0	3129 10.4 101924.7 -5714.4	3219 10.0 102148.7 -5704.9
2950 10.0 101354.2 -5752.2	3040 10.4 101646.2 -5712.8	3130 10.4 101926.2 -5703.6	3220 10.2 102149.2 -5754.4
2951 10.2 101354.7 -5720.3	3041 9.9 101647.2 -5709.5	3131 9.8 101927.2 -5737.8	3221 10.5 102149.2 -5714.1
2952 10.5 101358.7 -5710.4	3042 10.0 101648.2 -5751.3	3132 10.4 101927.2 -5722.1	3222 10.0 102150.7 -5745.6
2953 10.0 101400.2 -5709.6	3043 10.2 101648.2 -5742.2	3133 9.4 101927.5 -5700.2	3223 10.5 102151.7 -5712.0
2954 10.4 101403.2 -5719.2	3044 9.9 101652.7 -5741.6	3134 10.4 101931.2 -5715.8	3224 10.4 102152.7 -5752.1
2955 9.8 101407.2 -5708.3	3045 10.2 101653.7 -5717.0	3135 10.4 101931.2 -5737.9	3225 10.0 102152.7 -5733.7
2956 9.8 101407.7 -5706.6	3046 10.0 101658.7 -5717.4	3136 10.2 101934.2 -5731.2	3226 9.6 102154.2 -5742.9
2957 10.2 101408.7 -5707.6	3047 10.4 101701.7 -5714.8	3137 9.4 101937.2 -5725.7	3227 10.4 102157.7 -5757.0
2958 9.8 101410.2 -5707.9	3048 10.4 101701.7 -5746.9	3138 10.4 101940.7 -5714.9	3228 10.5 102204.7 -5758.1
2959 10.0 101410.7 -5745.2	3049 10.2 101702.2 -5706.6	3139 10.5 101944.2 -5736.2	3229 9.4 102210.2 -5739.9
2960 10.2 101416.1 -5700.4	3050 10.2 101702.7 -5749.9	3140 10.4 101945.7 -5729.4	3230 10.4 102210.2 -5741.3
2961 9.9 101422.7 -5730.2	3051 10.5 101704.2 -5714.7	3141 10.0 101947.2 -5706.2	3231 9.9 102210.2 -5730.8
2962 10.4 101426.2 -5725.2	3052 9.2 101704.7 -5718.0	3142 9.9 101950.7 -5750.1	3232 10.5 102217.2 -5703.0

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3233	10.5	102217.7	-5742.5
3234	10.5	102217.7	-5707.1
3235	9.8	102218.7	-5732.6
3236	10.4	102219.7	-5745.9
3237	8.4	102220.7	-5702.3
3238	9.8	102221.7	-5738.3
3239	10.0	102224.2	-5722.9
3240	10.5	102227.2	-5735.1
3241	10.5	102227.7	-5700.0
3242	10.4	102229.7	-5712.1
3243	10.4	102230.2	-5742.3
3244	10.5	102230.2	-5706.7
3245	10.5	102230.7	-5739.9
3246	9.9	102234.7	-5751.4
3247	10.4	102236.7	-5743.2
3248	10.2	102237.2	-5754.0
3249	10.4	102237.2	-5740.1
3250	9.8	102237.7	-5726.7
3251	10.0	102240.8	-5701.0
3252	9.6	102243.7	-5713.7
3253	10.0	102244.2	-5714.2
3254	9.7	102244.2	-5701.6
3255	10.2	102246.2	-5750.7
3256	6.4	102246.5	-5700.1
3257	9.9	102251.0	-5700.4
3258	10.0	102252.7	-5705.8
3259	10.4	102252.7	-5740.8
3260	9.8	102253.2	-5749.1
3261	9.2	102253.5	-5701.1
3262	10.0	102253.7	-5707.5
3263	9.4	102256.5	-5700.0
3264	10.5	102258.7	-5724.9
3265	9.0	102259.0	-5700.1
3266	9.2	102300.7	-5745.0
3267	10.5	102304.7	-5753.2
3268	10.4	102306.7	-5743.0
3269	9.2	102308.7	-5734.5
3270	9.8	102308.7	-5721.1
3271	10.2	102310.7	-5715.1
3272	10.5	102310.7	-5754.5
3273	10.0	102312.7	-5755.0
3274	9.8	102316.2	-5749.7
3275	10.0	102316.7	-5734.1
3276	10.0	102317.2	-5739.1
3277	10.0	102318.7	-5703.6
3278	10.2	102322.2	-5742.1
3279	10.0	102324.7	-5735.5
3280	10.0	102326.2	-5739.6
3281	10.4	102326.6	-5702.6
3282	10.4	102330.2	-5754.0
3283	9.7	102330.2	-5759.2
3284	10.2	102332.3	-5710.3
3285	9.9	102334.3	-5759.9
3286	9.6	102334.7	-5751.8
3287	9.4	102335.7	-5727.0
3288	9.2	102336.2	-5703.3
3289	10.4	102337.2	-5714.4
3290	10.0	102337.2	-5717.7
3291	10.5	102337.2	-5753.0
3292	10.2	102337.2	-5729.1
3293	10.0	102337.5	-5741.7
3294	10.4	102341.2	-5747.7
3295	10.5	102341.2	-5724.5
3296	10.5	102341.7	-5703.0
3297	10.2	102342.3	-5726.5
3298	10.0	102345.2	-5742.5
3299	10.2	102349.0	-5717.7
3300	10.5	102350.7	-5744.0
3301	9.4	102351.3	-5704.0
3302	10.5	102354.2	-5741.1
3303	10.2	102357.2	-5717.1
3304	10.2	102357.2	-5728.7
3305	10.0	102403.0	-5722.8
3306	10.4	102407.2	-5749.1
3307	10.5	102408.7	-5756.9
3308	9.2	102409.5	-5707.6
3309	10.4	102410.2	-5716.2
3310	9.9	102410.8	-5744.8
3311	10.0	102411.3	-5735.6
3312	8.8	102412.2	-5745.8
3313	8.4	102415.8	-5724.8
3314	9.8	102418.0	-5709.4
3315	10.0	102418.3	-5752.4
3316	10.4	102418.7	-5755.0
3317	10.2	102419.0	-5734.5
3318	10.0	102419.2	-5712.0
3319	9.2	102426.8	-5707.5
3320	8.6	102426.8	-5748.9
3321	9.8	102429.3	-5741.3
3322	9.4	102429.8	-5708.0
3323	9.6	102430.3	-5703.9
3324	10.0	102433.3	-5732.8
3325	9.8	102436.3	-5741.6
3326	9.6	102441.3	-5743.7
3327	10.1	102443.8	-5720.6
3328	9.8	102445.8	-5753.6
3329	10.1	102446.3	-5709.4
3330	10.0	102449.0	-5700.3
3331	10.1	102450.3	-5708.6
3332	9.2	102450.5	-5702.3
3333	9.6	102451.8	-5727.3
3334	9.5	102454.8	-5719.6
3335	9.6	102457.8	-5722.5
3336	9.8	102458.8	-5718.9
3337	9.2	102502.8	-5728.3
3338	10.1	102507.8	-5730.7
3339	9.6	102510.3	-5702.1
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3342	9.2	102512.4	-5731.8
3343	10.0	102517.4	-5752.0
3344	9.0	102520.4	-5718.9
3345	10.1	102533.9	-5707.3
3346	10.1	102538.7	-5707.3
3347	9.5	102538.9	-5723.7
3348	10.1	102541.9	-5740.2
3349	9.6	102547.9	-5738.6
3350	10.1	102547.9	-5751.2
3351	10.1	102555.9	-5748.6
3352	10.1	102556.9	-5724.7
3353	9.8	102558.9	-5723.6
3354	9.5	102602.9	-5703.8
3355	9.6	102603.4	-5726.2
3356	9.8	102605.9	-5749.8
3357	9.6	102606.9	-5717.2
3358	9.8	102607.4	-5739.9
3359	9.6	102610.9	-5739.0
3360	10.1	102613.4	-5718.3
3361	10.1	102616.4	-5733.9
3362	10.0	102616.4	-5731.9
3363	9.8	102617.4	-5746.8
3364	10.1	102621.9	-5748.7
3365	9.6	102623.9	-5738.2
3366	8.0	102626.9	-5724.4
3367	10.0	102628.9	-5751.4
3368	9.6	102630.4	-5729.0
3369	9.6	102630.9	-5725.8
3370	9.4	102630.9	-5752.8
3371	9.8	102637.4	-5726.1
3372	9.8	102640.3	-5701.3
3373	10.1	102640.4	-5749.9
3374	9.6	102651.9	-5746.1
3375	10.1	102652.4	-5723.8
3376	9.4	102657.4	-5706.9
3377	9.2	102658.8	-5702.6
3378	9.5	102703.9	-5707.7
3379	9.4	102704.4	-5725.1
3380	10.1	102704.4	-5746.3
3381	9.2	102705.9	-5736.2
3382	9.6	102706.4	-5746.1
3383	9.6	102712.1	-5701.5
3384	10.0	102716.9	-5708.9
3385	9.4	102718.4	-5725.8
3386	9.4	102719.4	-5737.6
3387	8.8	102720.4	-5735.1
3388	9.8	102720.4	-5706.8
3389	9.6	102721.4	-5744.8
3390	10.1	102722.9	-5744.9
3391	10.0	102722.9	-5756.4
3392	10.1	102727.9	-5753.0
3393	10.0	102728.8	-5702.2
3394	9.6	102729.4	-5715.1
3395	10.1	102730.9	-5703.9
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3397	7.2	102740.4	-5754.2
3398	9.6	102742.9	-5706.9
3399	9.2	102743.4	-5749.0
3400	9.4	102744.9	-5743.9
3401	10.1	102745.9	-5702.5
3402	10.0	102748.9	-5741.4
3403	9.2	102749.4	-5733.4
3404	10.1	102750.4	-5726.5
3405	9.6	102751.9	-5753.0
3406	9.0	102752.4	-5758.8
3407	10.1	102756.0	-5741.0
3408	9.2	102800.0	-5749.1
3409	10.0	102802.0	-5738.7
3410	9.6	102802.5	-5733.8
3411	9.8	102802.5	-5713.4
3412	10.1	102808.0	-5722.8

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3413	9.2	102814.0	-5743.3
3414	10.1	102815.5	-5708.7
3415	9.8	102818.0	-5707.6
3416	9.4	102819.0	-5751.1
3417	9.4	102823.0	-5733.9
3418	9.6	102823.5	-5719.2
3419	9.1	102826.0	-5747.5
3420	10.0	102826.0	-5755.6
3421	10.1	102827.5	-5704.6
3422	8.4	102827.5	-5750.1
3423	8.0	102829.0	-5731.6
3424	8.2	102829.0	-5751.3
3425	8.8	102830.0	-5719.7
3426	9.8	102831.5	-5740.3
3427	9.4	102835.5	-5747.1
3428	9.6	102836.0	-5746.6
3429	10.0	102841.0	-5719.1
3430	10.0	102841.5	-5721.7
3431	7.4	102842.0	-5732.6
3432	9.1	102844.5	-5714.5
3433	10.0	102851.0	-5709.7
3434	9.8	102851.0	-5702.0
3435	10.1	102901.0	-5705.9
3436	10.1	102905.0	-5742.9
3437	10.0	102909.2	-5747.7
3438	10.1	102909.7	-5738.6
3439	10.1	102912.2	-5702.3
3440	10.1	102914.7	-5744.2
3441	10.1	102915.2	-5722.9
3442	9.6	102921.7	-5731.0
3443	10.0	102921.7	-5740.9
3444	9.6	102924.2	-5751.9
3445	10.1	102925.0	-5754.5
3446	9.8	102932.2	-5741.4
3447	10.0	102932.7	-5745.8
3448	9.3	102935.2	-5703.8
3449	9.2	102935.7	-5758.9
3450	10.1	102936.1	-5734.8
3451	8.8	102937.5	-5758.0
3452	10.1	102940.2	-5730.0
3453	10.0	102943.2	-5722.9
3454	9.4	102945.2	-5707.8
3455	10.0	102947.7	-5701.5
3456	9.6	102948.2	-5730.1
3457	9.6	102949.7	-5733.7
3458	9.5	102952.2	-5707.7
3459	9.6	102953.7	-5728.8
3460	10.1	102958.0	-5736.9
3461	9.1	103000.7	-5734.4
3462	10.1	103001.2	-5704.7
3463	8.2	103001.7	-5730.6
3464	9.0	103003.2	-5730.2
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3466	10.1	103003.7	-5728.4
3467	9.4	103007.2	-5720.7
3468	8.8	103011.2	-5732.4
3469	10.0	103012.2	-5750.8
3470	10.0	103013.7	-5738.1
3471	8.5	103015.2	-5710.9
3472	8.0	103018.2	-5701.9
3473	9.8	103018.7	-5752.3
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3477	10.0	103029.2	-5725.7
3478	9.4	103032.2	-5717.2
3479	10.0	103032.2	-5713.1
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-57 3593 10h32m

-57 3952 10h48m

3593 10.1 103252.6 -5748.1	3683 10.1 103649.9 -5732.0	3773 9.8 104045.1 -5756.8	3863 10.1 104525.8 -5735.1
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3676 9.4 103630.4 -5745.5	3766 10.0 104017.6 -5704.7	3856 8.6 104459.8 -5712.7	3946 10.1 104836.1 -5735.1
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3678 9.5 103633.4 -5721.7	3768 9.5 104034.1 -5732.9	3858 10.0 104501.8 -5722.4	3948 10.1 104839.1 -5735.2
3679 9.6 103634.4 -5739.1	3769 10.1 104039.2 -5725.0	3859 10.1 104513.8 -5720.7	3949 9.8 104840.6 -5754.6
3680 9.6 103639.9 -5715.5	3770 9.8 104041.9 -5743.9	3860 9.8 104514.8 -5730.7	3950 9.6 104841.1 -5756.1
3681 9.2 103645.4 -5721.4	3771 10.0 104044.1 -5751.5	3861 9.2 104519.8 -5717.9	3951 10.1 104841.6 -5727.1
3682 10.0 103645.9 -5736.8	3772 10.0 104044.6 -5757.1	3862 10.1 104524.8 -5759.1	3952 10.1 104846.4 -5731.4

-57 3953 10h48m

3953 10.1 104850.6 -5734.1	4043 9.8 105347.2 -5742.2	4133 9.0 105735.8 -5750.1	4223 9.6 105959.8 -5758.4
3954 9.8 104851.1 -5707.3	4044 9.6 105348.4 -5728.1	4134 10.0 105742.3 -5726.8	4224 8.7 110000.3 -5731.5
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3967 9.2 104913.1 -5704.9	4057 10.0 105418.9 -5717.9	4147 9.4 105806.3 -5746.0	4237 9.6 110017.8 -5756.6
3968 9.2 104915.6 -5724.3	4058 10.0 105429.4 -5737.4	4148 9.5 105807.3 -5739.5	4238 9.6 110021.8 -5759.1
3969 9.6 104916.1 -5745.3	4059 9.8 105434.9 -5707.5	4149 9.6 105808.8 -5735.1	4239 9.2 110022.8 -5755.5
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3975 10.1 104951.4 -5704.7	4065 10.1 105445.4 -5700.9	4155 9.6 105818.8 -5745.1	4245 10.0 110030.8 -5755.2
3976 10.1 104951.6 -5711.4	4066 9.8 105450.4 -5701.9	4156 8.8 105818.8 -5753.2	4246 9.4 110031.3 -5754.9
3977 10.1 104953.6 -5735.9	4067 10.1 105451.9 -5754.3	4157 9.5 105820.3 -5748.8	4247 9.0 110031.3 -5752.1
3978 10.0 105000.1 -5705.9	4068 10.1 105452.5 -5731.1	4158 9.8 105821.3 -5744.8	4248 9.6 110031.3 -5728.6
3979 9.6 105003.4 -5700.1	4069 10.1 105453.5 -5731.7	4159 9.2 105821.8 -5739.2	4249 9.8 110031.6 -5749.2
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3981 10.1 105006.1 -5758.7	4071 9.4 105457.4 -5724.5	4161 10.0 105825.8 -5752.2	4251 9.5 110035.3 -5758.6
3982 9.6 105012.1 -5729.3	4072 9.6 105457.5 -5728.0	4162 9.1 105826.8 -5710.6	4252 10.0 110035.6 -5734.5
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3987 9.2 105024.9 -5757.2	4077 10.0 105512.9 -5721.3	4167 9.6 105832.3 -5751.8	4257 8.8 110049.8 -5757.9
3988 10.1 105029.4 -5717.1	4078 9.5 105513.9 -5703.5	4168 9.4 105832.8 -5754.2	4258 9.4 110050.8 -5759.9
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3991 9.8 105033.9 -5749.1	4081 9.8 105525.9 -5758.7	4171 10.0 105838.3 -5744.8	4261 10.0 110055.0 -5759.2
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3993 10.0 105044.9 -5717.3	4083 9.8 105529.1 -5754.9	4173 9.6 105839.3 -5748.5	4263 9.8 110056.5 -5714.4
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3995 9.4 105050.9 -5724.5	4085 9.8 105531.9 -5739.5	4175 9.2 105846.3 -5746.2	4265 9.8 110059.2 -5729.2
3996 10.1 105058.4 -5752.0	4086 9.6 105534.6 -5748.3	4176 10.0 105847.3 -5755.8	4266 9.6 110102.0 -5747.2
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3999 9.6 105105.4 -5720.1	4089 10.0 105546.9 -5718.3	4179 10.0 105854.3 -5728.0	4269 8.6 110104.5 -5717.2
4000 9.6 105107.3 -5701.0	4090 9.4 105548.9 -5740.9	4180 8.8 105855.8 -5705.5	4270 9.6 110104.5 -5749.9
4001 10.1 105107.3 -5747.1	4091 9.6 105551.1 -5757.0	4181 8.7 105858.3 -5747.5	4271 10.0 110106.5 -5751.3
4002 8.4 105107.4 -5723.1	4092 9.0 105551.6 -5715.9	4182 9.4 105900.8 -5737.2	4272 9.0 110108.5 -5751.1
4003 10.0 105124.9 -5716.7	4093 9.6 105552.3 -5719.3	4183 9.6 105901.8 -5756.0	4273 10.0 110111.5 -5747.0
4004 9.5 105132.4 -5750.8	4094 10.0 105556.9 -5710.4	4184 9.8 105901.8 -5724.0	4274 9.5 110112.5 -5758.3
4005 9.8 105134.9 -5705.3	4095 9.8 105557.3 -5716.9	4185 10.0 105902.3 -5739.2	4275 9.6 110113.5 -5756.8
4006 10.1 105137.9 -5746.8	4096 10.0 105557.9 -5744.2	4186 9.6 105902.8 -5756.2	4276 9.8 110114.5 -5703.2
4007 8.6 105142.4 -5759.5	4097 10.0 105559.8 -5755.2	4187 9.8 105904.8 -5723.1	4277 10.0 110119.2 -5734.9
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4013 10.0 105210.9 -5755.5	4103 9.6 105608.4 -5717.7	4193 10.0 105919.8 -5747.9	4283 9.6 110129.0 -5725.0
4014 10.1 105212.3 -5719.9	4104 10.0 105615.3 -5721.6	4194 9.8 105920.8 -5710.8	4284 9.5 110129.5 -5738.9
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4016 10.1 105216.4 -5752.7	4106 9.8 105625.9 -5710.4	4196 10.0 105924.3 -5759.4	4286 9.4 110132.5 -5706.6
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4021 10.1 105226.9 -5753.2	4111 9.6 105636.8 -5755.4	4201 9.4 105930.3 -5756.1	4291 9.4 110140.5 -5758.2
4022 9.4 105229.9 -5732.9	4112 10.0 105636.9 -5738.4	4202 10.0 105930.7 -5750.0	4292 9.8 110141.0 -5725.3
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4027 9.4 105241.9 -5722.7	4117 9.4 105653.3 -5729.4	4207 10.0 105939.7 -5706.1	4297 9.8 110151.0 -5757.0
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4029 9.0 105252.4 -5709.7	4119 8.2 105708.3 -5713.2	4209 10.0 105939.8 -5701.7	4299 9.8 110153.0 -5748.4
4030 9.6 105259.4 -5733.7	4120 9.4 105709.8 -5704.3	4210 9.6 105946.8 -5755.4	4300 10.0 110157.0 -5748.0
4031 10.0 105259.9 -5750.8	4121 9.8 105712.3 -5716.1	4211 9.6 105947.8 -5748.7	4301 9.6 110159.0 -5734.8
4032 10.0 105308.6 -5700.6	4122 9.4 105716.3 -5754.1	4212 10.0 105948.3 -5706.9	4302 10.0 110159.5 -5703.6
4033 10.1 105314.9 -5718.6	4123 9.1 105717.3 -5742.0	4213 10.0 105948.7 -5705.2	4303 9.8 110201.0 -5719.5
4034 10.1 105321.4 -5710.2	4124 10.0 105718.3 -5751.5	4214 9.4 105950.7 -5742.0	4304 9.5 110204.0 -5715.7
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4036 10.1 105324.4 -5755.9	4126 9.8 105721.8 -5753.9	4216 10.0 105950.8 -5738.7	4306 9.1 110210.5 -5747.8
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4038 9.1 105329.9 -5732.7	4128 10.0 105724.3 -5731.2	4218 9.8 105955.3 -5743.7	4308 10.0 110211.0 -5723.6
4039 10.1 105331.9 -5733.2	4129 10.0 105724.8 -5725.0	4219 10.0 105956.3 -5738.2	4309 9.6 110211.2 -5701.9
4040 9.0 105332.4 -5710.6	4130 9.8 105724.8 -5724.5	4220 10.0 105956.8 -5755.9	4310 9.8 110215.8 -5758.0
4041 9.6 105334.4 -5708.5	4131 10.0 105725.3 -5748.8	4221 9.8 105957.8 -5755.4	4311 9.6 110219.0 -5743.2
4042 9.6 105335.9 -5735.8	4132 9.8 105727.3 -5717.2	4222 10.0 105958.8 -5744.2	4312 9.1 110221.5 -5749.9

-57 4312 11h02m

-57 4313 11h02m

-57 4672 11h19m

4313	9.8	110222.5	-5742.8	4403	9.8	110632.0	-5747.8	4493	10.0	110959.0	-5753.1
4314	9.8	110224.5	-5729.1	4404	10.0	110638.0	-5757.5	4494	10.0	111009.1	-5714.8
4315	9.1	110227.5	-5748.5	4405	8.3	110639.0	-5744.6	4495	9.6	111010.0	-5728.5
4316	9.5	110228.5	-5746.3	4406	10.0	110640.0	-5741.8	4496	10.0	111012.0	-5741.4
4317	9.4	110229.0	-5741.4	4407	9.4	110641.0	-5731.3	4497	10.0	111012.0	-5734.2
4318	9.3	110231.0	-5736.7	4408	9.8	110644.5	-5747.2	4498	9.0	111013.0	-5718.5
4319	9.3	110233.7	-5758.5	4409	9.6	110645.5	-5727.4	4499	10.0	111017.0	-5719.3
4320	8.6	110237.0	-5736.8	4410	9.8	110645.5	-5716.1	4500	9.2	111019.5	-5716.0
4321	10.0	110239.5	-5745.7	4411	10.0	110649.5	-5704.2	4501	10.0	111021.0	-5703.6
4322	8.8	110242.5	-5749.4	4412	9.8	110652.5	-5710.3	4502	9.6	111026.0	-5740.0
4323	10.0	110242.7	-5702.5	4413	9.4	110656.5	-5714.0	4503	9.8	111027.5	-5732.8
4324	9.2	110245.0	-5715.9	4414	8.6	110657.5	-5753.9	4504	9.6	111038.5	-5722.0
4325	9.5	110245.0	-5729.1	4415	10.0	110658.0	-5756.1	4505	9.4	111039.0	-5735.0
4326	9.6	110249.5	-5744.6	4416	9.5	110658.5	-5708.9	4506	10.0	111039.5	-5712.8
4327	10.0	110250.0	-5739.3	4417	10.0	110701.0	-5727.1	4507	10.0	111041.0	-5704.2
4328	9.6	110253.0	-5727.9	4418	9.4	110704.5	-5722.2	4508	10.0	111051.0	-5754.0
4329	9.6	110255.5	-5759.6	4419	10.0	110709.0	-5751.9	4509	10.0	111058.0	-5704.9
4330	10.0	110258.5	-5725.1	4420	8.6	110710.7	-5757.9	4510	9.4	111100.0	-5713.1
4331	9.4	110301.5	-5745.1	4421	10.0	110722.0	-5725.2	4511	9.8	111101.0	-5704.8
4332	9.8	110304.0	-5737.7	4422	9.8	110722.7	-5758.0	4512	9.6	111101.5	-5701.4
4333	9.8	110305.0	-5707.8	4423	9.2	110727.5	-5713.0	4513	9.5	111106.5	-5712.9
4334	9.6	110305.5	-5701.4	4424	10.0	110729.5	-5713.1	4514	10.0	111110.2	-5757.9
4335	8.6	110309.0	-5745.2	4425	9.6	110732.0	-5726.9	4515	10.0	111114.5	-5708.3
4336	9.6	110312.5	-5751.1	4426	9.8	110733.0	-5749.7	4516	9.4	111118.5	-5712.1
4337	9.2	110315.0	-5751.3	4427	10.0	110741.5	-5711.5	4517	10.0	111120.0	-5727.7
4338	10.0	110315.0	-5757.1	4428	10.0	110742.5	-5745.1	4518	9.6	111121.0	-5743.1
4339	10.0	110315.2	-5702.2	4429	9.8	110743.0	-5744.1	4519	10.0	111126.0	-5753.1
4340	9.3	110322.0	-5725.2	4430	9.5	110743.5	-5730.5	4520	9.6	111128.0	-5728.0
4341	9.4	110334.0	-5744.9	4431	9.8	110746.0	-5751.1	4521	10.0	111129.0	-5752.9
4342	9.8	110335.5	-5723.4	4432	9.6	110746.5	-5753.0	4522	9.4	111135.5	-5711.5
4343	9.4	110341.0	-5717.8	4433	10.0	110749.2	-5733.3	4523	9.5	111137.5	-5759.2
4344	9.6	110343.0	-5754.0	4434	9.8	110751.5	-5758.2	4524	10.0	111144.7	-5749.2
4345	10.0	110349.0	-5747.0	4435	9.6	110751.5	-5728.1	4525	9.8	111147.5	-5742.0
4346	9.6	110350.0	-5751.7	4436	10.0	110753.0	-5738.2	4526	10.0	111148.5	-5746.0
4347	10.0	110351.5	-5738.6	4437	10.0	110753.5	-5715.2	4527	10.0	111151.7	-5741.6
4348	9.5	110401.0	-5750.8	4438	10.0	110756.0	-5741.8	4528	9.8	111154.5	-5707.0
4349	10.0	110405.0	-5740.0	4439	8.5	110758.0	-5755.3	4529	9.0	111158.0	-5727.7
4350	9.6	110412.5	-5704.2	4440	9.6	110758.3	-5759.5	4530	9.8	111201.0	-5729.0
4351	9.6	110414.0	-5722.3	4441	9.8	110759.0	-5715.4	4531	9.8	111202.5	-5723.2
4352	9.4	110414.5	-5710.9	4442	9.0	110800.0	-5749.2	4532	9.2	111205.0	-5755.3
4353	9.8	110414.5	-5733.8	4443	10.0	110802.5	-5719.0	4533	9.6	111205.5	-5727.7
4354	10.0	110414.5	-5743.7	4444	10.0	110807.0	-5725.9	4534	9.6	111207.5	-5736.7
4355	9.4	110418.7	-5759.8	4445	9.4	110808.5	-5707.2	4535	9.8	111209.5	-5750.8
4356	9.5	110420.5	-5753.0	4446	10.0	110809.5	-5748.0	4536	9.0	111211.0	-5718.5
4357	9.8	110421.5	-5759.2	4447	9.8	110813.0	-5758.5	4537	9.2	111212.5	-5728.9
4358	9.5	110423.5	-5735.9	4448	10.0	110814.5	-5749.5	4538	9.8	111213.0	-5746.0
4359	9.8	110426.5	-5725.4	4449	10.0	110816.0	-5729.4	4539	9.8	111216.0	-5736.5
4360	8.8	110429.0	-5735.0	4450	10.0	110821.0	-5747.9	4540	10.0	111219.0	-5723.0
4361	10.0	110430.5	-5705.1	4451	9.3	110826.0	-5755.8	4541	10.0	111221.0	-5712.2
4362	10.0	110430.5	-5748.6	4452	9.4	110828.0	-5736.0	4542	9.8	111221.5	-5743.0
4363	10.0	110433.0	-5735.7	4453	10.0	110828.0	-5715.6	4543	10.0	111226.0	-5715.1
4364	10.0	110437.0	-5724.5	4454	8.8	110831.5	-5713.8	4544	10.0	111232.5	-5742.1
4365	10.0	110437.5	-5724.8	4455	9.4	110832.5	-5737.0	4545	10.0	111239.0	-5716.6
4366	9.8	110438.5	-5708.5	4456	9.1	110834.8	-5757.0	4546	9.6	111239.0	-5717.3
4367	9.6	110440.5	-5752.8	4457	10.0	110839.0	-5743.3	4547	9.4	111239.5	-5706.3
4368	9.8	110449.0	-5715.8	4458	10.0	110841.5	-5743.8	4548	9.2	111242.5	-5729.8
4369	9.6	110452.0	-5737.3	4459	10.0	110845.0	-5722.3	4549	10.0	111252.3	-5759.9
4370	8.6	110453.5	-5750.0	4460	9.6	110849.0	-5726.6	4550	10.0	111253.5	-5714.2
4371	9.6	110453.6	-5722.4	4461	9.6	110850.5	-5718.2	4551	10.0	111257.5	-5741.8
4372	10.0	110456.0	-5739.4	4462	9.6	110851.0	-5744.7	4552	9.6	111301.0	-5758.0
4373	10.0	110458.0	-5736.0	4463	9.2	110851.0	-5727.9	4553	9.6	111305.0	-5738.5
4374	9.0	110458.5	-5728.2	4464	10.0	110853.5	-5727.2	4554	8.8	111307.5	-5752.6
4375	9.4	110502.5	-5723.2	4465	8.2	110855.5	-5707.3	4555	8.4	111311.0	-5730.1
4376	10.0	110504.0	-5731.0	4466	10.0	110856.1	-5703.4	4556	9.6	111315.0	-5741.0
4377	10.0	110504.5	-5732.0	4467	9.0	110856.5	-5736.1	4557	9.5	111315.5	-5746.5
4378	10.0	110508.1	-5743.6	4468	10.0	110858.5	-5701.5	4558	9.4	111317.5	-5759.8
4379	10.0	110518.0	-5755.5	4469	10.0	110859.0	-5713.7	4559	10.0	111325.5	-5715.1
4380	10.0	110518.1	-5723.1	4470	10.0	110859.0	-5716.1	4560	10.0	111327.5	-5709.1
4381	9.8	110519.5	-5713.4	4471	10.0	110900.0	-5746.3	4561	9.2	111327.5	-5755.4
4382	9.0	110527.0	-5743.8	4472	9.8	110902.0	-5727.0	4562	10.0	111329.4	-5706.8
4383	9.8	110527.5	-5729.0	4473	9.6	110909.0	-5710.0	4563	9.0	111331.0	-5732.5
4384	9.2	110528.0	-5732.2	4474	9.6	110910.0	-5753.3	4564	9.6	111338.2	-5756.4
4385	9.3	110528.0	-5748.6	4475	9.4	110910.0	-5712.3	4565	10.0	111341.0	-5726.6
4386	10.0	110528.5	-5758.7	4476	9.6	110911.5	-5706.4	4566	10.0	111341.5	-5746.3
4387	7.6	110531.0	-5746.6	4477	9.4	110912.0	-5709.0	4567	9.8	111342.5	-5745.2
4388	10.0	110537.5	-5715.3	4478	9.8	110913.0	-5738.1	4568	10.0	111343.1	-5707.4
4389	9.4	110541.3	-5757.2	4479	9.6	110915.0	-5714.1	4569	10.0	111346.5	-5742.8
4390	9.4	110544.0	-5733.9	4480	9.8	110926.5	-5733.8	4570	9.8	111349.0	-5758.3
4391	9.4	110551.0	-5751.2	4481	9.8	110928.0	-5746.1	4571	10.0	111350.0	-5754.8
4392	10.0	110554.5	-5739.0	4482	9.2	110933.0	-5754.8	4572	9.8	111351.0	-5730.0
4393	9.4	110556.5	-5736.6	4483	10.0	110934.0	-5709.7	4573	10.0	111355.1	-5744.5
4394	9.4	110559.0	-5747.6	4484	10.0	110934.5	-5707.2	4574	9.4	111355.5	-5749.2
4395	9.8	110600.0	-5755.2	4485	9.8	110937.0	-5742.1	4575	10.0	111400.1	-5743.8
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4397	9.8	110608.0	-5711.7	4487	9.8	110943.5	-5729.2	4577	10.0	111405.5	-5707.8
4398	9.4	110616.0	-5735.1	4488	8.8	110947.5	-5730.0	4578	10.0	111406.0	-5704.6
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4400	9.5	110624.5	-5713.6	4490	9.5	110951.0	-5706.1	4580	9.5	111414.5	-5743.0
4401	10.0	110626.5	-5723.2	4491	9.5	110955.5	-5722.2	4581	10.0	111415.0	-5740.9
4402	9.6	110629.0	-5712.5	4492	10.0	110956.1	-5749.7	4582	10.0	111416.5	-5712.8
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4584	9.8	111420.0	-5739.8								
4585	10.0	111421.5	-5752.8								
4586	10.0	111423.5	-5704.6								
4587	10.0	111428.0	-5731.6								
4588	9.8	111435.5	-5707.6								
4589	9.6	111443.5	-5723.8								
4590	9.8	111447.0	-5707.0								
4591	9.8	111447.5	-5730.8								
4592	10.0	111447.6	-5757.4								
4593	10.0	111451.5	-5753.0								
4594	8.8	111452.0	-5746.6								
4595	9.1	111459.5	-5754.4								
4596	10.0	111459.5	-5703.2								
4597	10.0	111501.1	-5751.0								
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4605	9.2	111516.0	-5724.2								
4606	9.4	111516.0	-5743.2								
4607	9.6	111517.5	-5713.7								
4608	8.4	111517.5	-5748.0								
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4625	9.4	111615.7	-5724.2								
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4632	10.0	111646.2	-5731.6								
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4634	9.8	111649.2	-5710.9								
4635	9.6	111650.7	-5735.4								
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4660	10.0	111812.2	-5723.3								
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4662	9.4	111823.2	-5742.6								
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4665	9.4	111834.2	-5733.3								
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4669	9.8	111849.2	-5741.8								
4670	10.0	111900.0	-5756.0								
4671	10.0	111903.7	-5758.9								
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4705	9.8	112115.2	-5746.4
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4711	9.6	112136.7	-5719.9
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4713	10.0	112151.7	-5723.0
4714	10.0	112159.3	-5701.9
4715	9.6	112206.2	-5701.7
4716	7.8	112208.4	-5759.6
4717	10.0	112209.7	-5704.2
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4720	9.6	112219.2	-5727.7
4721	9.4	112222.2	-5755.3
4722	10.0	112222.2	-5718.9
4723	9.5	112223.7	-5704.1
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4725	10.0	112229.7	-5703.1
4726	9.4	112239.2	-5733.5
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4728	9.6	112243.2	-5749.6
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4742	10.0	112329.7	-5724.6
4743	9.6	112332.7	-5732.1
4744	9.8	112334.5	-5715.9
4745	7.7	112335.2	-5708.7
4746	10.0	112335.2	-5735.7
4747	9.6	112340.7	-5720.9
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4749	10.0	112341.5	-5704.3
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4753	10.0	112358.2	-5735.1
4754	9.6	112359.2	-5712.8
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4762	9.8	112447.7	-5735.8
4763	10.0	112451.2	-5757.5
4764	9.8	112452.7	-5746.1
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4766	9.8	112500.2	-5708.3
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4769	9.4	112512.7	-5734.9
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4773	9.6	112534.7	-5735.0
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4777	10.0	112542.7	-5713.9
4778	9.4	112545.2	-5755.9
4779	9.4	112601.2	-5707.0
4780	9.4	112604.7	-5726.7
4781	10.0	112606.7	-5711.7
4782	10.0	112608.7	-5710.5
4783	9.6	112610.7	-5741.8
4784	10.0	112614.7	-5726.7
4785	9.4	112618.7	-5730.9
4786	9.6	112620.2	-5742.2
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4788	9.6	112621.7	-5741.1
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4807	9.5	112747.7	-5706.3
4808	9.8	112752.7	-5700.8
4809	9.9	112753.0	-5710.3
4810	9.9	112753.4	-5738.3
4811	9.6	112805.7	-5713.8
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4815	9.8	112816.2	-5741.1
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4818	9.8	112833.2	-5720.0
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4820	9.8	112841.2	-5713.7
4821	9.5	112841.7	-5705.3
4822	9.0	112848.7	-5711.9
4823	9.4	112851.2	-5736.7
4824	9.5	112851.7	-5715.4
4825	8.7	112852.7	-5734.6
4826	9.4	112854.2	-5717.8
4827	9.8	112858.7	-5752.2
4828	9.5	112859.2	-5723.6
4829	9.5	112859.2	-5743.1
4830	9.9	112901.7	-5752.8
4831	9.8	112907.5	-5708.9
4832	9.6	112908.2	-5700.4
4833	9.5	112911.2	-5700.9
4834	9.9	112916.7	-5753.8
4835	9.8	112921.2	-5752.4
4836	9.9	112924.7	-5757.0
4837	9.6	112930.7	-5752.5
4838	9.6	112941.2	-5750.1
4839	8.4	112943.7	-5732.2
4840	9.8	112946.2	-5703.5
4841	9.3	112952.2	-5739.9
4842	9.4	112952.7	-5754.4
4843	9.8	112953.7	-5741.9
4844	9.6	112954.2	-5712.3
4845	9.4	112955.2	-5706.1
4846	9.9	112957.2	-5755.4
4847	9.5	113000.2	-5736.9
4848	9.5	113000.7	-5727.6
4849	9.4	113001.2	-5706.1
4850	9.9	113008.2	-5759.0
4851	9.9	113013.2	-5705.9
4852	9.3	113014.7	-5743.9

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4853	8.4	113016.2	-5724.3
4854	9.6	113023.2	-5724.3
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4857	9.5	113026.2	-5748.2
4858	9.8	113029.2	-5742.8
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4861	9.9	113045.7	-5724.8
4862	9.3	113047.7	-5735.2
4863	9.5	113057.2	-5710.9
4864	9.3	113100.2	-5706.5
4865	9.6	113103.7	-5759.4
4866	9.5	113104.2	-5736.5
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4869	9.3	113112.2	-5744.5
4870	8.8	113122.7	-5749.3
4871	9.8	113126.7	-5733.9
4872	9.8	113139.2	-5738.4
4873	9.8	113152.2	-5715.9
4874	9.4	113153.2	-5731.8
4875	9.9	113154.7	-5740.6
4876	9.8	113158.4	-5757.9
4877	9.6	113159.7	-5710.6
4878	8.6	113208.7	-5755.7
4879	9.4	113210.2	-5721.9
4880	9.9	113213.2	-5731.9
4881	9.8	113225.1	-5701.7
4882	9.6	113227.7	-5739.8
4883	9.2	113241.2	-5734.1
4884	9.6	113245.2	-5741.9
4885	9.8	113250.7	-5725.2
4886	9.6	113252.7	-5710.2
4887	9.8	113252.7	-5706.8
4888	9.8	113255.2	-5712.8
4889	9.9	113256.7	-5722.5
4890	9.4	113259.2	-5703.8
4891	9.9	113310.2	-5742.9
4892	9.8	113310.7	-5700.7
4893	8.1	113313.2	-5754.3
4894	7.6	113313.7	-5702.9
4895	9.0	113313.7	-5729.3
4896	9.9	113315.2	-5731.2
4897	9.9	113317.7	-5723.9
4898	9.8	113324.1	-5701.5
4899	9.6	113327.7	-5743.2
4900	9.3	113335.2	-5748.0
4901	9.8	113337.2	-5738.0
4902	8.9	113342.7	-5717.1
4903	9.9	113353.3	-5711.0
4904	9.9	113409.2	-5700.9
4905	8.8	113415.2	-5705.5
4906	9.9	113428.7	-5733.0
4907	9.8	113430.7	-5706.3
4908	9.4	113431.2	-5739.8
4909	9.4	113431.7	-5719.0
4910	8.8	113443.7	-5724.7
4911	9.8	113453.7	-5712.8
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4913	9.3	113456.3	-5701.4
4914	9.9	113459.2	-5714.1
4915	9.5	113504.2	-5731.0
4916	9.5	113504.2	-5731.6
4917	9.8	113509.7	-5739.6
4918	9.4	113511.2	-5749.1
4919	9.9	113511.3	-5720.9
4920	9.8	113517.7	-5741.6
4921	9.8	113521.2	-5714.0
4922	9.9	113527.2	-5756.1
4923	9.6	113527.7	-5749.0
4924	9.2	113530.2	-5703.0
4925	9.4	113537.1	-5758.9
4926	9.3	113549.2	-5753.6
4927	9.9	113549.2	-5710.6
4928	9.6	113554.7	-5714.0
4929	9.9	113555.8	-5742.5
4930	9.9	113558.2	-5725.4
4931	8.9	113601.2	-5718.4
4932	9.8	113608.7	-5710.4
4933	9.8	113619.7	-5750.5
4934	9.2	113622.2	-5740.8
4935	9.3	113629.7	-5711.8
4936	9.5	113630.2	-5720.4
4937	9.6	113636.2	-5712.0
4938	9.9	113641.7	-5710.2
4939	9.8	113652.7	-5716.0
4940	9.9	113658.7	-5746.8
4941	9.6	113700.2	-5717.4
4942	9.8	113701.7	-5720.2
4943	9.3	113702.7	-5719.8
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4945	9.9	113721.2	-5741.0
4946	9.5	113725.2	-5721.8
4947	9.8	113727.2	-5735.0
4948	8.7	113728.7	-5719.4
4949	9.9	113729.7	-5718.2
4950	9.6	113729.7	-5753.8
4951	9.5	113736.2	-5730.0
4952	9.8	113742.7	-5706.0
4953	9.2	113749.2	-5741.4
4954	9.3	113750.2	-5743.2
4955	9.8	113751.2	-5714.6
4956	9.8	113754.2	-5715.2
4957	9.4	113754.7	-5753.2
4958	8.9	113800.2	-5735.0
4959	8.8	113812.2	-5744.8
4960	9.9	113813.7	-5731.5
4961	9.5	113829.2	-5703.1
4962	9.9	113834.7	-5738.9
4963	8.9	113836.2	-5728.3
4964	8.8	113845.2	-5734.2
4965	9.4	113857.9	-5702.7
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4967	9.5	113911.7	-5717.2
4968	9.8	113918.9	-5759.6
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4971	8.4	113958.2	-5723.5
4972	9.9	114001.2	-5748.9
4973	9.9	114004.7	-5700.5
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4976	9.8	114014.2	-5727.1
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4978	8.7	114017.2	-5712.2
4979	8.0	114022.2	-5720.2
4980	9.9	114032.7	-5707.0
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4982	9.4	114042.2	-5708.4
4983	9.3	114043.2	-5748.4
4984	9.2	114049.7	-5726.1
4985	9.9	114102.7	-5750.8
4986	9.3	114103.7	-5740.8
4987	9.6	114111.2	-5707.5
4988	9.8	114111.2	-5745.3
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4992	9.5	114120.2	-5717.6
4993	9.8	114123.2	-5738.2
4994	9.9	114125.7	-5718.8
4995	9.9	114127.3	-5728.6
4996	9.6	114130.7	-5751.1
4997	9.9	114131.7	-5739.1
4998	8.5	114132.7	-5738.1
4999	9.1	114136.7	-5711.3
5000	9.6	114137.2	-5703.6
5001	9.8	114153.7	-5737.5
5002	9.2	114159.2	-5711.7
5003	9.8	114159.2	-5708.0
5004	9.6	114159.4	-5700.6
5005	9.5	114159.7	-5737.5
5006	8.9	114200.7	-5718.0
5007	9.9	114201.7	-5736.8
5008	7.9	114203.7	-5731.5
5009	9.8	114204.2	-5726.1
5010	9.4	114217.2	-5700.2
5011	9.9	114221.0	-5729.1
5012	9.8	114226.7	-5756.2
5013	9.3	114228.2	-5725.2
5014	9.9	114228.7	-5722.1
5015	9.8	114239.2	-5720.0
5016	9.9	114240.4	-5724.7
5017	9.4	114243.7	-5716.1
5018	9.9	114247.7	-5724.6
5019	9.8	114249.2	-5703.9
5020	9.4	114249.4	-5702.1
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5024	9.3	114301.2	-5732.3
5025	9.2	114306.7	-5738.0
5026	9.3	114312.7	-5733.1
5027	9.9	114314.0	-5740.2
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5029	9.9	114321.2	-5705.9
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5035	9.3	114408.2	-5717.8	5125	9.4	115044.2	-5710.7	5215	9.9	115706.4	-5744.3
5036	9.2	114417.7	-5735.6	5126	9.9	115047.6	-5700.7	5216	9.8	115713.4	-5702.2
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5041	9.9	114432.2	-5745.9	5131	9.0	115059.2	-5721.3	5221	9.8	115737.7	-5717.0
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5045	9.9	114440.2	-5726.1	5135	9.4	115110.2	-5715.8	5225	10.2	115810.5	-5757.5
5046	9.9	114445.7	-5749.0	5136	9.9	115111.7	-5718.6	5226	9.8	115811.7	-5723.5
5047	9.3	114450.2	-5710.7	5137	9.5	115116.2	-5715.1	5227	8.4	115813.2	-5748.0
5048	9.6	114452.2	-5731.3	5138	9.2	115118.7	-5727.9	5228	9.9	115815.2	-5741.5
5049	9.6	114501.2	-5722.3	5139	9.5	115130.2	-5706.9	5229	9.5	115823.7	-5709.5
5050	9.4	114502.2	-5754.3	5140	9.9	115144.2	-5706.7	5230	9.6	115829.7	-5736.4
5051	9.9	114503.7	-5741.1	5141	9.8	115202.7	-5733.0	5231	9.8	115845.2	-5721.2
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5054	9.6	114512.7	-5721.4	5144	9.3	115206.2	-5717.9	5234	8.4	115852.7	-5723.1
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5056	9.4	114518.2	-5703.1	5146	9.4	115214.4	-5758.8	5236	9.8	115855.7	-5755.5
5057	8.8	114518.2	-5706.1	5147	9.9	115217.2	-5723.2	5237	9.5	115906.9	-5727.4
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5063	9.8	114539.2	-5743.8	5153	9.8	115240.2	-5718.5	5243	9.6	115951.5	-5753.8
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5065	9.2	114540.2	-5720.8	5155	8.6	115243.7	-5745.0	5245	9.7	120013.2	-5747.6
5066	9.3	114555.2	-5707.1	5156	9.8	115244.2	-5711.5	5246	9.4	120016.5	-5714.0
5067	8.9	114556.7	-5725.4	5157	9.8	115250.7	-5730.0	5247	9.9	120018.0	-5736.1
5068	8.8	114559.2	-5706.3	5158	9.8	115300.7	-5701.9	5248	9.8	120018.0	-5723.5
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5076	8.4	114652.2	-5733.4	5166	9.8	115331.2	-5728.9	5256	9.4	120044.2	-5729.7
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5081	9.9	114723.2	-5706.2	5171	9.2	115344.2	-5715.5	5261	9.9	120104.5	-5750.6
5082	9.9	114730.2	-5717.6	5172	9.9	115404.7	-5720.1	5262	9.8	120106.3	-5700.2
5083	9.5	114733.2	-5756.1	5173	9.8	115405.2	-5708.0	5263	9.8	120124.0	-5708.9
5084	9.4	114734.2	-5751.1	5174	9.8	115405.7	-5704.6	5264	9.9	120139.0	-5739.1
5085	9.9	114735.7	-5702.0	5175	9.9	115413.7	-5757.3	5265	9.4	120145.0	-5756.8
5086	8.9	114747.7	-5749.5	5176	9.8	115418.2	-5733.7	5266	9.9	120145.5	-5757.0
5087	9.8	114750.7	-5718.9	5177	8.8	115422.2	-5716.8	5267	9.4	120148.0	-5707.0
5088	9.9	114751.2	-5708.3	5178	9.6	115423.7	-5719.9	5268	9.4	120157.0	-5738.2
5089	9.8	114757.7	-5719.4	5179	7.9	115428.7	-5722.3	5269	9.2	120159.5	-5753.9
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5091	9.9	114759.2	-5723.8	5181	9.8	115435.2	-5700.5	5271	9.4	120220.0	-5719.8
5092	9.4	114801.4	-5758.9	5182	9.2	115441.2	-5703.9	5272	9.2	120221.0	-5758.4
5093	9.6	114802.7	-5702.9	5183	9.3	115447.7	-5744.9	5273	9.8	120233.0	-5736.8
5094	9.2	114806.2	-5710.6	5184	9.9	115449.7	-5714.0	5274	9.8	120246.0	-5739.2
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5096	8.9	114812.7	-5707.1	5186	9.6	115456.7	-5713.4	5276	9.2	120305.0	-5727.6
5097	9.9	114813.7	-5734.4	5187	9.8	115501.2	-5725.1	5277	7.6	120308.3	-5739.1
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5099	9.4	114821.2	-5709.6	5189	9.1	115507.2	-5730.9	5279	9.7	120311.3	-5706.0
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5102	9.2	114859.2	-5726.6	5192	9.6	115519.2	-5707.3	5282	9.3	120319.3	-5723.9
5103	9.9	114907.2	-5757.3	5193	9.4	115532.2	-5733.4	5283	9.8	120319.3	-5702.1
5104	9.9	114918.2	-5758.8	5194	9.3	115532.7	-5751.6	5284	8.6	120329.3	-5704.1
5105	8.8	114929.2	-5717.4	5195	9.8	115539.7	-5706.2	5285	9.8	120331.3	-5757.4
5106	9.4	114930.2	-5735.0	5196	9.8	115553.2	-5705.6	5286	9.6	120336.8	-5744.4
5107	9.6	114931.2	-5735.2	5197	9.2	115558.2	-5739.3	5287	9.4	120340.8	-5719.0
5108	9.9	114940.2	-5755.2	5198	9.8	115559.2	-5731.9	5288	9.7	120345.8	-5726.1
5109	9.6	114942.7	-5721.2	5199	8.9	115604.7	-5732.8	5289	9.6	120346.3	-5710.5
5110	9.8	114945.7	-5731.3	5200	9.8	115605.2	-5755.2	5290	9.4	120405.3	-5732.8
5111	9.4	114953.7	-5744.1	5201	9.9	115613.7	-5700.1	5291	9.8	120408.3	-5758.5
5112	9.8	115002.5	-5701.1	5202	9.9	115617.7	-5754.3	5292	9.9	120416.3	-5730.9
5113	9.6	115004.2	-5744.8	5203	9.8	115618.2	-5712.2	5293	9.7	120417.7	-5739.5
5114	9.6	115004.2	-5712.5	5204	8.9	115619.2	-5723.8	5294	9.6	120417.8	-5756.1
5115	9.8	115007.7	-5737.7	5205	9.8	115628.2	-5753.0	5295	9.7	120421.7	-5719.4
5116	9.4	115011.2	-5732.0	5206	9.5	115629.2	-5717.0	5296	9.9	120422.3	-5743.3
5117	9.5	115015.7	-5733.8	5207	9.9	115629.4	-5736.3	5297	9.9	120422.7	-5722.9
5118	9.1	115016.2	-5744.2	5208	9.9	115632.7	-5708.3	5298	9.3	120424.8	-5741.4
5119	9.6	115016.2	-5718.5	5209	9.1	115635.2	-5723.9	5299	8.8	120427.7	-5702.8
5120	9.5	115019.2	-5735.5	5210	9.8	115636.7	-5716.2	5300	9.6	120436.8	-5726.2
5121	9.6	115026.2	-5745.4	5211	9.6	115639.7	-5750.6	5301	9.9	120437.8	-5755.8
5122	9.0	115036.2	-5743.1	5212	8.9	115652.7	-5712.2	5302	9.6	120440.3	-5732.8
5303	8.8	120441.3	-5700.9								
5304	9.9	120455.3	-5750.1								
5305	9.6	120458.8	-5735.0								
5306	8.8	120459.3	-5733.6								
5307	9.6	120500.3	-5747.2								
5308	9.3	120504.3	-5707.9								
5309	9.8	120504.8	-5722.2								
5310	9.6	120509.3	-5742.9								
5311	9.3	120514.3	-5747.9								
5312	9.2	120515.8	-5759.0								
5313	9.4	120519.3	-5748.1								
5314	9.9	120531.3	-5721.1								
5315	9.4	120549.3	-5756.4								
5316	9.3	120550.3	-5735.0								
5317	9.8	120559.3	-5737.8								
5318	9.7	120559.3	-5758.4								
5319	9.7	120608.8	-5730.8								
5320	9.6	120612.3	-5721.7								
5321	9.7	120620.8	-5747.7								
5322	9.9	120622.0	-5733.2								
5323	9.6	120625.5	-5725.0								
5324	9.4	120625.5	-5715.0								
5325	9.6	120631.5	-5737.1								
5326	9.9	120631.5	-5720.0								
5327	9.9	120634.0	-5708.6								
5328	9.6	120637.0	-5730.4								
5329	9.8	120638.5	-5733.6								
5330	9.6	120638.5	-5728.9								
5331	9.8	120649.0	-5737.0								
5332	9.9	120651.5	-5741.1								
5333	9.9	120656.5	-5721.0								
5334	9.8	120710.0	-5741.5								
5335	9.1	120710.5	-5709.6								
5336	9.6	120713.0	-5715.5								
5337	9.1	120719.0	-5728.8								
5338	7.9	120721.5	-5714.8								
5339	9.9	120727.5	-5757.5								
5340	9.0	120730.0	-5732.7								
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5342	9.9	120732.6	-5735.0								
5343	9.6	120741.5	-5739.1								
5344	9.7	120745.5	-5715.2								
5345	9.4	120748.5	-5721.7								
5346	9.4	120759.0	-5736.7								
5347	9.1	120803.0	-5713.6								
5348	9.8	120813.5	-5738.5								
5349	9.6	120817.0	-5745.3								
5350	9.9	120817.5	-5707.3								
5351	9.3	120821.0	-5740.9								
5352	9.9	120830.5	-5737.5								
5353	9.8	120836.5	-5752.8								
5354	9.4	120849.0	-5740.8								
5355	9.9	120853.0	-5747.3								
5356	9.9	120857.5	-5748.3								
5357	9.6	120849.5	-5711.6								
5358	9.6	120852.0	-5729.3								
5359	9.4	120853.0	-5744.4								
5360	9.7	120854.5	-5742.6								
5361	9.9	120857.0	-5753.7								
5362	9.3	120901.0	-5747.9								
5363	9.4	120905.5	-5729.1								
5364	9.2	120907.5	-5753.8								
5365	8.8	120909.0	-5743.1								
5366	9.7	120933.8	-5742.4								
5367	9.7	120938.3	-5703.8								
5368	9.4	120947.8	-5703.7								
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5370	9.4	121017.0	-5757.1								
5371	9.4	121025.3	-5720.8								
5372	9.0	121030.0	-5700.5								
5373	9.6	121034.8	-5729.0								
5374	9.4	121045.8	-5757.9								
5375	8.4	121057.3	-5728.2								
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5378	9.4	121100.8	-5741.4								
5379	9.2	121108.0	-5733.1								
5380	9.6	121109.8	-5729.0								
5381	9.3	121112.3	-5722.6								
5382	8.2	121114.8	-5709.2								
5383	9.7	121115.8	-5727.0								
5384	9.8	121118.3	-5748.0								
5385	9.9	121118.8	-5729.0								
5386	9.6	121120.8	-5746.4								
5387	9.9	121126.0	-5724.1								
5388	9.7	121127.9	-5758.4								
5389	9.9	121139.3	-5724.4								
5390	9.9	121141.8	-5714.8								
5391	8.6	121144.8	-5729.0								
5392	9.9	121147.3	-5759.0								

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5393	9.9	121152.3	-5718.1
5394	9.6	121153.0	-5743.3
5395	9.0	121201.8	-5755.2
5396	9.9	121205.8	-5734.2
5397	9.0	121217.8	-5752.9
5398	9.8	121233.3	-5705.6
5399	9.6	121236.8	-5715.2
5400	8.8	121311.3	-5729.6
5401	9.3	121313.3	-5726.0
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5403	9.2	121322.9	-5720.6
5404	9.9	121332.4	-5706.2
5405	9.8	121335.4	-5725.4
5406	9.8	121342.0	-5710.1
5407	9.4	121342.4	-5749.5
5408	9.8	121345.0	-5759.4
5409	9.8	121400.9	-5706.7
5410	9.2	121401.4	-5707.4
5411	9.4	121403.9	-5736.2
5412	9.8	121404.0	-5715.3
5413	9.2	121431.9	-5747.2
5414	9.4	121434.4	-5731.9
5415	9.0	121434.9	-5710.4
5416	9.4	121447.4	-5731.4
5417	9.9	121452.4	-5713.2
5418	9.2	121501.9	-5710.8
5419	9.9	121502.9	-5722.2
5420	8.2	121511.9	-5743.2
5421	9.9	121520.4	-5715.6
5422	9.9	121522.0	-5709.1
5423	9.6	121524.4	-5746.9
5424	9.7	121530.9	-5724.0
5425	9.4	121600.9	-5732.3
5426	9.6	121601.4	-5718.8
5427	9.9	121612.9	-5752.2
5428	9.8	121614.9	-5716.0
5429	9.3	121615.4	-5736.2
5430	9.9	121625.4	-5733.1
5431	9.9	121626.4	-5753.0
5432	9.9	121636.9	-5751.3
5433	9.9	121643.4	-5734.8
5434	9.0	121649.9	-5714.7
5435	9.9	121653.4	-5749.4
5436	9.6	121653.9	-5753.2
5437	9.2	121656.4	-5738.8
5438	9.9	121658.9	-5728.3
5439	9.7	121700.9	-5723.6
5440	9.9	121704.9	-5735.3
5441	9.8	121714.0	-5723.4
5442	8.0	121722.0	-5713.4
5443	9.6	121726.0	-5712.7
5444	9.3	121727.5	-5724.0
5445	9.9	121728.0	-5710.4
5446	9.9	121732.0	-5742.3
5447	9.2	121735.5	-5748.6
5448	9.7	121738.0	-5701.9
5449	9.9	121739.5	-5758.0
5450	9.0	121800.0	-5739.4
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5452	9.6	121804.0	-5753.6
5453	9.9	121806.0	-5750.2
5454	9.9	121809.5	-5745.6
5455	9.7	121812.0	-5734.3
5456	9.0	121815.5	-5712.8
5457	9.8	121817.8	-5759.4
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5459	9.2	121822.0	-5745.0
5460	9.7	121833.5	-5747.2
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5463	9.9	121906.5	-5752.8
5464	9.9	121908.0	-5718.6
5465	9.1	121908.0	-5718.8
5466	9.4	121909.5	-5723.0
5467	9.7	121914.0	-5711.2
5468	8.8	121919.8	-5757.7
5469	9.4	121922.7	-5757.1
5470	9.8	121924.0	-5753.0
5471	9.6	121928.0	-5740.8
5472	9.8	121928.0	-5756.1
5473	9.9	121932.0	-5756.4
5474	8.2	121939.0	-5725.0
5475	9.2	121941.5	-5743.0
5476	9.2	121948.5	-5732.0
5477	9.3	121951.5	-5743.8
5478	9.4	121956.0	-5759.2
5479	9.4	122002.0	-5729.4
5480	9.7	122003.5	-5727.7
5481	9.9	122004.6	-5706.0
5482	9.4	122005.0	-5734.8
5483	9.9	122007.1	-5700.1
5484	9.6	122016.1	-5708.1
5485	9.3	122018.1	-5756.2
5486	9.3	122029.1	-5737.0
5487	8.5	122031.1	-5719.2
5488	9.8	122032.1	-5727.9
5489	9.6	122032.6	-5719.5
5490	7.6	122037.1	-5737.5
5491	9.9	122046.3	-5739.0
5492	9.2	122047.6	-5745.0
5493	9.4	122052.1	-5738.3
5494	9.6	122053.6	-5719.1
5495	9.4	122054.6	-5733.0
5496	9.7	122106.9	-5700.4
5497	9.9	122110.6	-5734.7
5498	9.9	122114.3	-5758.8
5499	9.9	122120.6	-5700.9
5500	9.7	122136.3	-5721.3
5501	9.4	122141.1	-5733.6
5502	8.8	122146.1	-5729.5
5503	9.4	122150.6	-5704.2
5504	9.4	122153.6	-5734.3
5505	9.4	122225.1	-5748.0
5506	9.4	122228.6	-5728.6
5507	8.8	122235.1	-5743.0
5508	9.7	122235.1	-5701.5
5509	9.7	122237.4	-5700.1
5510	8.2	122243.6	-5755.1
5511	9.9	122246.6	-5745.2
5512	8.8	122248.1	-5732.9
5513	9.6	122248.1	-5710.3
5514	9.8	122248.6	-5707.8
5515	9.3	122250.1	-5712.0
5516	9.7	122253.6	-5753.3
5517	9.8	122301.6	-5702.0
5518	9.2	122309.1	-5734.4
5519	9.8	122316.1	-5707.4
5520	9.2	122320.1	-5704.7
5521	8.8	122324.6	-5750.1
5522	9.4	122325.6	-5724.1
5523	9.4	122340.8	-5749.0
5524	9.0	122345.3	-5749.7
5525	8.6	122351.3	-5729.7
5526	9.9	122403.8	-5712.8
5527	9.4	122415.3	-5735.0
5528	9.9	122419.8	-5714.9
5529	9.0	122420.3	-5717.8
5530	9.9	122420.3	-5718.8
5531	9.6	122429.3	-5730.9
5532	9.6	122436.3	-5726.6
5533	9.9	122437.8	-5709.6
5534	9.9	122452.3	-5719.8
5535	9.9	122457.3	-5756.4
5536	7.6	122458.3	-5735.9
5537	9.6	122501.3	-5714.2
5538	9.9	122504.8	-5746.5
5539	9.9	122505.3	-5728.8
5540	9.9	122521.5	-5729.3
5541	9.9	122532.8	-5715.5
5542	9.9	122537.3	-5725.5
5543	8.8	122555.8	-5739.9
5544	9.9	122606.3	-5728.1
5545	9.6	122609.3	-5753.9
5546	9.7	122620.8	-5729.4
5547	7.6	122622.3	-5701.7
5548	9.6	122624.8	-5744.5
5549	9.9	122632.3	-5709.5
5550	9.2	122636.3	-5713.3
5551	9.9	122647.7	-5727.5
5552	9.9	122651.3	-5727.8
5553	8.1	122651.3	-5725.6
5554	8.3	122652.8	-5717.0
5555	9.9	122659.8	-5714.7
5556	9.6	122706.3	-5719.1
5557	9.8	122717.8	-5733.7
5558	9.9	122729.3	-5715.8
5559	9.4	122730.3	-5732.9
5560	8.1	122730.3	-5738.5
5561	9.2	122738.3	-5711.2
5562	9.9	122741.4	-5722.9
5563	8.5	122746.1	-5701.1
5564	9.9	122750.8	-5746.5
5565	9.6	122752.8	-5757.0
5566	8.8	122753.8	-5732.2
5567	9.4	122753.8	-5716.6
5568	9.6	122757.3	-5725.2
5569	9.4	122804.8	-5724.5
5570	9.4	122808.4	-5720.3
5571	9.3	122812.8	-5740.7
5572	9.9	122820.3	-5713.6

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5573	9.1	122823.8	-5734.7
5574	8.2	122828.3	-5715.5
5575	9.9	122828.8	-5752.2
5576	9.4	122829.3	-5739.8
5577	9.4	122835.3	-5710.9
5578	9.6	122836.8	-5753.1
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5581	9.7	122853.3	-5747.1
5582	9.9	122856.0	-5754.2
5583	9.3	122858.8	-5729.3
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5585	9.8	122905.8	-5739.5
5586	9.7	122906.3	-5744.6
5587	9.8	122908.4	-5732.4
5588	9.6	122915.3	-5705.3
5589	9.7	122921.3	-5703.5
5590	9.4	122935.8	-5742.5
5591	9.9	122944.8	-5712.3
5592	9.9	122959.8	-5754.9
5593	9.9	123010.3	-5706.6
5594	9.0	123010.3	-5711.0
5595	9.9	123012.8	-5743.5
5596	9.9	123018.3	-5721.1
5597	9.9	123018.6	-5723.0
5598	9.9	123020.6	-5702.1
5599	9.2	123025.3	-5725.4
5600	7.9	123031.3	-5724.0
5601	8.4	123046.3	-5733.9
5602	7.5	123048.3	-5710.7
5603	8.8	123052.8	-5708.8
5604	9.2	123054.8	-5740.9
5605	9.0	123055.8	-5720.0
5606	9.2	123111.3	-5725.5
5607	9.2	123113.3	-5725.6
5608	8.4	123121.3	-5717.9
5609	9.7	123140.3	-5741.9
5610	9.4	123156.3	-5734.6
5611	9.7	123159.8	-5734.6
5612	9.3	123203.3	-5742.4
5613	9.7	123203.3	-5730.8
5614	9.6	123209.3	-5727.8
5615	9.7	123219.8	-5711.7
5616	9.7	123236.2	-5713.7
5617	9.3	123236.3	-5713.0
5618	9.7	123237.8	-5715.3
5619	9.7	123243.8	-5735.6
5620	8.7	123252.8	-5704.1
5621	9.1	123259.8	-5745.8
5622	9.7	123259.8	-5737.7
5623	9.6	123309.3	-5711.3
5624	9.7	123310.3	-5729.3
5625	9.4	123312.3	-5725.4
5626	9.6	123327.8	-5710.3
5627	9.7	123329.8	-5713.0
5628	8.6	123333.8	-5700.3
5629	9.1	123340.3	-5732.0
5630	9.6	123345.2	-5757.5
5631	9.4	123353.3	-5709.2
5632	8.4	123356.3	-5734.0
5633	8.7	123403.8	-5737.8
5634	9.6	123409.8	-5704.2
5635	9.6	123410.3	-5714.7
5636	9.3	123410.8	-5744.8
5637	9.1	123413.8	-5729.3
5638	9.1	123414.8	-5701.9
5639	9.6	123423.3	-5751.7
5640	9.7	123426.8	-5716.3
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5642	9.3	123436.8	-5707.8
5643	8.4	123437.8	-5734.5
5644	8.0	123453.8	-5705.4
5645	9.0	123501.8	-5713.6
5646	9.6	123512.3	-5746.9
5647	9.7	123522.8	-5720.8
5648	9.4	123527.3	-5736.5
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5650	9.4	123532.3	-5757.5
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5652	8.0	123538.8	-5747.5
5653	9.7	123542.8	-5718.7
5654	9.7	123547.8	-5721.3
5655	9.7	123550.8	-5732.8
5656	9.0	123558.3	-5705.4
5657	8.8	123603.3	-5703.4
5658	9.4	123605.8	-5747.8
5659	9.7	123610.3	-5725.2
5660	9.2	123623.3	-5711.6
5661	9.6	123638.3	-5745.9
5662	9.6	123639.3	-5743.8
5663	9.7	123649.3	-5711.2
5664	9.2	123702.8	-5716.8
5665	9.7	123702.8	-5757.2
5666	9.6	123705.3	-5733.8
5667	9.7	123709.2	-5720.6
5668	9.4	123714.3	-5737.2
5669	9.7	123717.8	-5750.7
5670	9.4	123729.3	-5750.0
5671	9.2	123730.3	-5753.0
5672	9.1	123730.8	-5728.6
5673	9.4	123733.3	-5722.5
5674	9.7	123744.0	-5740.3
5675	9.7	123747.8	-5747.4
5676	9.7	123756.3	-5742.2
5677	9.7	123757.3	-5741.7
5678	9.3	123806.3	-5751.9
5679	9.7	123807.8	-5745.3
5680	9.6	123809.8	-5721.7
5681	9.1	123810.8	-5721.4
5682	9.7	123815.8	-5708.2
5683	9.2	123824.3	-5753.1
5684	9.7	123828.3	-5700.3
5685	9.0	123831.8	-5732.6
5686	8.8	123833.3	-5731.5
5687	9.4	123834.8	-5707.1
5688	9.6	123839.2	-5731.2
5689	9.3	123839.3	-5706.5
5690	8.0	123839.3	-5748.8
5691	9.4	123843.3	-5729.6
5692	9.6	123850.3	-5753.1
5693	9.7	123908.0	-5751.0
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5695	9.1	123915.8	-5716.0
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5697	9.6	123919.3	-5745.7
5698	9.7	123921.8	-5722.3
5699	9.7	123926.8	-5748.7
5700	9.6	123952.3	-5701.9
5701	9.7	123959.8	-5700.4
5702	9.2	124000.8	-5716.3
5703	9.2	124013.3	-5717.2
5704	9.6	124016.3	-5748.1
5705	9.6	124023.3	-5700.1
5706	8.9	124023.8	-5743.9
5707	7.7	124024.3	-5736.8
5708	8.3	124026.8	-5744.9
5709	9.1	124026.8	-5728.1
5710	9.7	124032.8	-5756.2
5711	9.6	124036.2	-5735.7
5712	9.4	124039.3	-5700.5
5713	9.1	124040.8	-5707.3
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5715	9.3	124058.8	-5721.2
5716	9.6	124113.8	-5738.9
5717	9.7	124113.8	-5710.2
5718	9.4	124114.8	-5728.9
5719	9.7	124118.8	-5724.1
5720	9.7	124120.3	-5729.9
5721	9.0	124133.3	-5710.8
5722	9.4	124133.3	-5731.2
5723	9.3	124134.8	-5756.5
5724	8.8	124149.8	-5746.0
5725	9.7	124203.8	-5721.8
5726	8.9	124209.6	-5759.3
5727	9.0	124210.3	-5715.1
5728	9.6	124215.3	-5739.0
5729	9.7	124223.3	-5730.5
5730	9.4	124228.3	-5721.5
5731	9.7	124228.3	-5721.1
5732	9.4	124231.8	-5754.0
5733	9.4	124233.3	-5730.6
5734	9.7	124240.3	-5750.5
5735	8.8	124241.8	-5720.0
5736	8.6	124243.3	-5755.0
5737	9.6	124257.8	-5733.0
5738	8.1	124302.3	-5722.2
5739	8.9	124320.8	-5713.5
5740	8.4	124321.8	-5729.1
5741	9.4	124332.8	-5735.8
5742	9.2	124338.3	-5726.4
5743	8.7	124338.3	-5702.5
5744	9.7	124345.8	-5742.1
5745	9.3	124347.3	-5734.3
5746	9.7	124348.3	-5720.7
5747	9.6	124350.8	-5715.9
5748	9.0	124355.3	-5706.7
5749	8.5	124416.3	-5748.1
5750	9.0	124422.3	-5734.0
5751	9.4	124425.8	-5712.5
5752	9.7	124436.3	-5735.1

ORIGINAL PAGE IS
OF POOR QUALITY

-57 5753 12h44m

-57 6112 13h24m

5753	9.4	124441.8	-5756.5	5843	9.7	125256.4	-5701.5	5933	9.4	130408.5	-5721.2
5754	9.7	124442.0	-5754.6	5844	9.3	125257.9	-5734.6	5934	9.4	130411.2	-5755.0
5755	8.9	124444.3	-5750.0	5845	9.3	125300.9	-5734.3	5935	9.4	130411.9	-5719.8
5756	9.7	124445.8	-5723.4	5846	9.6	125319.4	-5752.2	5936	9.4	130412.2	-5709.1
5757	9.3	124452.8	-5703.7	5847	9.7	125328.4	-5732.7	5937	9.9	130415.5	-5704.0
5758	9.4	124502.3	-5718.7	5848	9.7	125329.9	-5735.6	5938	9.9	130424.5	-5708.3
5759	9.4	124516.1	-5757.4	5849	9.7	125330.9	-5739.5	5939	9.8	130427.2	-5733.5
5760	9.2	124516.8	-5735.3	5850	9.7	125347.0	-5758.8	5940	9.2	130428.0	-5707.3
5761	9.3	124526.8	-5712.3	5851	8.8	125358.4	-5727.5	5941	9.7	130435.0	-5702.1
5762	9.3	124534.4	-5759.9	5852	8.8	125358.4	-5727.7	5942	9.7	130438.5	-5728.2
5763	9.2	124535.3	-5716.0	5853	9.7	125358.9	-5726.8	5943	9.6	130442.0	-5711.6
5764	9.7	124537.3	-5726.7	5854	9.6	125415.9	-5704.9	5944	8.8	130445.8	-5759.1
5765	9.4	124537.3	-5734.5	5855	9.7	125417.9	-5754.6	5945	9.2	130449.0	-5708.6
5766	9.2	124554.3	-5734.4	5856	9.7	125422.9	-5702.4	5946	9.0	130502.8	-5700.0
5767	9.2	124600.3	-5722.0	5857	9.6	125427.9	-5741.5	5947	9.9	130510.5	-5757.6
5768	8.5	124603.8	-5715.0	5858	9.4	125432.4	-5734.9	5948	9.2	130522.8	-5701.7
5769	9.6	124605.8	-5717.5	5859	9.7	125443.9	-5756.7	5949	9.4	130523.0	-5708.7
5770	9.6	124618.8	-5753.8	5860	9.7	125503.4	-5756.3	5950	9.9	130534.5	-5752.3
5771	9.7	124620.3	-5743.0	5861	9.6	125512.5	-5756.8	5951	9.9	130535.3	-5758.9
5772	9.6	124621.8	-5735.8	5862	9.4	125523.4	-5715.8	5952	9.0	130546.0	-5741.9
5773	9.4	124627.8	-5707.0	5863	9.1	125531.4	-5753.9	5953	9.6	130549.5	-5718.1
5774	9.7	124639.3	-5724.0	5864	9.7	125601.9	-5755.7	5954	9.9	130601.0	-5707.4
5775	9.4	124652.8	-5745.5	5865	8.6	125602.4	-5700.8	5955	9.6	130604.5	-5732.3
5776	7.9	124659.3	-5745.0	5866	9.7	125604.4	-5707.8	5956	9.4	130605.2	-5757.7
5777	9.7	124704.8	-5742.0	5867	9.7	125608.9	-5729.4	5957	9.2	130611.5	-5704.0
5778	9.2	124711.8	-5755.8	5868	9.4	125617.9	-5724.7	5958	9.3	130616.5	-5747.9
5779	9.7	124712.3	-5720.4	5869	9.6	125620.4	-5732.7	5959	8.0	130619.5	-5739.1
5780	9.3	124722.3	-5712.2	5870	9.7	125639.4	-5720.0	5960	9.4	130622.5	-5749.3
5781	9.3	124723.3	-5743.6	5871	9.2	125653.4	-5754.1	5961	9.3	130626.0	-5702.0
5782	9.0	124728.8	-5701.9	5872	9.4	125705.9	-5709.2	5962	9.9	130636.0	-5713.4
5783	9.6	124728.8	-5747.9	5873	9.7	125710.9	-5728.2	5963	9.6	130638.5	-5739.1
5784	9.7	124730.4	-5722.3	5874	8.6	125712.9	-5754.8	5964	9.2	130651.0	-5705.7
5785	9.7	124733.8	-5740.1	5875	9.6	125715.4	-5711.5	5965	9.1	130654.0	-5740.1
5786	9.7	124735.3	-5745.7	5876	8.7	125717.4	-5734.0	5966	9.7	130655.0	-5740.5
5787	9.7	124736.4	-5754.2	5877	9.7	125724.9	-5743.4	5967	9.8	130704.0	-5715.8
5788	9.3	124738.8	-5722.1	5878	9.7	125728.4	-5708.6	5968	9.8	130715.0	-5703.1
5789	9.3	124739.3	-5713.2	5879	9.2	125733.4	-5704.2	5969	9.4	130716.0	-5754.1
5790	9.7	124743.8	-5754.9	5880	9.2	125743.4	-5717.9	5970	9.9	130720.0	-5758.5
5791	9.2	124751.8	-5732.4	5881	9.6	125747.9	-5740.4	5971	9.9	130727.0	-5728.3
5792	9.7	124756.4	-5714.4	5882	9.6	125748.9	-5744.7	5972	9.6	130745.0	-5751.1
5793	9.7	124758.3	-5758.4	5883	8.2	125756.9	-5751.8	5973	9.9	130756.7	-5751.3
5794	9.2	124809.3	-5704.1	5884	9.2	125802.4	-5706.6	5974	9.8	130806.0	-5709.3
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5796	9.2	124810.8	-5708.1	5886	9.7	125820.9	-5713.6	5976	9.3	130829.0	-5709.9
5797	9.6	124817.8	-5752.5	5887	8.6	125828.9	-5754.5	5977	8.8	130829.0	-5742.5
5798	9.6	124826.3	-5704.9	5888	9.1	125833.4	-5713.3	5978	9.4	130915.0	-5741.5
5799	9.7	124830.3	-5727.9	5889	8.6	125838.9	-5735.4	5979	9.9	130916.1	-5706.4
5800	9.6	124831.3	-5729.6	5890	9.0	125840.4	-5755.5	5980	9.6	131006.5	-5734.7
5801	9.6	124841.3	-5709.5	5891	9.6	125848.4	-5711.0	5981	8.6	131039.5	-5728.6
5802	9.7	124844.3	-5752.7	5892	9.6	125849.4	-5711.4	5982	8.7	131056.0	-5736.4
5803	9.6	124849.3	-5716.8	5893	9.4	125857.5	-5734.3	5983	9.9	131126.5	-5714.9
5804	9.1	124857.3	-5714.4	5894	9.7	125858.4	-5722.8	5984	9.9	131128.7	-5735.1
5805	9.7	124918.3	-5739.3	5895	9.7	125858.9	-5726.4	5985	9.8	131130.5	-5736.4
5806	9.7	124918.9	-5747.5	5896	9.7	125920.4	-5726.3	5986	8.6	131131.5	-5732.0
5807	9.3	124942.9	-5756.4	5897	9.6	125932.4	-5705.3	5987	9.9	131133.5	-5720.7
5808	8.8	125002.4	-5702.8	5898	9.7	125937.4	-5750.2	5988	8.8	131137.5	-5749.1
5809	9.2	125005.9	-5753.6	5899	9.2	125941.4	-5731.5	5989	9.4	131147.7	-5751.9
5810	8.5	125016.4	-5742.7	5900	9.6	125951.4	-5705.9	5990	9.2	131159.7	-5744.0
5811	9.6	125018.4	-5716.4	5901	9.6	125952.9	-5741.2	5991	9.4	131209.4	-5759.6
5812	9.7	125023.9	-5749.0	5902	9.7	125953.5	-5707.3	5992	9.7	131211.7	-5756.3
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5814	9.7	125037.4	-5700.3	5904	9.9	130000.5	-5747.3	5994	9.4	131223.7	-5753.9
5815	9.1	125047.9	-5738.7	5905	9.7	130001.9	-5751.3	5995	9.7	131226.2	-5732.8
5816	9.2	125051.4	-5749.6	5906	9.7	130028.7	-5737.8	5996	9.3	131239.2	-5756.0
5817	8.4	125053.4	-5747.6	5907	9.0	130036.4	-5707.8	5997	9.9	131243.7	-5731.6
5818	9.7	125053.9	-5714.2	5908	9.2	130051.9	-5709.4	5998	8.6	131244.7	-5759.5
5819	9.7	125055.4	-5712.2	5909	8.8	130106.6	-5701.3	5999	9.2	131255.2	-5752.5
5820	8.6	125056.4	-5759.1	5910	9.7	130116.7	-5751.9	6000	9.9	131256.7	-5737.5
5821	9.7	125100.4	-5758.4	5911	9.4	130117.9	-5742.9	6001	9.2	131256.7	-5754.8
5822	9.1	125102.4	-5736.1	5912	9.6	130120.4	-5741.4	6002	8.6	131301.7	-5749.4
5823	8.0	125103.9	-5724.7	5913	9.6	130132.9	-5718.9	6003	9.4	131302.7	-5753.8
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5825	9.4	125110.9	-5712.9	5915	9.0	130143.9	-5710.4	6005	9.4	131318.2	-5700.4
5826	9.6	125113.4	-5759.1	5916	8.7	130148.9	-5706.1	6006	9.2	131325.2	-5717.5
5827	9.3	125113.7	-5708.6	5917	9.2	130154.4	-5723.0	6007	9.2	131327.7	-5738.2
5828	9.7	125140.4	-5758.0	5918	9.2	130206.4	-5721.5	6008	9.2	131331.2	-5715.6
5829	9.7	125143.4	-5734.6	5919	9.1	130222.1	-5702.0	6009	9.9	131342.2	-5734.2
5830	9.2	125146.9	-5711.7	5920	9.7	130225.4	-5712.5	6010	9.2	131342.2	-5747.1
5831	9.6	125152.9	-5739.2	5921	7.9	130243.9	-5704.7	6011	9.6	131352.7	-5713.5
5832	9.7	125207.4	-5721.3	5922	9.3	130248.9	-5757.1	6012	9.4	131353.7	-5738.3
5833	9.4	125216.7	-5702.0	5923	9.0	130251.4	-5712.2	6013	9.4	131406.2	-5708.8
5834	9.7	125224.4	-5734.1	5924	9.1	130302.4	-5736.6	6014	9.4	131409.2	-5715.4
5835	9.7	125228.9	-5754.7	5925	9.7	130313.4	-5701.6	6015	8.4	131414.5	-5702.0
5836	9.7	125228.9	-5745.8	5926	8.8	130316.4	-5722.5	6016	9.6	131422.7	-5749.0
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5838	9.7	125240.4	-5713.0	5928	9.7	130329.4	-5714.6	6018	9.8	131430.7	-5751.9
5839	9.7	125245.6	-5739.5	5929	9.1	130330.4	-5713.5	6019	9.6	131443.7	-5744.4
5840	9.2	125247.4	-5724.0	5930	9.7	130346.3	-5721.0	6020	9.3	131445.2	-5741.5
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6028	9.7	131629.7	-5706.8								
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6071	9.3	132048.4	-5741.5								
6072	9.2	132104.9	-5738.3								
6073	9.9	132109.9	-5740.4								
6074	9.7	132118.4	-5708.8								
6075	9.4	132133.6	-5713.1								
6076	9.4	132133.6	-5737.4								
6077	9.6	132136.6	-5734.9								
6078	9.4	132142.1	-5750.7								
6079	9.7	132146.6	-5712.1								
6080	9.3	132147.6	-5728.9								
6081	9.6	132150.9	-5700.8								
6082	9.4	132155.7	-5757.0								
6083	8.4	132206.6	-5750.1								
6084	9.9	132215.6	-5726.9								
6085	9.9	132217.1	-5710.0								
6086	9.7	132221.1	-5720.9								
6087	9.9	132223.6	-5755.1								
6088	9.8	132233.1	-5729.7								
6089	9.9	132235.1	-5724.5								
6090	9.1	132237.6	-5759.2								
6091	9.4	132240.1	-5724.5								
6092	9.9	132240.6	-5729.2								
6093	9.9	132242.1	-5747.6								
6094	9.9	132252.1	-5754.3								
6095	9.4	132255.1	-5722.0								
6096	9.2	132324.6	-5744.2								
6097	9.9	132327.1	-5740.3								
6098	9.4	132334.6	-5729.2								
6099	9.7	132334.6	-5714.2								
6100	9.9	132335.6	-5741.6								
6101	9.6	132339.1	-5744.8								
6102	9.8	132340.1	-5713.3								
6103	9.7	132345.6	-5748.2								
6104	9.9	132349.8	-5702.1								
6105	8.3	132350.1	-5747.6								
6106	9.6	132352.6	-5748.4								
6107	9.9	132358.1	-5740.7								
6108	9.4	132400.5	-5759.1								
6109	9.6	132401.8	-5702.4								
6110	9.6	132402.6	-5748.2								
6111	8.3	132407.6	-5705.3								
6112	8.7	132408.1	-5749.5								

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6113	9.3	132408.6	-5750.9	6203	9.7	133232.3	-5706.9	6293	10.0	133950.5	-5736.3
6114	9.9	132416.1	-5754.6	6204	9.4	133248.3	-5738.7	6294	10.0	133956.5	-5735.9
6115	8.6	132418.1	-5712.2	6205	9.0	133252.3	-5758.8	6295	9.6	133957.0	-5710.8
6116	9.2	132419.6	-5749.6	6206	9.9	133313.3	-5742.9	6296	9.6	133957.0	-5706.3
6117	9.0	132426.6	-5749.0	6207	9.4	133317.8	-5703.3	6297	9.4	134026.0	-5747.0
6118	9.9	132432.1	-5727.8	6208	8.6	133336.8	-5719.4	6298	9.6	134026.0	-5725.1
6119	9.9	132432.6	-5756.3	6209	9.9	133336.8	-5750.3	6299	10.0	134026.0	-5744.1
6120	9.2	132441.9	-5701.7	6210	9.4	133357.8	-5752.2	6300	10.0	134028.3	-5748.1
6121	9.9	132445.2	-5750.4	6211	7.6	133401.4	-5759.2	6301	9.4	134028.5	-5755.2
6122	9.3	132447.2	-5710.3	6212	9.4	133411.8	-5732.8	6302	9.1	134029.5	-5745.3
6123	9.6	132502.4	-5702.0	6213	10.1	133416.0	-5758.5	6303	10.0	134035.5	-5753.1
6124	9.8	132516.7	-5713.5	6214	8.2	133419.8	-5713.1	6304	10.0	134046.0	-5745.6
6125	9.6	132534.2	-5743.4	6215	9.6	133420.3	-5757.9	6305	9.6	134104.5	-5752.0
6126	9.9	132539.2	-5743.5	6216	9.9	133420.8	-5701.8	6306	9.7	134108.5	-5707.3
6127	9.2	132540.7	-5706.1	6217	9.6	133430.0	-5759.3	6307	8.4	134111.0	-5708.1
6128	8.4	132542.2	-5735.0	6218	9.3	133442.3	-5746.8	6308	10.0	134112.5	-5748.1
6129	9.7	132549.2	-5757.8	6219	9.1	133445.8	-5706.5	6309	9.8	134115.5	-5728.4
6130	9.9	132549.7	-5715.2	6220	9.3	133456.8	-5713.6	6310	9.6	134123.5	-5723.7
6131	9.9	132552.2	-5708.2	6221	9.0	133458.3	-5728.0	6311	10.0	134124.9	-5701.7
6132	9.2	132558.7	-5724.7	6222	9.9	133459.8	-5716.7	6312	9.2	134128.0	-5733.7
6133	9.9	132620.7	-5717.7	6223	9.9	133500.2	-5757.2	6313	9.2	134129.5	-5726.1
6134	9.1	132623.2	-5755.2	6224	9.2	133501.3	-5751.0	6314	9.8	134130.5	-5726.3
6135	9.3	132625.2	-5720.9	6225	9.9	133502.3	-5750.1	6315	9.6	134131.0	-5702.5
6136	9.9	132637.0	-5712.2	6226	9.6	133508.3	-5720.5	6316	9.4	134133.6	-5709.1
6137	9.8	132639.2	-5707.7	6227	8.8	133508.8	-5752.0	6317	9.6	134137.6	-5711.1
6138	9.9	132645.0	-5737.4	6228	9.9	133511.8	-5742.0	6318	10.0	134152.1	-5741.9
6139	9.8	132651.7	-5707.9	6229	8.3	133512.8	-5706.0	6319	10.0	134155.6	-5705.4
6140	9.6	132652.2	-5736.3	6230	9.9	133514.9	-5732.1	6320	9.7	134201.1	-5749.0
6141	9.9	132655.0	-5721.2	6231	9.9	133515.3	-5712.1	6321	9.6	134201.6	-5733.3
6142	9.3	132700.2	-5733.0	6232	9.2	133519.3	-5754.5	6322	9.6	134208.6	-5754.4
6143	8.2	132700.7	-5743.4	6233	9.9	133523.0	-5752.1	6323	9.6	134209.6	-5705.7
6144	8.4	132702.2	-5744.7	6234	9.9	133527.9	-5702.1	6324	8.2	134210.6	-5752.7
6145	9.8	132708.2	-5752.7	6235	9.6	133532.8	-5703.2	6325	10.0	134210.8	-5745.0
6146	8.5	132737.4	-5702.5	6236	9.9	133533.3	-5739.8	6326	9.4	134212.6	-5730.8
6147	9.8	132746.7	-5713.0	6237	8.8	133538.8	-5713.2	6327	10.0	134214.7	-5757.7
6148	9.8	132752.2	-5709.7	6238	9.4	133542.7	-5729.5	6328	9.8	134218.1	-5724.3
6149	9.4	132755.7	-5749.3	6239	9.6	133544.0	-5726.9	6329	8.4	134218.1	-5721.8
6150	9.4	132757.7	-5735.1	6240	10.0	133606.2	-5751.4	6330	9.4	134228.1	-5732.9
6151	8.9	132800.2	-5704.6	6241	9.6	133606.9	-5758.9	6331	9.2	134230.6	-5745.9
6152	9.9	132816.7	-5717.0	6242	10.0	133608.3	-5712.5	6332	9.8	134232.1	-5728.9
6153	9.9	132822.7	-5749.2	6243	10.0	133619.7	-5725.9	6333	10.0	134239.6	-5717.0
6154	9.6	132823.2	-5720.0	6244	9.2	133621.2	-5718.8	6334	10.0	134240.1	-5711.4
6155	9.9	132826.2	-5710.1	6245	10.0	133622.7	-5726.5	6335	10.0	134246.4	-5757.2
6156	8.0	132829.2	-5751.5	6246	9.6	133622.8	-5741.9	6336	10.0	134258.6	-5759.9
6157	9.9	132829.7	-5744.4	6247	9.0	133624.2	-5715.3	6337	9.4	134301.8	-5758.1
6158	8.6	132842.2	-5709.1	6248	9.6	133629.2	-5705.7	6338	9.2	134304.6	-5706.0
6159	9.9	132851.2	-5744.5	6249	10.0	133634.2	-5729.0	6339	8.2	134308.6	-5755.1
6160	9.9	132852.7	-5756.8	6250	9.6	133641.7	-5707.5	6340	9.1	134321.6	-5710.4
6161	9.9	132859.7	-5736.1	6251	9.6	133648.2	-5755.5	6341	8.6	134323.1	-5705.4
6162	9.3	132910.2	-5707.6	6252	8.8	133654.2	-5734.7	6342	9.8	134324.1	-5745.2
6163	9.7	132930.2	-5740.2	6253	10.0	133707.7	-5715.8	6343	10.0	134325.6	-5710.2
6164	9.6	132933.2	-5745.4	6254	9.2	133713.7	-5742.9	6344	8.7	134327.3	-5757.9
6165	9.9	132944.7	-5719.8	6255	8.2	133721.7	-5736.7	6345	10.0	134328.4	-5757.0
6166	8.0	132947.7	-5734.1	6256	10.0	133721.7	-5751.5	6346	9.6	134328.6	-5754.8
6167	9.8	132949.3	-5718.4	6257	8.8	133725.2	-5747.2	6347	8.0	134332.6	-5748.6
6168	9.4	132950.8	-5745.4	6258	10.0	133729.2	-5704.3	6348	9.6	134334.6	-5721.9
6169	7.3	132956.8	-5746.6	6259	8.4	133731.2	-5756.8	6349	9.7	134337.6	-5708.9
6170	9.9	133000.3	-5731.4	6260	10.0	133732.7	-5727.1	6350	10.0	134338.1	-5753.9
6171	10.1	133001.0	-5759.6	6261	9.4	133735.7	-5719.9	6351	10.0	134338.1	-5743.0
6172	9.8	133002.3	-5743.5	6262	10.0	133745.7	-5703.1	6352	9.6	134346.1	-5723.7
6173	9.3	133011.3	-5743.0	6263	9.4	133751.7	-5723.9	6353	10.0	134349.4	-5741.0
6174	9.7	133012.3	-5737.0	6264	10.0	133800.7	-5721.3	6354	9.6	134352.5	-5702.4
6175	7.6	133013.3	-5740.3	6265	9.4	133811.2	-5740.9	6355	9.0	134357.6	-5718.3
6176	9.9	133013.3	-5705.1	6266	9.0	133816.7	-5710.3	6356	9.4	134358.6	-5759.2
6177	8.7	133014.3	-5753.7	6267	10.0	133821.7	-5738.1	6357	9.2	134416.1	-5725.1
6178	9.8	133030.3	-5716.0	6268	9.1	133826.2	-5707.5	6358	9.4	134423.1	-5739.4
6179	8.8	133033.3	-5731.0	6269	10.0	133834.9	-5756.0	6359	9.2	134430.1	-5738.4
6180	9.7	133034.3	-5737.3	6270	9.8	133838.7	-5718.9	6360	9.4	134433.6	-5726.0
6181	9.3	133034.3	-5738.7	6271	9.4	133840.7	-5738.1	6361	9.1	134435.9	-5740.4
6182	9.3	133035.3	-5712.4	6272	8.4	133844.2	-5726.5	6362	9.4	134437.9	-5723.6
6183	9.9	133036.3	-5716.2	6273	10.0	133845.8	-5759.9	6363	10.0	134453.9	-5758.8
6184	9.8	133051.3	-5751.1	6274	8.6	133847.0	-5739.6	6364	9.6	134503.9	-5716.6
6185	9.6	133055.8	-5745.2	6275	8.8	133850.5	-5703.0	6365	9.6	134504.9	-5745.2
6186	8.6	133059.3	-5758.7	6276	9.7	133858.0	-5710.9	6366	9.1	134506.4	-5711.2
6187	9.0	133104.3	-5741.3	6277	9.2	133901.5	-5712.8	6367	9.2	134507.9	-5728.5
6188	9.0	133107.8	-5741.1	6278	9.7	133902.0	-5749.9	6368	7.8	134510.4	-5749.2
6189	9.8	133108.8	-5725.9	6279	9.4	133904.0	-5721.7	6369	10.0	134512.9	-5722.8
6190	9.8	133110.3	-5750.9	6280	8.9	133905.7	-5758.8	6370	9.4	134520.9	-5745.0
6191	9.9	133132.8	-5752.4	6281	9.2	133916.5	-5753.0	6371	9.7	134523.4	-5708.6
6192	9.9	133144.8	-5750.8	6282	9.2	133935.5	-5715.9	6372	9.7	134525.9	-5703.8
6193	9.9	133155.8	-5737.9	6283	9.8	133938.0	-5739.2	6373	9.2	134531.4	-5714.4
6194	9.4	133157.8	-5753.0	6284	10.0	133939.5	-5738.1	6374	10.0	134539.9	-5742.6
6195	9.2	133157.8	-5746.9	6285	9.4	133939.5	-5717.4	6375	10.0	134546.9	-5729.2
6196	9.0	133159.3	-5713.1	6286	9.0	133940.5	-5704.1	6376	9.2	134549.9	-5705.8
6197	9.6	133200.3	-5757.3	6287	10.0	133946.0	-5716.4	6377	9.4	134549.9	-5733.6
6198	9.3	133203.8	-5706.3	6288	10.0	133947.9	-5702.0	6378	9.2	134556.9	-5735.4
6199	9.2	133208.3	-5750.9	6289	9.8	133949.5	-5756.2	6379	9.4	134556.9	-5750.8
6200	7.7	133212.8	-5717.5	6290	9.2	133949.5	-5737.4	6380	9.8	134600.9	-5740.0
6201	9.3	133222.3	-5733.9	6291	9.6	133949.5	-5735.3	6381	9.6	134603.4	-5748.8
6202	9.7	133226.8	-5735.4	6292	10.0	133949.8	-5756.6	6382	10.0	134609.4	-5747.8

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6383	10.0	134615.4	-5714.6	6393	9.4	134707.9	-5748.9	6403	9.7	134810.0	-5748.5
6384	9.8	134616.9	-5705.6	6394	8.9	134714.4	-5750.0	6404	10.0	134811.0	-5717.2
6385	9.2	134616.9	-5732.8	6395	10.0	134718.9	-5711.3	6405	9.4	134819.0	-5704.5
6386	9.8	134619.4	-5741.2	6396	10.0	134732.4	-5747.0	6406	10.0	134840.0	-5743.0
6387	9.0	134631.4	-5715.0	6397	10.0	134733.4	-5712.0	6407	9.6	134849.0	-5700.5
6388	8.6	134632.4	-5700.9	6398	10.0	134740.4	-5752.2	6408	8.6	134850.5	-5755.2
6389	9.7	134637.7	-5700.6	6399	9.4	134749.9	-5710.6	6409	8.4	134853.0	-5706.0
6390	9.2	134641.4	-5703.3	6400	9.4	134757.9	-5753.1	6410	8.6	134900.0	-5705.9
6391	10.0	134647.2	-5740.9	6401	9.8	134758.4	-5720.0	6411	9.2	134902.5	-5713.2
6392	9.4	134658.4	-5705.2	6402	8.8	134805.0	-5737.2	6412	9.8	134909.0	-5725.7
6413	9.1	134914.5	-5717.4	6423	10.0	135029.0	-5756.5				
6414	9.6	134918.5	-5745.5	6424	8.7	135030.0	-5729.2				
6415	9.4	134940.0	-5700.9	6425	9.8	135035.0	-5746.7				
6416	10.0	134940.5	-5719.5	6426	9.2	135040.9	-5702.5				
6417	10.0	134940.5	-5749.2	6427	9.6	135044.0	-5708.0				
6418	9.7	134943.5	-5745.5	6428	9.6	135047.5	-5745.4				
6419	10.0	134948.0	-5717.9	6429	9.7	135050.5	-5749.0				
6420	10.0	135003.5	-5717.2	6430	9.6	135050.5	-5723.2				
6421	10.0	135005.3	-5749.0	6431	8.6	135054.0	-5713.6				
6422	8.7	135014.5	-5717.0	6432	8.7	135100.0	-5747.2				
				6433	9.6	135101.0	-5706.2				
				6434	9.7	135115.5	-5744.0				
				6435	8.7	135118.5	-5713.2				
				6436	10.0	135139.0	-5710.2				
				6437	10.0	135140.5	-5722.8				
				6438	9.6	135148.5	-5733.9				
				6439	9.2	135154.3	-5757.3				
				6440	9.2	135225.1	-5715.9				
				6441	10.0	135230.1	-5732.2				
				6442	9.4	135230.1	-5719.0				
				6443	9.2	135238.1	-5704.0				
				6444	9.7	135245.6	-5713.8				
				6445	10.0	135249.6	-5752.7				
				6446	9.6	135250.1	-5706.2				
				6447	10.0	135258.6	-5707.0				
				6448	9.4	135307.5	-5757.0				
				6449	9.6	135319.1	-5729.2				
				6450	10.0	135319.6	-5727.6				
				6451	9.7	135320.1	-5700.0				
				6452	10.0	135324.1	-5744.3				
				6453	10.0	135325.8	-5730.3				
				6454	10.0	135327.6	-5727.2				
				6455	9.7	135330.1	-5735.0				
				6456	10.0	135331.1	-5737.2				
				6457	9.4	135337.5	-5728.0				
				6458	9.6	135339.6	-5727.4				
				6459	10.0	135340.1	-5732.2				
				6460	9.7	135342.6	-5727.2				
				6461	8.9	135355.1	-5716.4				
				6462	10.0	135400.3	-5753.8				
				6463	10.0	135403.1	-5751.2				
				6464	9.8	135410.1	-5734.0				
				6465	9.2	135425.1	-5717.8				
				6466	9.2	135439.1	-5707.0				
				6467	10.0	135439.6	-5733.1				
				6468	10.0	135440.1	-5744.8				
				6469	10.0	135441.1	-5739.8				
				6470	10.0	135457.1	-5751.8				
				6471	10.0	135505.1	-5739.7				
				6472	9.6	135506.6	-5727.1				

6473	9.4	135510.1	-5718.0	6563	10.0	140708.0	-5737.3	6653	10.2	141937.9	-5744.5
6474	10.0	135524.7	-5700.8	6564	9.2	140708.8	-5748.0	6654	10.0	141945.9	-5733.9
6475	10.0	135535.1	-5706.8	6565	9.8	140731.0	-5758.8	6655	9.0	141956.9	-5738.8
6476	9.4	135535.1	-5707.4	6566	10.0	140735.0	-5741.3	6656	9.8	142000.4	-5732.8
6477	9.6	135537.1	-5739.0	6567	9.6	140741.0	-5711.0	6657	10.0	142009.4	-5710.0
6478	10.0	135538.6	-5716.1	6568	9.7	140743.0	-5710.4	6658	10.2	142035.9	-5740.1
6479	9.4	135543.2	-5757.6	6569	9.4	140745.5	-5718.2	6659	10.0	142036.9	-5719.3
6480	9.1	135544.7	-5717.2	6570	8.0	140751.0	-5744.5	6660	9.6	142042.4	-5714.7
6481	9.6	135547.2	-5728.0	6571	9.8	140801.2	-5726.8	6661	10.2	142100.9	-5733.9
6482	7.8	135548.7	-5735.8	6572	7.3	140810.2	-5716.2	6662	9.4	142128.9	-5735.5
6483	10.0	135549.2	-5749.0	6573	9.8	140816.7	-5700.8	6663	9.5	142142.4	-5749.2
6484	10.0	135607.7	-5729.0	6574	9.5	140821.8	-5705.1	6664	10.2	142144.9	-5757.9
6485	9.7	135611.7	-5728.5	6575	10.2	140827.7	-5731.1	6665	9.4	142148.4	-5746.2
6486	10.0	135620.2	-5746.0	6576	10.2	140830.7	-5731.5	6666	10.2	142151.9	-5754.2
6487	9.4	135626.2	-5714.3	6577	9.8	140839.2	-5720.1	6667	10.2	142204.4	-5726.8
6488	10.0	135632.2	-5747.7	6578	9.8	140843.1	-5752.2	6668	9.8	142209.4	-5735.4
6489	9.6	135634.2	-5710.8	6579	9.0	140851.8	-5757.6	6669	10.2	142217.4	-5702.9
6490	9.6	135654.2	-5743.1	6580	9.8	140906.6	-5744.8	6670	10.2	142218.5	-5751.5
6491	9.7	135714.7	-5742.0	6581	9.0	140911.6	-5753.3	6671	10.2	142250.4	-5729.7
6492	9.2	135718.7	-5740.3	6582	10.2	140911.8	-5737.9	6672	10.2	142253.4	-5748.0
6493	10.0	135722.7	-5721.5	6583	8.8	140914.6	-5714.7	6673	9.4	142257.4	-5704.5
6494	9.4	135724.2	-5705.5	6584	9.5	140915.1	-5720.2	6674	9.4	142259.9	-5726.8
6495	10.0	135727.5	-5700.4	6585	9.0	140931.1	-5721.2	6675	10.0	142300.4	-5703.2
6496	10.0	135740.4	-5702.7	6586	9.5	140938.1	-5709.0	6676	10.0	142305.5	-5707.6
6497	10.0	135741.4	-5716.1	6587	8.8	140951.6	-5727.0	6677	9.6	142311.9	-5755.0
6498	8.9	135802.7	-5728.7	6588	9.4	141007.6	-5719.6	6678	10.0	142318.4	-5702.8
6499	9.2	135803.7	-5707.3	6589	10.0	141009.6	-5755.1	6679	10.2	142320.4	-5706.8
6500	10.0	135849.4	-5719.1	6590	9.8	141016.1	-5726.0	6680	10.2	142321.9	-5707.0
6501	9.6	135851.2	-5705.9	6591	9.5	141019.6	-5736.7	6681	9.0	142322.4	-5715.0
6502	9.4	135852.7	-5706.0	6592	9.4	141021.6	-5751.8	6682	9.2	142326.4	-5737.8
6503	9.7	135856.7	-5732.0	6593	9.4	141032.6	-5749.8	6683	8.8	142335.9	-5754.7
6504	10.0	135902.5	-5701.6	6594	10.0	141045.1	-5732.0	6684	9.8	142407.4	-5742.8
6505	9.4	135904.7	-5701.7	6595	9.4	141048.6	-5735.3	6685	9.6	142424.3	-5716.4
6506	9.6	135941.2	-5726.1	6596	9.6	141100.1	-5744.7	6686	10.2	142458.8	-5739.6
6507	10.0	140036.4	-5732.9	6597	9.8	141107.1	-5746.9	6687	9.8	142500.8	-5705.5
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6513	9.6	140123.9	-5748.9	6603	7.6	141140.2	-5756.4	6693	10.2	142532.3	-5743.0
6514	10.0	140130.9	-5718.1	6604	10.2	141150.6	-5757.1	6694	10.2	142533.3	-5758.0
6515	10.0	140135.4	-5716.9	6605	9.5	141154.6	-5718.6	6695	9.8	142602.8	-5703.0
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6517	9.4	140155.4	-5718.5	6607	10.2	141157.1	-5758.9	6697	10.2	142614.8	-5707.9
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6520	10.0	140204.4	-5754.0	6610	9.4	141235.6	-5732.5	6700	10.0	142650.8	-5751.7
6521	10.0	140213.9	-5736.2	6611	10.0	141239.1	-5742.6	6701	9.4	142651.3	-5749.5
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6525	9.8	140255.9	-5732.8	6615	10.0	141305.1	-5719.9	6705	9.6	142729.8	-5711.9
6526	10.0	140301.2	-5737.0	6616	7.4	141308.1	-5743.0	6706	10.2	142736.8	-5759.0
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6532	9.7	140405.9	-5733.2	6622	9.2	141345.9	-5722.4	6712	8.4	142800.8	-5753.2
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6553	9.4	140604.5	-5740.1	6643	10.2	141814.4	-5727.8	6733	9.4	143050.9	-5727.2
6554	9.4	140607.0	-5746.3	6644	9.6	141821.9	-5739.1	6734	10.0	143051.4	-5726.3
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6746	9.4	143252.4	-5724.9								
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6748	10.2	143255.9	-5722.9								
6749	10.2	143258.9	-5704.9								
6750	8.3	143300.9	-5716.1								
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6752	10.2	143319.4	-5736.9								
6753	9.8	143324.9	-5749.6								
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6756	7.3	143339.4	-5733.0								
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6766	9.2	143456.1	-5756.5								
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6768	9.8	143510.1	-5709.2								
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6770	9.2	143518.8	-5757.6								
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6773	9.4	143539.1	-5704.2								
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6777	10.2	143616.6	-5720.3								
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6785	7.6	143758.6	-5708.9								
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6789	10.2	143907.1	-5757.6								
6790	10.0	143922.5	-5707.4								
6791	10.0	143934.6	-5702.8								
6792	7.3	143940.0	-5735.6								
6793	9.8	143951.5	-5730.8								
6794	9.2	144002.9	-5739.7								
6795	9.7	144009.9	-5742.0								
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6799	10.1	144124.4	-5710.8								
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6802	10.1	144158.9	-5719.1								
6803	10.0	144207.9	-5703.4								
6804	10.0	144221.4	-5746.9								
6805	9.6	144230.9	-5706.3								
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6807	9.8	144251.4	-5721.5								
6808	9.7	144252.9	-5731.2								
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6833 10.1 144551.3 -5716.4	6923 9.6 150039.2 -5757.0	7013 10.1 151059.9 -5701.3	7103 10.2 152621.7 -5748.0
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-57 7192 15h35m

-57 7193 15h35m

-57 7552 15h56m

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-57 7912 16h10m

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7915	10.4	161106.4	-5704.0	8005	10.4	161613.4	-5711.6	8095	9.4	162902.0	-5748.9
7916	10.2	161107.9	-5702.4	8006	10.2	161617.9	-5735.5	8096	9.6	162905.0	-5727.0
7917	10.1	161112.4	-5741.1	8007	10.0	161618.4	-5727.5	8097	9.5	162937.0	-5714.5
7918	9.5	161112.4	-5753.4	8008	10.4	161622.9	-5703.9	8098	8.8	162941.0	-5703.2
7919	10.4	161113.4	-5746.6	8009	10.4	161624.4	-5754.5	8099	9.7	162944.5	-5711.2
7920	10.4	161120.4	-5753.8	8010	10.1	161626.9	-5738.3	8100	9.4	162944.5	-5735.3
7921	10.0	161126.4	-5735.3	8011	9.4	161628.4	-5720.1	8101	9.8	163001.0	-5718.2
7922	10.0	161126.4	-5727.6	8012	10.4	161636.4	-5741.7	8102	9.5	163020.8	-5759.8
7923	10.1	161129.4	-5742.7	8013	9.8	161636.9	-5723.9	8103	9.8	163025.8	-5745.7
7924	10.0	161130.4	-5707.5	8014	9.5	161637.6	-5746.2	8104	9.4	163035.0	-5720.4
7925	10.4	161130.4	-5754.7	8015	7.8	161642.4	-5749.9	8105	9.8	163103.0	-5708.4
7926	9.6	161132.4	-5732.0	8016	9.4	161656.4	-5719.5	8106	9.7	163106.0	-5756.7
7927	9.8	161132.4	-5752.1	8017	9.6	161658.9	-5733.5	8107	9.4	163126.0	-5725.1
7928	10.4	161134.4	-5745.4	8018	9.4	161659.4	-5707.8	8108	9.4	163219.0	-5734.9
7929	8.0	161143.0	-5715.9	8019	9.8	161702.9	-5738.2	8109	9.6	163255.0	-5714.0
7930	10.4	161148.9	-5735.3	8020	9.6	161710.9	-5724.0	8110	9.8	163328.5	-5722.3
7931	10.4	161151.9	-5713.4	8021	9.6	161710.9	-5716.7	8111	9.4	163354.5	-5736.9
7932	10.4	161153.4	-5758.5	8022	9.6	161724.7	-5739.1	8112	9.8	163412.0	-5724.2
7933	10.0	161155.4	-5703.4	8023	8.7	161725.4	-5747.9	8113	9.3	163412.7	-5746.0
7934	10.4	161156.3	-5718.0	8024	9.5	161727.9	-5745.1	8114	9.6	163453.7	-5721.6
7935	9.8	161159.4	-5708.2	8025	9.3	161730.4	-5724.2	8115	9.8	163503.7	-5710.3
7936	9.8	161200.4	-5725.1	8026	8.2	161817.4	-5737.2	8116	9.2	163540.2	-5731.5
7937	10.0	161203.4	-5721.5	8027	9.8	161820.4	-5759.6	8117	9.3	163549.7	-5717.7
7938	9.8	161222.4	-5719.6	8028	8.9	161823.4	-5707.7	8118	8.7	163558.2	-5714.8
7939	9.3	161227.9	-5753.6	8029	9.6	161824.9	-5710.8	8119	9.4	163607.2	-5710.8
7940	10.4	161231.4	-5717.2	8030	9.6	161830.4	-5731.1	8120	8.9	163624.5	-5706.4
7941	10.4	161235.4	-5702.4	8031	9.6	161837.9	-5744.6	8121	9.4	163633.2	-5720.1
7942	10.4	161237.4	-5746.3	8032	9.0	161841.4	-5714.7	8122	9.7	163636.2	-5702.3
7943	10.2	161238.4	-5726.9	8033	9.0	161853.4	-5741.1	8123	7.8	163650.5	-5713.6
7944	10.4	161238.9	-5709.9	8034	9.5	161916.9	-5747.0	8124	9.8	163655.2	-5759.0
7945	10.4	161239.4	-5702.5	8035	7.4	161920.4	-5728.3	8125	9.8	163705.6	-5757.7
7946	10.4	161243.9	-5750.3	8036	9.5	161934.9	-5735.8	8126	9.7	163713.7	-5742.8
7947	10.4	161246.4	-5724.5	8037	9.4	161942.4	-5714.1	8127	9.4	163731.2	-5715.1
7948	10.0	161246.5	-5701.0	8038	9.2	162005.4	-5743.1	8128	9.5	163740.2	-5732.1
7949	10.0	161249.9	-5706.6	8039	9.5	162018.2	-5723.3	8129	9.5	163745.7	-5712.2
7950	10.0	161250.4	-5745.1	8040	9.0	162019.7	-5741.4	8130	9.3	163746.2	-5744.3
7951	10.0	161250.9	-5718.5	8041	9.8	162036.9	-5731.4	8131	9.6	163816.7	-5721.9
7952	10.4	161253.9	-5743.9	8042	9.5	162041.7	-5726.2	8132	9.2	163900.2	-5713.6
7953	8.9	161313.4	-5706.7	8043	9.6	162042.2	-5742.2	8133	9.8	163906.2	-5739.3
7954	10.0	161325.9	-5722.9	8044	9.8	162044.7	-5744.7	8134	8.8	163916.7	-5721.8
7955	10.4	161327.4	-5742.9	8045	9.8	162055.2	-5711.6	8135	9.4	163929.7	-5744.4
7956	10.4	161327.4	-5735.2	8046	9.2	162105.7	-5747.1	8136	9.8	163945.2	-5724.4
7957	9.8	161332.4	-5707.1	8047	8.7	162114.2	-5725.6	8137	9.8	163954.7	-5722.0
7958	9.8	161333.9	-5743.3	8048	9.8	162148.7	-5712.8	8138	9.4	164011.2	-5719.3
7959	9.8	161336.4	-5741.9	8049	9.8	162154.7	-5753.4	8139	9.7	164019.2	-5755.6
7960	9.8	161337.5	-5702.9	8050	9.4	162201.7	-5732.8	8140	9.8	164025.7	-5703.1
7961	10.0	161340.4	-5711.1	8051	9.8	162211.2	-5709.1	8141	9.8	164035.7	-5751.7
7962	10.4	161343.9	-5744.1	8052	9.8	162232.7	-5739.8	8142	9.8	164044.7	-5722.6
7963	10.4	161345.4	-5710.9	8053	9.7	162233.1	-5700.1	8143	9.2	164046.7	-5730.9
7964	9.6	161346.4	-5724.0	8054	9.8	162248.3	-5702.2	8144	9.4	164051.7	-5715.1
7965	9.8	161350.4	-5729.9	8055	9.4	162321.7	-5737.1	8145	9.8	164111.5	-5738.2
7966	9.4	161353.9	-5749.3	8056	9.6	162321.7	-5756.5	8146	9.3	164122.2	-5738.3
7967	10.4	161358.4	-5712.7	8057	9.4	162333.2	-5732.0	8147	9.4	164124.7	-5731.0
7968	10.4	161400.4	-5741.9	8058	9.6	162338.2	-5717.7	8148	9.5	164126.2	-5738.3
7969	9.8	161402.0	-5701.9	8059	9.8	162344.2	-5704.7	8149	7.4	164136.2	-5721.6
7970	10.1	161403.9	-5731.2	8060	9.5	162351.7	-5734.6	8150	8.8	164141.2	-5702.8
7971	10.4	161412.9	-5722.1	8061	8.9	162404.2	-5708.2	8151	8.3	164159.7	-5737.4
7972	10.1	161416.4	-5725.3	8062	9.3	162408.7	-5735.1	8152	8.6	164200.0	-5733.4
7973	10.4	161420.9	-5753.8	8063	9.8	162408.7	-5715.7	8153	9.4	164221.5	-5709.2
7974	9.8	161421.5	-5702.5	8064	9.8	162417.9	-5727.4	8154	9.4	164232.0	-5717.1
7975	10.2	161427.4	-5706.0	8065	8.6	162419.7	-5710.7	8155	9.4	164254.5	-5739.2
7976	10.4	161428.9	-5708.9	8066	9.4	162423.7	-5732.2	8156	8.8	164311.5	-5743.6
7977	10.4	161433.9	-5753.7	8067	9.7	162430.7	-5729.0	8157	7.5	164324.5	-5741.4
7978	9.0	161437.4	-5752.5	8068	9.8	162444.7	-5738.9	8158	9.8	164328.0	-5735.4
7979	10.1	161438.9	-5758.1	8069	7.9	162447.2	-5705.2	8159	9.4	164347.0	-5741.4
7980	10.0	161441.9	-5727.0	8070	8.6	162455.2	-5748.9	8160	9.8	164356.5	-5734.9
7981	9.3	161444.4	-5709.2	8071	9.8	162501.7	-5734.0	8161	9.8	164400.5	-5736.1
7982	10.4	161445.4	-5704.9	8072	9.8	162504.2	-5720.8	8162	9.3	164412.5	-5750.2
7983	10.0	161445.9	-5748.8	8073	9.8	162540.7	-5714.6	8163	9.0	164418.0	-5712.3
7984	9.8	161452.4	-5707.8	8074	9.5	162545.7	-5738.3	8164	9.7	164420.0	-5730.3
7985	10.4	161454.4	-5737.1	8075	9.4	162624.5	-5727.6	8165	9.3	164425.5	-5726.6
7986	10.2	161504.4	-5747.9	8076	9.7	162626.5	-5759.0	8166	9.3	164427.5	-5749.8
7987	9.8	161512.2	-5714.7	8077	9.8	162641.0	-5757.8	8167	9.4	164427.5	-5721.9
7988	10.4	161512.9	-5702.3	8078	9.0	162646.5	-5743.0	8168	8.9	164434.0	-5730.3
7989	10.4	161516.4	-5714.3	8079	9.4	162657.0	-5744.9	8169	9.8	164439.5	-5740.8
7990	10.4	161533.9	-5731.0	8080	9.6	162721.0	-5732.1	8170	9.8	164452.5	-5750.7
7991	10.4	161537.9	-5754.9	8081	9.7	162730.0	-5739.8	8171	9.7	164526.5	-5706.1
7992	10.4	161541.4	-5703.4	8082	9.8	162731.1	-5732.4	8172	9.5	164526.5	-5702.8
7993	10.4	161542.4	-5728.9	8083	9.8	162743.0	-5710.5	8173	9.4	164528.0	-5721.0
7994	10.1	161543.7	-5701.7	8084	9.5	162749.0	-5717.8	8174	9.8	164556.5	-5733.2
7995	10.1	161546.4	-5744.2	8085	8.2	162750.7	-5758.5	8175	9.4	164605.2	-5757.9
7996	10.1	161547.9	-5755.3	8086	9.8	162751.5	-5756.3	8176	8.6	164613.0	-5710.3
7997	10.0	161553.9	-5737.0	8087	9.4	162800.0	-5712.0	8177	9.5	164621.5	-5748.2
7998	9.4	161555.9	-5729.2	8088	8.8	162802.5	-5712.8	8178	9.6	164636.5	-5728.4
7999	10.4	161556.9	-5759.5	8089	9.5	162816.0	-5725.9	8179	9.4	164641.5	-5734.1
8000	10.4	161557.9	-5706.8	8090	9.8	162816.5	-5738.1	8180	9.0	164646.0	-5741.6
8001	10.4	161558.4	-5720.8	8091	7.4	162833.5	-5759.6	8181	8.6	164656.0	-5755.2
8002	9.6	161602.4	-5754.7	8092	9.5	162839.0	-5702.3	8182	9.8	164720.5	-5704.0
8183	7.8	164731.0	-5733.9								
8184	10.1	164733.3	-5755.0								
8185	7.6	164734.1	-5735.2								
8186	9.3	164749.3	-5703.6								
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8188	9.8	164806.8	-5741.2								
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8190	9.5	164809.1	-5712.4								
8191	10.1	164811.8	-5727.2								
8192	9.6	164812.8	-5707.0								
8193	10.0	164816.3	-5725.0								
8194	10.1	164816.8	-5744.5								
8195	9.5	164817.4	-5758.6								
8196	10.1	164819.4	-5701.6								
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8198	10.1	164834.3	-5702.4								
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8200	9.8	164840.8	-5728.6								
8201	9.4	164845.3	-5713.2								
8202	9.8	164847.3	-5722.3								
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8204	8.4	164855.3	-5719.5								
8205	9.4	164858.5	-5702.6								
8206	9.5	164901.8	-5724.0								
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8211	10.0	164924.4	-5709.0								
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8213	10.1	164947.9	-5731.5								
8214	10.1	164956.9	-5715.0								
8215	7.4	165001.4	-5705.6								
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8217	9.6	165009.9	-5716.2								
8218	9.8	165011.9	-5748.7								
8219	10.0	165017.9	-5751.4								
8220	10.0	165022.9	-5715.7								
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8222	9.6	165029.4	-5726.3								
8223	9.6	165029.9	-5717.5								
8224	10.0	165030.9	-5723.2								
8225	9.8	165037.4	-5714.2								
8226	10.1	165038.9	-5710.6								
8227	10.1	165040.4	-5730.0								
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8229	10.1	165054.9	-5706.6								
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8240	10.1	165200.9	-5715.1								
8241	10.0	165204.9	-5709.1								
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8243	10.0	165210.5	-5715.3								
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8246	9.8	165215.5	-5709.2								
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8249	9.1	165233.0	-5724.3								
8250	9.6	165238.0	-5726.2								
8251	9.4	165241.5	-5727.9								
8252	10.1	165252.0	-5720.7								
8253	9.8	165256.5	-5711.0								
8254	10.0	165300.5	-5731.2								
8255	10.0	165305.0	-5729.9								
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8263	10.1	165338.5	-5738.1								
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8266	9.8	165404.0	-5753.0								
8267	10.0	165404.5	-5728.0								
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8304	10.1	165713.3	-5737.0
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8311	10.1	165743.3	-5748.9
8312	10.0	165750.3	-5732.5
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8315	9.3	165807.3	-5716.9
8316	9.8	165813.8	-5704.1
8317	9.8	165815.8	-5738.0
8318	9.3	165823.3	-5719.3
8319	10.0	165828.3	-5744.1
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8322	10.0	165832.8	-5729.1
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8325	10.1	165852.6	-5716.1
8326	9.8	165901.3	-5747.9
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8333	10.0	165934.8	-5721.0
8334	10.0	165938.8	-5718.5
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8351	10.1	170056.4	-5703.7
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8356	9.0	170123.9	-5747.7
8357	9.8	170126.4	-5713.9
8358	9.4	170140.9	-5733.0
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8365	10.0	170223.9	-5733.1
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8599	10.1	172200.4	-5723.9
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9223	9.6	184116.3	-5752.0
9224	10.0	184116.3	-5704.0
9225	10.0	184118.3	-5718.3
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9227	9.2	184133.8	-5715.5
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9232	9.2	184223.3	-5705.7
9233	9.9	184226.3	-5704.1
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9240	9.5	184336.8	-5740.0
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9243	9.4	184348.3	-5745.0
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9249	10.0	184500.3	-5705.2
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9256	9.6	184550.3	-5732.5
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9261	10.0	184621.3	-5720.3
9262	9.9	184629.5	-5701.9

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9264	9.1	184647.8	-5704.7
9265	9.2	184648.5	-5701.5
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9269	10.0	184713.3	-5713.1
9270	10.3	184720.3	-5758.9
9271	9.4	184722.1	-5757.3
9272	9.9	184726.3	-5722.2
9273	8.7	184734.3	-5725.1
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9285	9.8	184913.8	-5725.3
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9290	8.8	185120.3	-5737.7
9291	8.2	185125.3	-5708.2
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9294	9.2	185233.8	-5720.7
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9310	9.6	185531.8	-5750.8
9311	9.6	185534.3	-5749.0
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9313	9.5	185544.3	-5708.8
9314	7.7	185601.3	-5717.7
9315	9.4	185604.9	-5701.8
9316	9.8	185612.3	-5749.9
9317	9.8	185616.4	-5742.6
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9336	10.0	190106.9	-5759.8
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9340	10.2	190224.4	-5746.9
9341	10.2	190231.9	-5712.0
9342	10.3	190331.4	-5746.4
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-57 9712 20h25m

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-5710073 22h07m

-58 5 0h04m

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10112	9.6	223111.3	-5704.1	10202	9.8	230100.2	-5729.7	10292	7.7	232627.7	-5743.1
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10114	10.2	223154.3	-5703.1	10204	10.2	230131.7	-5751.0	10294	8.5	232639.7	-5729.6
10115	9.8	223205.8	-5725.4	10205	9.8	230136.2	-5702.7	10295	10.2	232702.7	-5758.2
10116	10.4	223208.3	-5734.0	10206	9.8	230215.7	-5722.5	10296	9.2	232720.2	-5727.0
10117	9.2	223228.3	-5714.2	10207	10.4	230244.2	-5757.5	10297	6.9	232806.2	-5730.8
10118	9.0	223252.3	-5745.1	10208	10.4	230256.2	-5743.5	10298	10.2	232821.2	-5739.6
10119	9.4	223305.3	-5711.9	10209	10.4	230306.7	-5744.0	10299	9.0	232939.2	-5745.2
10120	7.9	223319.8	-5740.7	10210	9.4	230320.7	-5727.1	10300	10.2	232946.2	-5712.4
10121	8.8	223338.3	-5731.1	10211	10.4	230321.7	-5753.3	10301	8.8	232951.5	-5723.6
10122	8.6	223412.3	-5741.6	10212	9.8	230335.7	-5725.2	10302	9.4	233001.5	-5710.5
10123	10.4	223412.7	-5734.4	10213	9.2	230356.7	-5709.3	10303	10.2	233018.5	-5732.8
10124	10.0	223429.3	-5741.9	10214	8.6	230420.2	-5727.9	10304	10.2	233023.0	-5707.9
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10126	9.0	223446.8	-5701.3	10216	9.6	230433.2	-5703.3	10306	8.6	233125.5	-5731.6
10127	10.4	223522.3	-5723.4	10217	9.2	230458.7	-5733.7	10307	10.2	233209.0	-5723.2
10128	9.6	223528.3	-5710.9	10218	9.8	230510.7	-5745.3	10308	10.2	233217.5	-5701.6
10129	10.0	223534.8	-5721.2	10219	9.0	230512.7	-5744.5	10309	10.2	233228.5	-5724.0
10130	9.4	223557.3	-5725.9	10220	10.4	230530.2	-5703.9	10310	8.8	233232.5	-5740.7
10131	9.4	223650.8	-5741.0	10221	10.4	230550.2	-5746.3	10311	10.2	233242.0	-5723.9
10132	10.0	223653.8	-5729.9	10222	10.4	230556.0	-5755.0	10312	9.1	233248.0	-5712.7
10133	9.6	223653.8	-5741.5	10223	10.4	230602.2	-5733.7	10313	9.2	233248.5	-5742.6
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10138	9.0	223839.8	-5711.5	10228	8.2	230708.7	-5755.0	10318	10.2	233328.0	-5712.9
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10145	9.2	224025.2	-5738.9	10235	9.8	230825.5	-5700.7	10325	9.1	233456.5	-5723.8
10146	9.8	224123.8	-5748.0	10236	8.8	230852.2	-5705.1	10326	10.2	233513.5	-5734.5
10147	9.4	224124.2	-5736.0	10237	10.0	230931.7	-5709.3	10327	8.1	233521.5	-5704.4
10148	10.0	224201.2	-5732.3	10238	10.4	231018.2	-5730.3	10328	10.0	233533.0	-5736.9
10149	10.4	224214.2	-5746.9	10239	10.4	231022.2	-5751.9	10329	8.6	233550.0	-5747.5
10150	9.0	224245.2	-5709.4	10240	9.2	231054.2	-5735.1	10330	9.8	233612.0	-5732.2
10151	9.2	224245.2	-5707.6	10241	10.4	231100.2	-5722.6	10331	10.0	233615.0	-5738.7
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10157	10.0	224358.2	-5742.4	10247	10.2	231303.2	-5734.3	10337	10.2	233737.0	-5701.7
10158	9.8	224402.0	-5741.0	10248	9.1	231304.9	-5705.7	10338	9.4	233757.5	-5753.4
10159	10.2	224450.5	-5747.8	10249	10.2	231320.4	-5739.9	10339	9.8	233800.0	-5709.4
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10161	10.4	224548.0	-5748.5	10251	9.1	231339.4	-5729.4	10341	10.2	233836.7	-5729.9
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10357	10.2	234226.5	-5714.4	10417	10.4	235652.0	-5742.9				
10358	9.6	234242.5	-5741.8	10418	11.0	235658.0	-5734.9				
10359	10.2	234251.5	-5707.8	10419	9.8	235700.5	-5732.7				
10360	8.2	234306.5	-5705.2	10420	11.0	235712.5	-5737.0				
10361	10.0	234328.0	-5721.9	10421	7.6	235715.5	-5751.7				
10362	9.8	234342.3	-5724.0	10422	9.4	235745.5	-5705.9				
10363	9.6	234342.3	-5723.6								
10364	9.6	234406.5	-5730.9								
10365	9.6	234417.3	-5740.9								
10366	10.2	234440.1	-5726.9								
10367	9.8	234447.8	-5733.0								
10368	10.6	234450.8	-5748.1								
10369	11.0	234500.1	-5741.1								
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10372	7.8	234551.1	-5720.3								
10373	8.6	234559.1	-5742.3								
10374	8.0	234616.1	-5728.2								
10375	9.0	234643.1	-5748.2								
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10377	11.0	234745.1	-5723.3								
10378	11.0	234747.6	-5720.9								
10379	11.0	234756.6	-5728.9								
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10381	10.6	234915.1	-5707.4								
10382	11.0	234952.1	-5727.0								
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10384	10.6	235105.1	-5756.9								
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10388	10.2	235156.6	-5747.6								
10389	6.8	235201.6	-5758.7								
10390	11.0	235216.6	-5736.9								
10391	8.6	235219.6	-5741.7								
10392	11.0	235225.6	-5721.5								
10393	7.8	235235.1	-5716.2								
10394	10.0	235245.6	-5715.2								
10395	11.0	235250.6	-5741.8								
10396	10.6	235252.6	-5743.9								
10397	11.0	235316.6	-5700.9								
10398	10.6	235349.6	-5750.0								
10399	10.2	235352.1	-5717.7								
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10401	10.2	235418.5	-5719.7								
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6	9.7	00415.0	-5824.6	96	10.4	11506.0	-5855.8	186	9.6	15851.4	-5800.4	276	9.8	31738.5	-5834.2
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16	9.6	01210.0	-5821.6	106	9.9	12153.5	-5809.8	196	8.9	20345.6	-5856.3	286	9.4	32639.5	-5843.2
17	9.5	01213.0	-5826.0	107	10.4	12250.5	-5839.8	197	9.9	20459.6	-5848.6	287	8.8	32705.5	-5813.8
18	9.6	01219.0	-5837.1	108	9.2	12314.5	-5825.8	198	10.6	20647.9	-5829.8	288	8.8	32750.5	-5833.3
19	9.3	01242.0	-5839.0	109	10.0	12340.5	-5827.2	199	8.9	20719.8	-5836.3	289	9.8	32816.5	-5838.5
20	9.5	01620.0	-5834.4	110	9.8	12439.5	-5840.8	200	9.4	21327.0	-5841.7	290	9.4	32818.5	-5843.5
21	9.7	01635.0	-5856.0	111	10.0	12450.0	-5807.4	201	8.3	21418.5	-5823.9	291	8.5	32854.5	-5848.7
22	9.7	01705.0	-5808.4	112	10.0	12511.0	-5821.6	202	10.0	21611.0	-5800.9	292	8.0	32855.5	-5831.3
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25	9.0	01917.0	-5857.5	115	9.4	12824.5	-5821.5	205	8.6	21753.5	-5840.3	295	8.0	33048.0	-5823.6
26	9.6	02010.0	-5857.0	116	8.2	12845.7	-5813.1	206	9.4	21757.5	-5835.9	296	9.4	33101.0	-5802.4
27	9.6	02027.2	-5817.1	117	9.9	12905.2	-5822.6	207	8.8	21950.5	-5845.0	297	9.6	33118.6	-5803.0
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41	9.6	03428.8	-5859.3	131	9.7	13458.1	-5839.9	221	8.6	23320.5	-5828.2	311	8.8	34442.5	-5827.6
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44	10.2	03808.7	-5802.8	134	10.2	13544.1	-5858.2	224	8.6	23627.5	-5812.2	314	9.2	34509.0	-5804.7
45	9.4	04007.5	-5837.3	135	10.6	13751.6	-5850.4	225	7.9	23713.5	-5840.2	315	8.6	34531.0	-5836.1
46	9.5	04049.2	-5857.1	136	10.6	13757.4	-5812.7	226	8.9	24105.8	-5801.2	316	8.8	34605.0	-5823.1
47	7.6	04051.0	-5836.5	137	9.7	13831.4	-5816.9	227	8.9	24120.8	-5829.1	317	9.8	34640.0	-5849.1
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49	8.8	04340.5	-5807.3	139	9.2	13901.4	-5818.9	229	9.6	24144.0	-5849.3	319	9.2	34851.5	-5811.2
50	9.5	04350.5	-5844.3	140	10.2	13928.9	-5806.6	230	8.8	24154.2	-5857.6	320	8.6	34852.2	-5857.0
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55	8.0	04849.5	-5805.1	145	10.2	14104.9	-5822.0	235	9.4	24401.5	-5848.1	325	8.8	35208.0	-5818.2
56	8.5	05100.5	-5815.8	146	9.8	14105.1	-5858.8	236	8.2	24448.0	-5811.1	326	8.4	35211.0	-5805.4
57	9.9	05227.0	-5852.9	147	9.2	14121.4	-5819.8	237	9.7	24458.5	-5852.8	327	8.8	35220.0	-5834.1
58	7.8	05244.0	-5822.5	148	9.6	14127.6	-5850.5	238	8.9	24544.0	-5820.2	328	8.9	35220.0	-5845.1
59	9.9	05318.0	-5855.5	149	10.2	14138.6	-5831.0	239	9.6	24608.0	-5831.0	329	9.5	35304.5	-5811.1
60	9.4	05349.5	-5813.5	150	10.4	14314.1	-5844.4	240	9.6	24704.5	-5814.5	330	9.0	35409.0	-5850.9
61	10.4	05409.7	-5802.8	151	9.2	14335.9	-5809.5	241	9.2	24752.0	-5828.1	331	9.6	35443.5	-5813.1
62	9.2	05437.5	-5822.3	152	10.4	14440.9	-5802.6	242	9.7	24930.5	-5813.1	332	9.8	35543.5	-5824.8
63	10.2	05439.0	-5841.0	153	10.0	14445.1	-5830.3	243	9.1	24942.0	-5829.9	333	9.4	35633.5	-5841.1
64	9.4	05529.5	-5823.4	154	9.7	14522.6	-5832.2	244	9.7	25128.0	-5841.3	334	9.8	35712.5	-5819.2
65	8.2	05712.5	-5800.9	155	9.9	14535.9	-5829.6	245	9.7	25231.5	-5835.6	335	9.8	35811.5	-5846.4
66	10.4	05722.0	-5838.8	156	9.9	14545.1	-5850.7	246	9.2	25322.5	-5851.5	336	9.2	35829.0	-5842.9
67	10.2	05836.6	-5801.1	157	9.0	14632.1	-5854.6	247	9.7	25352.5	-5815.6	337	9.6	35935.5	-5849.5
68	10.2	05839.0	-5854.5	158	10.0	14634.9	-5824.8	248	8.5	25434.5	-5803.5	338	9.8	40043.0	-5858.1
69	10.2	05840.0	-5849.9	159	9.9	14728.4	-5810.6	249	9.6	25515.0	-5844.1	339	10.0	40051.5	-5852.6
70	9.9	05854.5	-5844.7	160	9.7	14750.4	-5824.9	250	8.4	25540.5	-5816.1	340	8.8	40222.5	-5831.0
71	7.4	10002.5	-5827.8	161	10.6	14806.9	-5824.0	251	8.3	25647.5	-5844.1	341	9.2	40227.0	-5829.9
72	10.4	10009.0	-5804.6	162	9.9	14808.1	-5836.2	252	8.9	25654.5	-5808.1	342	9.9	40248.5	-5813.0
73	9.4	10035.0	-5833.9	163	10.4	14916.6	-5852.0	253	9.0	25700.0	-5842.1	343	9.8	40250.0	-5813.0
74	9.4	10217.0	-5831.0	164	10.6	14938.4	-5816.1	254	9.1	25931.5	-5820.2	344	7.2	40307.5	-5849.0
75	10.4	10230.0	-5816.7	165	9.9	14941.9	-5810.9	255	9.0	30012.7	-5801.0	345	9.6	40423.0	-5818.0
76	10.2	10305.0	-5809.1	166	8.1	14950.1	-5831.9	256	9.6	30021.5	-5822.2	346	8.6	40530.0	-5851.4
77	9.9	10326.0	-5813.8	167	10.6	15007.6	-5824.9	257	8.6	30121.0	-5853.3	347	8.6	40622.5	-5849.0
78	9.6	10340.0	-5825.9	168	10.4	15024.4	-5813.2	258	9.7	30147.5	-5815.7	348	9.8	40708.7	-5800.8
79	10.4	10355.5	-5823.0	169	10.6	15031.4	-5832.3	259	9.6	30202.5	-5807.6	349	8.8	40710.5	-5854.0
80	9.0	10429.7	-5857.9	170	10.6	15031.6	-5832.1	260	9.7	30205.7	-5802.1	350	9.0	40753.5	-5806.3
81	6.6	10501.0	-5821.2	171	9.9	15042.6	-5850.5	261	9.1	30253.5	-5825.0	351	9.2	40849.0	-5826.0
82	9.8	10509.0	-5848.9	172	8.0	15058.8	-5857.9	262	9.7	30308.0	-5817.8	352	9.4	40930.5	-5821.0
83	10.4	10516.0	-5824.8	173	10.4	15108.1	-5859.5	263	9.5	30556.5	-5825.8	353	8.4	40955.5	-5807.6
84	8.2	10717.0	-5801.7	174	10.6	15125.1	-5851.8	264	9.0	30613.5	-5834.2	354	9.8	41019.0	-5856.3
85	9.2	10740.0	-5802.0	175	10.6	15126.1	-5851.6	265	6.9	30731.5	-5817.0	355	9.9	41043.0	-5825.2
86	10.2	10927.0	-5817.8	176	10.6	15131.9	-5813.2	266	8.7	30742.0	-5810.3	356	9.8	41059.0	-5854.0
87	8.6	10939.5	-5802.7	177	10.2	15232.4	-5829.1	267	10.8	30859.5	-5802.4	357	9.8	41100.5	-5831.1
88	10.2	10956.0	-5819.8	178	9.7	15421.1	-5854.3	268	9.9	30907.5	-5804.8	358	6.8	41115.0	-5820.2
89	9.9	11004.0	-5807.8	179	10.6	15449.1	-5848.2	269	9.0	30907.5	-5810.3	359	8.7	41204.5	-5803.5
90	9.4	11015.0	-5841.3	180	10.6	15542.4	-5828.6	270	9.2	30920.0	-5810.3	360	9.2	41221.5	-5825.2
91	10.2	11043.5	-5851.8	181	9.9	15611.9	-5815.2	271	8.3	30957.5	-5818.0	361	10.0	41241.5	-5827.0
92	10.2	11307.0	-5811.1	182	8.2	15742.9	-5817.4	272	9.6	31000.5	-5805.4	362	9.5	41245.0	-5846.0
93	10.4	11423.0	-5808.1	183	9.0	15817.4	-5811.2	273	9.4	31126.5	-5824.9	363	9.8	41347.5	-5834.0
94	9.9	11452.5	-5856.9	184	7.9	15831.9	-5811.9	274	8.5	31230.0	-5817.0	364	9.1	41352.0	-5836.4
95	7.2	11500.8	-5800.4	185	10.2	15844.4	-5801.6	275	7.8	31553.5	-5826.1	365	9.8	41407.0	-5830.0

-58 366 4h14m

366 8.7 41458.0 -5807.4	456 8.0 50130.0 -5837.2	546 9.7 54056.5 -5848.3	636 9.6 60831.0 -5803.5
367 9.9 41504.5 -5854.5	457 9.5 50244.5 -5848.2	547 9.4 54121.0 -5848.9	637 8.2 60848.5 -5849.5
368 8.8 41521.5 -5827.8	458 9.5 50358.5 -5841.8	548 10.0 54219.5 -5839.5	638 9.6 60910.0 -5828.0
369 9.6 41534.5 -5809.2	459 8.5 50406.0 -5821.9	549 10.0 54222.5 -5805.0	639 8.6 60914.5 -5815.5
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371 8.7 41615.0 -5843.0	461 9.8 50419.3 -5831.5	551 9.1 54228.5 -5819.7	641 9.1 60939.5 -5857.0
372 9.8 41659.0 -5802.0	462 9.7 50421.5 -5818.6	552 9.9 54250.0 -5818.7	642 10.0 61008.5 -5820.1
373 9.2 41719.5 -5814.5	463 9.1 50450.0 -5853.7	553 9.6 54305.5 -5811.9	643 8.3 61010.0 -5856.4
374 9.6 41830.7 -5858.7	464 9.6 50557.3 -5801.1	554 10.0 54313.5 -5807.3	644 10.0 61012.0 -5806.1
375 9.8 41909.0 -5824.0	465 9.4 50618.5 -5857.8	555 9.9 54334.5 -5829.9	645 9.7 61037.5 -5804.1
376 10.0 42020.0 -5800.0	466 9.4 50641.7 -5828.2	556 9.8 54338.5 -5809.8	646 10.0 61053.5 -5850.5
377 9.6 42027.0 -5833.0	467 9.7 50659.5 -5806.5	557 10.0 54414.5 -5831.1	647 9.6 61104.5 -5839.0
378 9.2 42059.0 -5837.3	468 9.2 50701.0 -5845.8	558 9.4 54420.5 -5831.9	648 10.0 61121.0 -5855.4
379 9.6 42228.0 -5824.0	469 9.4 50718.5 -5828.6	559 10.0 54421.5 -5809.9	649 9.2 61137.5 -5837.1
380 9.2 42300.0 -5802.0	470 9.6 50732.5 -5825.2	560 8.5 54428.0 -5849.2	650 9.0 61154.5 -5835.5
381 9.4 42307.5 -5806.8	471 9.6 50739.5 -5828.0	561 9.9 54428.5 -5809.3	651 8.4 61159.0 -5847.3
382 9.8 42420.5 -5820.0	472 9.6 50742.5 -5829.5	562 9.9 54444.0 -5851.3	652 9.7 61207.5 -5838.5
383 9.6 42447.0 -5822.6	473 9.6 50818.5 -5850.4	563 9.6 54458.5 -5821.1	653 9.0 61235.0 -5834.5
384 9.9 42448.0 -5858.6	474 8.4 50827.5 -5838.3	564 9.2 54502.3 -5809.8	654 9.9 61312.0 -5854.1
385 9.5 42500.5 -5832.0	475 9.8 50838.0 -5810.0	565 9.2 54502.5 -5814.1	655 9.5 61341.0 -5846.0
386 9.1 42500.5 -5814.0	476 9.4 50954.5 -5854.5	566 9.5 54503.5 -5850.3	656 9.4 61342.5 -5817.1
387 9.2 42557.0 -5838.0	477 9.6 51052.5 -5802.1	567 9.1 54510.5 -5808.9	657 10.0 61417.0 -5850.1
388 9.8 42704.5 -5823.0	478 9.1 51104.5 -5850.2	568 9.7 54515.0 -5817.8	658 10.0 61429.5 -5841.9
389 9.9 42718.5 -5838.3	479 8.1 51125.5 -5842.0	569 9.5 54555.5 -5821.2	659 9.5 61433.5 -5854.3
390 9.0 42818.5 -5826.8	480 8.9 51129.5 -5817.4	570 10.0 54604.5 -5819.1	660 10.0 61507.0 -5853.1
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393 8.8 42902.5 -5844.9	483 9.5 51348.0 -5859.2	573 9.2 54728.5 -5842.3	663 10.0 61533.0 -5854.6
394 9.2 43011.0 -5810.6	484 8.9 51350.0 -5851.2	574 10.0 54732.3 -5828.4	664 8.9 61544.5 -5828.4
395 9.1 43017.0 -5800.7	485 9.1 51407.0 -5838.7	575 10.0 54743.5 -5847.3	665 9.2 61551.5 -5800.9
396 8.8 43024.5 -5855.1	486 9.4 51548.7 -5857.9	576 9.3 54745.0 -5805.4	666 8.3 61558.5 -5845.5
397 9.2 43105.0 -5840.7	487 8.9 51703.0 -5853.9	577 9.7 54805.9 -5800.2	667 10.0 61631.5 -5839.2
398 9.7 43131.6 -5800.7	488 9.7 51731.5 -5849.4	578 10.0 54832.0 -5854.9	668 10.0 61653.5 -5844.1
399 9.2 43133.1 -5800.7	489 9.4 51757.5 -5842.1	579 9.4 54841.5 -5820.9	669 10.0 61655.8 -5844.1
400 9.4 43154.0 -5817.8	490 9.7 51822.5 -5805.0	580 10.0 54938.3 -5847.3	670 9.0 61715.0 -5800.1
401 8.8 43221.7 -5829.8	491 9.4 51843.5 -5849.9	581 9.0 54946.0 -5845.3	671 10.1 61720.5 -5836.4
402 9.0 43233.5 -5851.1	492 9.6 51857.5 -5843.1	582 10.0 54951.0 -5839.0	672 8.9 61722.2 -5833.9
403 8.8 43234.0 -5852.0	493 8.8 51915.5 -5813.7	583 9.4 54955.0 -5828.2	673 10.0 61750.5 -5840.7
404 9.8 43241.5 -5840.8	494 9.4 51959.5 -5829.6	584 10.0 55002.9 -5800.7	674 9.9 61809.2 -5814.4
405 9.8 43248.5 -5846.0	495 9.8 52003.5 -5830.2	585 9.7 55009.5 -5847.5	675 10.0 61814.5 -5828.1
406 9.8 43351.5 -5819.7	496 9.7 52004.5 -5837.4	586 9.6 55032.5 -5859.1	676 9.0 61818.2 -5813.6
407 9.8 43520.5 -5817.9	497 9.8 52010.5 -5807.9	587 9.8 55038.5 -5814.0	677 10.0 61819.5 -5835.5
408 9.8 43523.0 -5857.0	498 9.4 52019.5 -5826.5	588 9.7 55120.0 -5852.3	678 9.2 61852.5 -5844.9
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410 7.8 43557.0 -5826.9	500 8.8 52145.0 -5805.9	590 10.0 55137.5 -5819.5	680 9.6 61917.0 -5859.3
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412 9.6 43644.0 -5813.8	502 8.1 52202.0 -5812.4	592 10.0 55233.5 -5859.1	682 9.4 61938.5 -5804.5
413 9.6 43718.5 -5817.5	503 9.4 52207.5 -5828.7	593 8.4 55303.0 -5810.1	683 9.5 62004.5 -5856.3
414 8.5 43942.0 -5815.4	504 9.4 52215.5 -5819.5	594 9.5 55339.0 -5833.1	684 9.5 62007.5 -5826.5
415 9.6 44008.0 -5841.6	505 9.8 52221.0 -5816.3	595 10.0 55443.5 -5841.5	685 9.8 62008.0 -5824.9
416 9.8 44025.0 -5847.6	506 8.0 52253.0 -5816.7	596 9.8 55509.0 -5852.1	686 9.8 62030.5 -5856.7
417 9.2 44049.5 -5833.1	507 9.5 52321.0 -5811.5	597 9.4 55601.5 -5825.1	687 10.0 62112.5 -5857.9
418 9.8 44131.5 -5804.7	508 9.7 52333.5 -5852.2	598 10.0 55610.5 -5833.9	688 9.9 62119.5 -5856.1
419 8.8 44133.5 -5847.1	509 7.3 52410.0 -5840.0	599 10.0 55640.0 -5816.9	689 10.1 62132.0 -5839.0
420 9.8 44145.0 -5848.5	510 8.4 52443.5 -5820.5	600 8.2 55705.0 -5816.6	690 8.6 62138.0 -5806.8
421 8.7 44210.0 -5852.8	511 9.4 52453.0 -5849.2	601 9.3 55800.5 -5817.6	691 10.0 62141.0 -5801.6
422 9.8 44213.5 -5846.9	512 8.8 52501.5 -5838.0	602 7.1 55840.5 -5806.5	692 6.9 62153.5 -5828.5
423 9.8 44242.5 -5831.4	513 9.6 52503.5 -5820.0	603 10.0 55841.5 -5835.0	693 9.5 62227.5 -5825.7
424 9.2 44518.5 -5817.8	514 9.6 52513.5 -5846.3	604 9.9 55845.0 -5833.1	694 9.4 62249.5 -5855.2
425 8.7 44543.5 -5834.8	515 9.7 52626.5 -5822.9	605 10.0 55859.5 -5807.3	695 10.1 62307.0 -5832.3
426 9.0 44602.5 -5857.3	516 8.7 52630.5 -5820.8	606 9.9 55929.5 -5811.3	696 10.0 62325.5 -5810.2
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428 9.8 44625.5 -5852.9	518 9.4 52748.5 -5843.0	608 9.8 60020.0 -5824.9	698 8.8 62335.0 -5832.8
429 9.5 44743.0 -5828.9	519 8.8 52817.5 -5838.2	609 8.5 60020.0 -5812.9	699 10.1 62358.5 -5846.9
430 8.9 44805.5 -5844.1	520 9.6 52848.5 -5837.9	610 10.0 60056.5 -5806.3	700 9.6 62404.0 -5820.6
431 9.2 44826.5 -5821.4	521 9.4 53008.0 -5820.8	611 9.8 60154.0 -5809.0	701 10.0 62414.0 -5843.0
432 9.8 44851.5 -5816.0	522 9.6 53049.0 -5831.0	612 9.7 60158.0 -5853.0	702 9.5 62414.5 -5852.4
433 9.2 44853.0 -5830.3	523 9.6 53123.0 -5851.1	613 10.0 60212.0 -5836.1	703 9.9 62422.0 -5824.0
434 9.8 44935.0 -5828.7	524 9.6 53201.5 -5822.2	614 9.3 60213.0 -5811.1	704 9.2 62434.5 -5853.8
435 9.8 45013.3 -5859.0	525 9.2 53248.5 -5822.8	615 8.8 60250.0 -5811.7	705 8.0 62448.0 -5808.8
436 8.8 45028.5 -5802.1	526 7.8 53313.0 -5857.0	616 8.4 60313.0 -5848.9	706 9.4 62452.5 -5845.3
437 6.6 45250.5 -5844.8	527 9.6 53349.0 -5849.5	617 10.0 60408.0 -5828.6	707 8.4 62454.7 -5856.7
438 9.8 45353.0 -5849.6	528 9.4 53356.0 -5829.9	618 8.6 60439.0 -5856.1	708 8.9 62559.0 -5803.9
439 8.9 45359.0 -5839.4	529 9.6 53417.5 -5842.9	619 8.8 60450.0 -5845.9	709 9.1 62604.0 -5819.2
440 7.2 45502.0 -5815.9	530 9.4 53456.5 -5856.8	620 9.5 60450.7 -5802.0	710 10.0 62607.0 -5847.0
441 7.4 45553.0 -5809.5	531 9.8 53503.5 -5817.9	621 10.0 60513.5 -5817.1	711 10.0 62624.6 -5815.9
442 8.2 45558.5 -5823.8	532 9.6 53533.0 -5834.8	622 9.4 60519.5 -5847.1	712 8.7 62629.5 -5816.2
443 9.4 45617.0 -5853.9	533 9.2 53547.5 -5823.9	623 8.5 60535.0 -5845.1	713 9.2 62648.0 -5837.2
444 9.8 45640.5 -5818.3	534 9.1 53550.0 -5851.3	624 10.0 60542.5 -5845.1	714 8.7 62658.0 -5819.6
445 9.6 45651.0 -5808.7	535 8.5 53643.5 -5820.4	625 10.0 60611.5 -5812.4	715 10.0 62701.5 -5803.2
446 9.4 45705.5 -5851.1	536 9.0 53729.5 -5809.8	626 10.0 60617.5 -5813.1	716 10.0 62718.5 -5824.6
447 9.4 45724.0 -5829.4	537 9.2 53809.0 -5821.6	627 9.1 60618.5 -5829.4	717 9.5 62801.5 -5842.0
448 9.0 45737.0 -5825.2	538 9.2 53830.5 -5810.9	628 8.9 60624.0 -5857.1	718 8.1 62915.5 -5855.0
449 9.4 45740.0 -5850.4	539 9.6 53852.0 -5857.9	629 9.0 60642.5 -5827.8	719 10.1 62933.5 -5858.0
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452 8.6 45934.5 -5841.8	542 9.2 53939.5 -5801.9	632 9.8 60719.0 -5849.4	722 5.4 63006.0 -5839.8
453 9.8 50001.5 -5805.0	543 9.7 54023.5 -5808.4	633 9.2 60805.0 -5824.3	723 9.5 63013.0 -5806.2
454 9.2 50120.0 -5841.9	544 9.2 54051.5 -5837.4	634 9.9 60825.5 -5816.0	724 9.5 63016.5 -5802.0
455 8.9 50123.0 -5816.6	545 9.9 54052.5 -5839.0	635 9.8 60828.5 -5809.0	725 10.1 63022.0 -5811.0

-58 725 6h30m

-58 726 6h30m

726	9.6	63033.0	-5852.2
727	9.7	63039.0	-5836.2
728	9.2	63109.5	-5856.8
729	10.0	63118.5	-5834.3
730	9.5	63146.5	-5832.9
731	9.5	63147.0	-5808.5
732	10.0	63215.5	-5811.4
733	9.9	63231.0	-5858.5
734	10.1	63237.5	-5802.1
735	9.5	63238.0	-5842.3
736	10.0	63246.5	-5808.5
737	10.0	63250.5	-5808.9
738	9.1	63328.0	-5812.9
739	9.0	63336.0	-5859.0
740	8.7	63337.5	-5806.5
741	8.6	63358.8	-5802.7
742	7.6	63444.0	-5818.1
743	9.6	63503.0	-5821.1
744	7.8	63529.0	-5804.5
745	10.0	63548.5	-5803.5
746	8.0	63629.5	-5813.6
747	10.0	63629.5	-5814.7
748	7.9	63706.5	-5843.3
749	9.6	63730.5	-5820.7
750	9.8	63828.0	-5804.9
751	8.9	63915.0	-5806.8
752	10.0	63918.5	-5814.8
753	9.8	63927.0	-5837.6
754	10.0	63935.0	-5804.5
755	9.8	63941.5	-5839.0
756	9.5	63949.0	-5858.0
757	10.0	64006.5	-5837.7
758	9.6	64007.5	-5806.3
759	8.4	64021.0	-5803.6
760	9.2	64024.5	-5835.8
761	10.0	64028.0	-5821.7
762	8.6	64056.0	-5821.4
763	10.0	64117.5	-5855.0
764	10.0	64147.0	-5828.6
765	9.2	64202.0	-5835.9
766	10.0	64220.5	-5815.8
767	8.4	64240.5	-5844.2
768	9.1	64315.0	-5804.0
769	9.5	64318.5	-5856.1
770	9.7	64329.5	-5852.7
771	10.0	64335.0	-5840.6
772	10.0	64344.0	-5813.8
773	9.5	64356.5	-5842.4
774	9.4	64359.0	-5845.7
775	10.0	64359.5	-5842.9
776	8.5	64442.0	-5831.0
777	10.0	64529.5	-5812.3
778	9.5	64558.5	-5807.7
779	7.9	64638.0	-5819.5
780	9.5	64719.0	-5804.7
781	9.4	64728.0	-5805.7
782	10.1	64742.0	-5811.6
783	9.4	64801.5	-5850.3
784	9.9	64822.0	-5807.1
785	9.5	64829.0	-5836.6
786	9.9	64836.0	-5803.7
787	10.0	64920.5	-5858.9
788	7.6	64933.0	-5810.6
789	10.0	64950.0	-5829.0
790	9.9	65048.0	-5857.4
791	9.5	65120.5	-5811.9
792	9.6	65123.0	-5826.2
793	9.8	65131.5	-5845.9
794	9.6	65202.0	-5817.9
795	9.6	65240.8	-5833.5
796	9.5	65257.0	-5841.9
797	8.7	65309.5	-5846.4
798	9.4	65317.0	-5809.9
799	9.4	65317.3	-5800.8
800	9.1	65345.2	-5810.8
801	8.8	65349.2	-5814.7
802	9.4	65404.0	-5804.9
803	9.4	65504.2	-5859.7
804	9.4	65542.0	-5842.5
805	9.6	65633.0	-5801.0
806	9.3	65641.5	-5849.2
807	7.8	65703.0	-5820.5
808	9.1	65709.0	-5836.6
809	8.9	65709.5	-5833.2
810	8.7	65722.0	-5826.0
811	8.9	65726.0	-5832.7
812	9.4	65755.5	-5854.8
813	9.3	65819.5	-5806.1
814	9.1	65824.0	-5818.8
815	9.3	65824.5	-5848.5
816	7.9	65831.8	-5812.8
817	9.3	65837.5	-5848.4
818	9.4	65904.5	-5839.4
819	9.4	65907.5	-5843.5
820	6.9	65908.5	-5845.9
821	9.3	65910.0	-5841.9
822	9.4	65922.8	-5824.1
823	9.3	70023.0	-5852.9
824	9.4	70059.8	-5855.9
825	9.4	70102.0	-5842.7
826	6.0	70119.7	-5859.6
827	8.9	70124.0	-5822.0
828	9.4	70133.0	-5848.0
829	9.1	70148.5	-5839.0
830	9.4	70209.0	-5847.5
831	9.4	70219.0	-5806.9
832	9.4	70228.0	-5847.0
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834	9.4	70234.0	-5807.3
835	7.9	70234.5	-5838.3
836	9.4	70244.0	-5804.4
837	9.3	70255.5	-5834.3
838	9.4	70316.5	-5822.1
839	9.3	70345.5	-5841.2
840	9.3	70404.0	-5812.8
841	8.9	70411.0	-5817.1
842	9.4	70414.0	-5815.7
843	9.4	70425.5	-5806.2
844	9.4	70425.5	-5835.3
845	9.4	70430.0	-5858.2
846	9.4	70430.5	-5858.6
847	8.9	70432.5	-5854.5
848	8.7	70443.0	-5811.0
849	9.4	70458.5	-5800.5
850	9.2	70529.0	-5856.1
851	9.4	70559.8	-5800.5
852	7.9	70621.5	-5810.2
853	9.4	70645.0	-5814.0
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855	8.8	70708.0	-5853.2
856	9.3	70736.5	-5801.1
857	9.4	70754.0	-5854.0
858	9.4	70755.0	-5844.4
859	9.3	70759.0	-5851.2
860	8.6	70810.0	-5847.0
861	9.0	70821.5	-5832.5
862	8.4	70849.0	-5839.0
863	9.4	70855.0	-5845.5
864	9.0	70908.0	-5811.4
865	9.4	70908.8	-5811.2
866	9.3	70944.0	-5834.9
867	8.2	70949.0	-5838.3
868	9.4	71000.5	-5848.5
869	8.1	71012.0	-5811.5
870	8.7	71028.0	-5801.5
871	8.8	71048.5	-5816.3
872	9.4	71048.5	-5852.3
873	9.3	71050.5	-5838.5
874	9.4	71053.5	-5813.7
875	9.4	71058.3	-5816.1
876	9.4	71108.3	-5844.6
877	9.1	71135.0	-5810.7
878	9.2	71200.0	-5836.2
879	9.1	71204.0	-5829.0
880	9.3	71218.5	-5801.9
881	9.4	71232.5	-5809.2
882	9.4	71238.3	-5855.8
883	8.7	71239.0	-5856.0
884	9.3	71254.5	-5829.9
885	7.4	71323.0	-5819.3
886	9.4	71329.0	-5849.1
887	8.6	71336.5	-5835.0
888	9.4	71417.0	-5858.4
889	9.4	71428.5	-5857.0
890	9.2	71444.0	-5804.3
891	9.4	71448.5	-5822.0
892	9.4	71523.5	-5803.5
893	8.7	71551.0	-5846.0
894	8.7	71612.0	-5840.0
895	9.4	71709.0	-5831.4
896	9.4	71732.0	-5849.0
897	8.4	71818.5	-5855.9
898	9.3	71819.0	-5815.2
899	7.5	71832.0	-5826.1
900	8.6	71842.0	-5812.0
901	9.4	71852.5	-5806.9
902	9.4	71914.5	-5834.4
903	9.3	71926.0	-5812.7
904	9.1	72004.5	-5846.8
905	9.0	72012.0	-5829.6
906	9.4	72028.3	-5801.5
907	8.0	72043.5	-5840.2
908	9.4	72118.0	-5827.0
909	7.4	72200.0	-5815.0
910	9.3	72319.5	-5816.4
911	9.1	72322.5	-5849.6
912	8.8	72341.5	-5847.4
913	9.0	72500.5	-5844.6
914	9.4	72509.0	-5850.2
915	9.4	72541.5	-5814.7
916	8.4	72610.5	-5816.6
917	8.2	72622.5	-5808.9
918	9.1	72638.0	-5835.9
919	9.0	72733.5	-5828.9
920	9.4	72738.0	-5804.7
921	9.4	72745.0	-5837.9
922	9.4	72757.0	-5819.9
923	9.4	72802.0	-5816.6
924	9.7	72835.0	-5816.5
925	9.0	72835.5	-5811.1
926	9.2	72839.5	-5856.8
927	9.7	72845.5	-5816.0
928	9.3	72859.5	-5829.0
929	9.6	72919.3	-5813.0
930	9.7	72938.0	-5832.9
931	9.7	72955.0	-5847.5
932	9.5	73019.0	-5855.3
933	9.2	73031.2	-5850.3
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935	8.4	73120.5	-5855.5
936	9.7	73155.5	-5829.8
937	9.7	73200.0	-5840.9
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940	8.8	73229.5	-5822.7
941	9.7	73239.5	-5840.0
942	9.6	73245.5	-5815.5
943	9.1	73246.0	-5856.9
944	9.6	73249.5	-5819.7
945	9.4	73336.5	-5829.9
946	9.6	73338.5	-5813.9
947	8.2	73415.5	-5805.8
948	9.7	73425.5	-5848.9
949	9.5	73442.5	-5806.9
950	8.7	73527.0	-5839.3
951	9.7	73528.5	-5827.8
952	9.0	73545.5	-5825.5
953	9.4	73610.5	-5812.9
954	8.4	73618.5	-5820.5
955	9.6	73627.5	-5816.6
956	9.6	73653.0	-5827.4
957	9.5	73747.5	-5847.8
958	8.3	73755.5	-5856.2
959	9.3	73756.0	-5824.5
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962	9.3	73832.5	-5800.5
963	7.6	73836.0	-5834.6
964	9.1	73919.0	-5822.6
965	9.4	73931.5	-5826.8
966	9.3	73935.0	-5836.5
967	6.4	73953.0	-5819.9
968	8.8	73959.0	-5817.1
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972	9.6	74032.0	-5812.9
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982	9.4	74224.0	-5813.9
983	9.4	74234.5	-5839.3
984	8.2	74244.0	-5839.0
985	9.6	74254.0	-5846.4
986	8.1	74315.0	-5838.9
987	8.9	74329.0	-5817.5
988	9.0	74338.0	-5828.5
989	9.3	74339.0	-5859.5
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991	10.2	74433.9	-5801.9
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994	8.8	74458.0	-5846.0
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996	9.6	74523.0	-5816.5
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1011	9.0	74841.0	-5851.6
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1013	8.8	74941.5	-5840.5
1014	9.2	75028.0	-5818.6
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1023	9.3	75258.0	-5809.9
1024	9.6	75322.0	-5857.0
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1028	7.7	75429.5	-5847.4
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1037	9.7	75843.5	-5853.7
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1068	9.6	80733.0	-5840.5
1069	9.5	80817.0	-5816.8
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1076	9.4	80950.5	-5838.3
1077	9.1	81004.5	-5836.9
1078	9.6	81044.0	-5804.0
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1080	8.4	81111.0	-5814.3
1081	9.6	81128.5	-5851.9
1082	8.4	81130.0	-5810.2
1083	9.6	81140.5	-5814.7
1084	9.1	81210.0	-5826.9
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1086	9.6	81240.0	-5816.3	1176	9.6	83829.0	-5837.0	1266	9.3	85025.0	-5847.6
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1092	9.5	81354.0	-5812.1	1182	9.0	83925.5	-5805.1	1272	9.9	85053.0	-5840.3
1093	7.1	81456.0	-5818.5	1183	9.2	83939.6	-5803.0	1273	9.9	85057.5	-5849.9
1094	9.6	81514.0	-5847.5	1184	10.0	83946.2	-5802.7	1274	9.1	85104.0	-5842.5
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1099	9.4	81645.5	-5852.5	1189	9.6	84047.5	-5852.6	1279	10.0	85142.5	-5843.5
1100	8.3	81703.5	-5829.8	1190	9.2	84048.5	-5855.9	1280	9.9	85144.0	-5845.7
1101	9.6	81828.3	-5856.9	1191	8.9	84058.5	-5816.8	1281	9.3	85148.0	-5824.5
1102	8.1	81916.0	-5819.3	1192	9.9	84107.5	-5827.6	1282	9.8	85149.0	-5859.9
1103	9.5	81939.5	-5826.3	1193	9.6	84109.0	-5808.6	1283	9.6	85149.5	-5833.1
1104	8.8	81945.0	-5823.9	1194	10.0	84115.2	-5858.8	1284	9.8	85153.5	-5856.9
1105	9.2	81949.0	-5819.2	1195	9.9	84119.5	-5805.4	1285	8.3	85205.0	-5812.7
1106	9.6	81949.5	-5837.6	1196	9.8	84130.5	-5810.7	1286	9.7	85209.0	-5824.5
1107	9.2	81954.0	-5809.0	1197	8.6	84139.0	-5834.6	1287	9.7	85220.5	-5821.1
1108	9.6	82029.0	-5806.6	1198	9.8	84140.5	-5808.5	1288	10.0	85225.0	-5834.0
1109	9.6	82042.0	-5848.7	1199	10.0	84143.7	-5810.6	1289	9.8	85231.5	-5836.4
1110	9.1	82104.0	-5804.0	1200	9.5	84145.5	-5851.9	1290	10.0	85244.0	-5857.9
1111	9.6	82105.5	-5803.2	1201	9.3	84202.8	-5816.8	1291	10.0	85249.0	-5802.6
1112	9.6	82123.0	-5819.0	1202	6.6	84206.5	-5816.0	1292	8.7	85251.2	-5856.7
1113	9.6	82129.5	-5809.0	1203	10.0	84207.5	-5815.1	1293	10.0	85253.7	-5836.0
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1120	9.2	82259.5	-5832.4	1210	9.6	84244.5	-5826.1	1300	10.0	85350.7	-5819.5
1121	9.2	82303.5	-5849.6	1211	9.4	84259.0	-5828.1	1301	4.8	85355.0	-5844.7
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1123	9.5	82320.5	-5839.0	1213	9.9	84318.5	-5851.9	1303	8.8	85359.0	-5839.1
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-58 1446 9h11m

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-58 1805 9h57m

1806	9.4	95729.0	-5825.0	1896	9.5	100142.0	-5831.4	1986	9.7	100745.5	-5805.6
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1815	10.0	95753.0	-5830.5	1905	10.0	100218.0	-5818.0	1995	10.0	100830.5	-5820.9
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1817	10.0	95806.0	-5845.0	1907	10.0	100226.5	-5853.7	1997	10.0	100833.5	-5817.1
1818	9.8	95806.5	-5825.0	1908	10.0	100230.0	-5844.1	1998	10.0	100836.0	-5804.2
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1821	10.0	95812.5	-5823.9	1911	9.2	100246.0	-5838.4	2001	10.0	100841.0	-5810.9
1822	9.8	95819.0	-5838.9	1912	9.0	100246.0	-5815.8	2002	10.0	100841.5	-5815.1
1823	9.7	95828.0	-5837.9	1913	10.0	100249.0	-5821.3	2003	10.0	100842.5	-5808.9
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1825	9.5	95833.0	-5801.0	1915	10.0	100253.5	-5854.3	2005	9.8	100843.5	-5839.3
1826	10.0	95840.0	-5828.0	1916	9.2	100300.0	-5811.8	2006	10.0	100848.0	-5812.9
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1846	10.0	95912.0	-5842.9	1936	10.0	100422.0	-5832.9	2026	10.0	101039.0	-5850.6
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1849	10.0	95915.0	-5820.9	1939	10.0	100438.5	-5841.9	2029	10.0	101050.0	-5858.0
1850	10.0	95915.5	-5850.4	1940	10.0	100441.0	-5800.1	2030	10.0	101052.0	-5808.0
1851	9.8	95915.5	-5851.4	1941	10.0	100443.5	-5822.4	2031	8.9	101053.5	-5808.8
1852	9.9	95929.0	-5820.3	1942	10.0	100449.5	-5832.3	2032	10.0	101054.0	-5812.6
1853	10.0	95936.5	-5823.9	1943	10.0	100449.5	-5836.8	2033	9.1	101101.0	-5807.0
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1855	10.0	95941.0	-5834.1	1945	10.0	100455.0	-5839.9	2035	10.0	101104.0	-5802.4
1856	8.2	95949.5	-5853.2	1946	9.4	100455.5	-5828.1	2036	10.0	101104.0	-5849.1
1857	10.0	95954.5	-5811.2	1947	10.0	100503.5	-5816.1	2037	9.8	101104.5	-5830.9
1858	9.7	95956.0	-5847.2	1948	9.3	100505.0	-5837.7	2038	9.4	101109.7	-5857.1
1859	9.8	100000.0	-5837.0	1949	9.6	100508.5	-5802.0	2039	10.0	101110.0	-5819.0
1860	8.6	100002.0	-5846.4	1950	10.0	100513.1	-5802.7	2040	10.0	101111.0	-5846.8
1861	10.0	100002.0	-5809.9	1951	10.0	100516.0	-5848.2	2041	9.9	101119.0	-5828.1
1862	10.0	100011.0	-5824.1	1952	10.0	100521.0	-5827.0	2042	10.0	101122.0	-5854.4
1863	10.0	100013.2	-5858.9	1953	9.4	100532.5	-5817.4	2043	10.0	101149.0	-5834.9
1864	8.4	100014.5	-5837.0	1954	10.0	100535.5	-5808.6	2044	9.9	101155.0	-5826.0
1865	9.0	100019.5	-5803.5	1955	9.5	100542.0	-5832.1	2045	10.0	101203.5	-5824.1
1866	9.5	100019.5	-5846.0	1956	9.8	100544.5	-5852.4	2046	10.0	101206.0	-5819.0
1867	9.9	100022.5	-5826.0	1957	9.8	100548.5	-5823.5	2047	10.0	101206.2	-5800.3
1868	10.0	100029.5	-5832.1	1958	10.0	100549.5	-5830.1	2048	10.5	101209.5	-5800.9
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1870	9.2	100035.5	-5816.2	1960	8.8	100601.5	-5835.4	2050	10.0	101219.0	-5828.0
1871	8.8	100035.5	-5804.0	1961	10.0	100604.0	-5817.1	2051	10.0	101220.0	-5859.1
1872	9.9	100039.5	-5833.0	1962	10.0	100605.0	-5845.3	2052	10.0	101220.9	-5801.7
1873	10.0	100041.5	-5850.2	1963	9.8	100605.5	-5816.9	2053	10.0	101225.5	-5827.1
1874	10.0	100045.5	-5844.1	1964	9.5	100610.5	-5841.6	2054	10.0	101233.5	-5815.9
1875	9.6	100045.5	-5842.7	1965	10.0	100615.0	-5841.2	2055	8.6	101241.0	-5800.6
1876	9.8	100046.0	-5834.0	1966	9.9	100640.0	-5847.1	2056	9.8	101248.5	-5853.1
1877	9.5	100052.0	-5826.9	1967	7.7	100641.0	-5832.2	2057	10.0	101253.5	-5841.5
1878	9.3	100054.5	-5805.3	1968	10.0	100643.7	-5807.0	2058	10.0	101254.5	-5804.3
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1881	10.0	100100.0	-5836.3	1971	9.3	100700.5	-5854.5	2061	10.0	101304.0	-5831.2
1882	9.8	100100.0	-5814.8	1972	10.5	100705.2	-5800.9	2062	10.0	101309.5	-5834.0
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1884	10.0	100108.0	-5805.2	1974	9.1	100710.5	-5827.1	2064	10.5	101314.2	-5802.0
1885	10.0	100109.0	-5800.8	1975	9.6	100711.0	-5805.5	2065	8.5	101317.5	-5843.6
1886	9.1	100109.5	-5807.9	1976	10.0	100715.0	-5854.7	2066	10.0	101319.5	-5850.4
1887	9.7	100111.0	-5801.1	1977	9.8	100715.5	-5817.0	2067	10.0	101320.0	-5832.9
1888	10.0	100112.5	-5852.7	1978	9.5	100715.7	-5821.0	2068	10.0	101335.5	-5813.6
1889	9.5	100117.0	-5826.8	1979	8.2	100719.5	-5812.8	2069	8.9	101337.5	-5852.6
1890	10.0	100119.5	-5827.3	1980	8.9	100728.0	-5813.3	2070	10.0	101338.5	-5815.7
1891	10.0	100128.0	-5823.8	1981	10.0	100730.5	-5832.0	2071	9.6	101339.0	-5845.7
1892	9.2	100129.5	-5827.1	1982	8.9	100732.0	-5813.5	2072	10.0	101342.5	-5813.1
1893	10.0	100134.0	-5856.6	1983	10.0	100733.5	-5859.9	2073	9.8	101344.2	-5802.3
1894	10.0	100135.5	-5856.0	1984	8.1	100733.5	-5832.3	2074	9.3	101346.0	-5802.1
1895	9.5	100138.5	-5810.9	1985	8.6	100742.0	-5820.2	2075	10.0	101352.0	-5817.0
2076	9.7	101355.0	-5842.4								
2077	9.3	101400.5	-5841.8								
2078	9.5	101401.0	-5850.9								
2079	10.0	101403.5	-5848.5								
2080	10.0	101409.5	-5801.9								
2081	9.8	101412.5	-5840.0								
2082	10.0	101413.5	-5833.1								
2083	10.0	101421.0	-5838.5								
2084	10.0	101428.0	-5842.9								
2085	10.0	101432.0	-5826.4								
2086	10.0	101432.5	-5826.1								
2087	10.0	101438.5	-5812.1								
2088	8.7	101444.0	-5858.0								
2089	9.8	101454.0	-5805.0								
2090	9.5	101455.0	-5840.1								
2091	9.5	101458.0	-5854.2								
2092	10.0	101459.0	-5823.3								
2093	10.0	101508.0	-5807.4								
2094	9.3	101509.0	-5843.2								
2095	6.8	101516.0	-5831.1								
2096	10.0	101523.0	-5820.7								
2097	10.0	101523.0	-5842.1								
2098	9.2	101527.5	-5827.2								
2099	8.0	101533.5	-5847.4								
2100	10.0	101538.5	-5852.9								
2101	9.4	101539.0	-5823.1								
2102	10.0	101540.0	-5808.9								
2103	10.0	101544.0	-5839.4								
2104	9.5	101548.0	-5818.1								
2105	10.0	101549.0	-5808.8								
2106	9.8	101549.0	-5839.0								
2107	8.6	101551.5	-5855.2								
2108	10.0	101552.0	-5853.9								
2109	10.0	101556.0	-5844.9								
2110	9.6	101558.0	-5812.1								
2111	10.0	101604.0	-5814.2								
2112	10.0	101618.0	-5806.3								
2113	10.5	101618.8	-5800.6								
2114	9.5	101625.0	-5806.9								
2115	9.6	101625.0	-5810.8								
2116	9.5	101626.0	-5847.0								
2117	9.7	101630.0	-5807.0								
2118	9.8	101632.0	-5845.0								
2119	8.9	101633.0	-5845.5								
2120	9.6	101643.0	-5832.8								
2121	9.8	101652.0	-5840.7								
2122	10.0	101658.0	-5828.0								
2123	10.0	101659.0	-5806.0								
2124	10.5	101701.7	-5802.0								
2125	9.7	101703.0	-5804.5								
2126	10.0	101704.0	-5832.0								
2127	9.8	101704.5	-5806.8								
2128	10.0	101708.0	-5813.4								
2129	10.0	101709.5	-5846.1								
2130	10.0	101719.0	-5828.3								
2131	10.0	101723.5	-5859.9								
2132	10.0	101728.0	-5830.8								
2133	10.0	101728.5	-5834.7								
2134	10.0	101730.0	-5813.2								
2135	10.0	101731.0	-5843.0								
2136	8.1	101734.0	-5809.1								
2137	10.0	101737.0	-5812.5								
2138	9.5	101752.5	-5807.0								
2139	10.0	101753.5	-5812.8								
2140	10.0	101755.0	-5805.9								
2141	10.0	101808.0	-5813.2								
2142	10.0	101809.0	-5821.5								
2143	9.3	101813.0	-5853.3								
2144	10.0	101820.5	-5836.3								
2145	8.5	101828.2	-5859.7								
2146	10.0	101831.0	-5826.0								
2147	9.9	101832.0	-5839.0								
2148	9.2	101833.0	-5807.9								
2149	10.0	101833.0	-5808.5								
2150	10.0	101834.5	-5824.2								
2151	9.4	101839.0	-5823.3								
2152	10.0	101847.5	-5820.3								
2153	10.0	101848.5	-5823.0								
2154	9.9	101853.0	-5854.1								
2155	9.8	101853.5	-5844.7								
2156	8.5	101855.5	-5821.9								
2157	8.4	101905.0	-5801.6								
2158	10.0	101909.1	-5837.6								
2159	8.3	101914.5	-5834.4								
2160	10.0	101917.0	-5816.7								
2161	10.0	101917.5	-5835.0								
2162	8.7	101923.0	-5817.3								
2163	8.4	101928.0	-5852.9								
2164	10.0	101933.0	-5855.7								
2165	10.0	101955.0	-5858.6								

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2166	9.4	101958.0	-5846.2	2256	10.0	102511.0	-5838.9	2346	9.9	103058.0	-5814.8	2436	9.6	103324.0	-5829.8
2167	8.9	101959.0	-5811.9	2257	10.0	102523.5	-5806.0	2347	9.8	103103.5	-5845.1	2437	9.5	103324.0	-5838.4
2168	10.0	101959.0	-5843.2	2258	9.9	102524.5	-5852.0	2348	9.0	103104.7	-5857.3	2438	9.6	103324.5	-5807.8
2169	10.0	102001.0	-5831.0	2259	9.6	102525.5	-5808.7	2349	8.6	103106.0	-5822.3	2439	9.7	103325.0	-5825.0
2170	10.0	102005.1	-5825.5	2260	10.0	102525.5	-5840.9	2350	9.8	103108.5	-5806.2	2440	9.0	103329.0	-5830.6
2171	10.0	102005.5	-5838.8	2261	9.4	102533.5	-5815.9	2351	9.7	103109.5	-5808.8	2441	9.0	103329.0	-5829.0
2172	9.8	102017.5	-5822.5	2262	10.0	102539.5	-5821.9	2352	9.9	103110.5	-5812.6	2442	9.7	103329.0	-5831.2
2173	10.0	102022.0	-5806.5	2263	8.6	102543.5	-5822.7	2353	9.9	103111.0	-5816.3	2443	8.8	103333.0	-5814.7
2174	10.0	102030.0	-5827.8	2264	9.6	102543.5	-5817.9	2354	9.8	103111.0	-5854.6	2444	9.4	103335.5	-5807.0
2175	10.4	102030.2	-5801.0	2265	10.0	102548.5	-5820.4	2355	9.7	103112.5	-5805.2	2445	9.8	103336.0	-5845.1
2176	9.9	102033.0	-5810.3	2266	10.0	102552.5	-5811.9	2356	9.8	103114.5	-5833.4	2446	9.5	103336.0	-5853.2
2177	9.9	102033.0	-5813.6	2267	9.6	102600.5	-5803.0	2357	9.8	103114.5	-5818.2	2447	9.7	103339.0	-5831.8
2178	9.5	102040.5	-5839.0	2268	8.0	102624.5	-5804.0	2358	9.7	103118.0	-5815.9	2448	9.7	103339.0	-5853.2
2179	10.4	102041.2	-5800.6	2269	8.8	102627.0	-5836.6	2359	9.8	103118.5	-5840.0	2449	9.8	103339.0	-5806.4
2180	10.0	102043.0	-5801.3	2270	10.0	102634.5	-5847.7	2360	9.1	103119.5	-5828.9	2450	9.8	103341.0	-5839.7
2181	10.5	102043.2	-5800.0	2271	10.0	102639.0	-5849.9	2361	9.4	103119.5	-5845.7	2451	9.2	103343.0	-5830.6
2182	7.2	102045.0	-5814.3	2272	9.0	102648.5	-5839.4	2362	9.7	103120.5	-5804.8	2452	9.6	103344.0	-5831.5
2183	9.4	102050.0	-5812.5	2273	9.0	102650.5	-5852.9	2363	9.4	103122.5	-5853.8	2453	9.8	103345.0	-5848.2
2184	9.9	102051.5	-5807.1	2274	10.0	102712.5	-5804.6	2364	9.9	103123.0	-5851.2	2454	9.7	103348.0	-5807.8
2185	9.1	102053.0	-5815.4	2275	10.0	102713.5	-5825.4	2365	9.6	103129.5	-5831.7	2455	9.4	103349.0	-5842.3
2186	10.0	102053.0	-5801.0	2276	9.5	102715.2	-5855.4	2366	9.5	103132.0	-5830.5	2456	9.6	103350.0	-5837.2
2187	10.0	102059.5	-5825.3	2277	10.0	102715.5	-5840.7	2367	9.6	103134.5	-5844.2	2457	8.4	103352.0	-5828.3
2188	10.0	102059.8	-5801.0	2278	10.0	102732.0	-5827.0	2368	9.1	103135.5	-5810.1	2458	9.9	103354.0	-5830.2
2189	10.0	102103.5	-5808.3	2279	9.4	102744.0	-5805.7	2369	9.8	103138.0	-5804.5	2459	9.2	103358.5	-5821.0
2190	10.0	102109.0	-5818.0	2280	8.8	102746.0	-5857.8	2370	8.7	103139.5	-5823.2	2460	7.3	103400.0	-5831.8
2191	9.6	102115.0	-5817.8	2281	9.7	102746.5	-5805.1	2371	7.3	103139.5	-5855.0	2461	8.7	103400.0	-5804.5
2192	9.8	102115.0	-5838.4	2282	9.2	102750.5	-5835.0	2372	8.7	103140.5	-5818.2	2462	7.1	103400.0	-5836.6
2193	9.5	102119.0	-5809.7	2283	10.0	102759.5	-5814.6	2373	9.8	103141.0	-5839.2	2463	9.6	103401.5	-5831.2
2194	9.8	102120.0	-5809.0	2284	10.0	102800.5	-5816.0	2374	9.7	103142.2	-5857.8	2464	9.8	103402.5	-5832.4
2195	9.6	102127.5	-5821.6	2285	6.8	102807.0	-5801.5	2375	9.7	103143.0	-5843.8	2465	9.7	103403.0	-5820.8
2196	9.3	102129.0	-5837.1	2286	10.0	102810.5	-5828.0	2376	9.8	103148.5	-5858.3	2466	9.7	103403.0	-5825.2
2197	10.5	102129.2	-5800.6	2287	10.0	102818.5	-5849.7	2377	9.7	103149.0	-5848.2	2467	9.9	103403.0	-5806.2
2198	9.6	102132.5	-5807.0	2288	10.0	102820.5	-5840.5	2378	9.8	103149.5	-5855.2	2468	9.6	103405.0	-5814.2
2199	10.0	102134.1	-5804.4	2289	10.0	102828.5	-5855.9	2379	9.8	103149.5	-5838.2	2469	9.8	103408.0	-5803.2
2200	9.8	102135.0	-5851.0	2290	10.0	102830.5	-5833.3	2380	7.1	103150.0	-5832.5	2470	9.8	103409.5	-5823.1
2201	9.3	102139.0	-5805.6	2291	10.0	102838.5	-5837.6	2381	9.6	103150.5	-5832.1	2471	8.1	103412.5	-5837.0
2202	9.8	102148.0	-5853.0	2292	10.0	102838.5	-5814.4	2382	9.0	103151.5	-5811.4	2472	9.9	103413.0	-5851.4
2203	9.7	102153.0	-5812.7	2293	10.0	102840.5	-5809.0	2383	9.8	103153.0	-5846.7	2473	9.9	103413.0	-5836.5
2204	9.3	102156.5	-5849.1	2294	10.0	102845.5	-5823.2	2384	9.7	103153.5	-5826.8	2474	8.4	103413.5	-5810.0
2205	9.2	102158.0	-5800.4	2295	8.2	102848.5	-5846.5	2385	9.8	103154.0	-5850.2	2475	8.6	103415.5	-5809.9
2206	10.0	102206.0	-5816.0	2296	9.8	102855.0	-5833.9	2386	8.3	103156.0	-5842.4	2476	9.8	103418.5	-5808.0
2207	9.9	102207.5	-5857.8	2297	9.8	102855.5	-5826.0	2387	8.0	103156.8	-5831.1	2477	9.8	103419.0	-5832.3
2208	9.2	102210.0	-5811.4	2298	9.6	102858.5	-5822.7	2388	8.4	103159.5	-5839.6	2478	8.8	103419.0	-5807.1
2209	10.4	102210.7	-5800.2	2299	10.0	102859.0	-5856.7	2389	9.0	103201.0	-5831.5	2479	9.8	103421.0	-5823.1
2210	9.4	102211.5	-5815.0	2300	10.0	102900.5	-5850.9	2390	9.6	103203.0	-5829.4	2480	9.7	103423.0	-5854.9
2211	10.0	102214.0	-5836.0	2301	9.2	102903.5	-5848.0	2391	9.7	103205.0	-5853.4	2481	9.7	103425.0	-5845.9
2212	10.0	102216.0	-5805.4	2302	9.6	102909.5	-5812.8	2392	9.6	103210.0	-5818.1	2482	9.8	103425.0	-5811.8
2213	10.0	102229.0	-5832.5	2303	10.0	102910.0	-5848.9	2393	9.6	103210.5	-5818.8	2483	9.8	103426.5	-5843.2
2214	9.6	102236.5	-5809.1	2304	9.6	102910.0	-5838.8	2394	9.7	103211.0	-5821.8	2484	9.9	103429.0	-5830.6
2215	10.0	102241.5	-5840.4	2305	10.0	102912.5	-5819.1	2395	9.4	103214.0	-5837.0	2485	9.9	103434.5	-5842.4
2216	10.0	102242.1	-5833.9	2306	9.5	102913.5	-5848.2	2396	9.6	103214.0	-5809.1	2486	9.4	103439.0	-5856.2
2217	10.0	102243.0	-5836.0	2307	9.8	102922.0	-5853.8	2397	9.7	103216.0	-5816.2	2487	9.8	103440.5	-5807.8
2218	10.0	102245.5	-5837.2	2308	9.0	102925.5	-5828.2	2398	9.6	103219.0	-5814.2	2488	9.4	103442.5	-5808.4
2219	9.3	102247.5	-5832.8	2309	9.9	102928.5	-5849.2	2399	9.2	103219.0	-5840.1	2489	9.8	103445.0	-5841.2
2220	10.0	102251.0	-5801.7	2310	8.9	102929.5	-5821.9	2400	8.4	103220.0	-5819.0	2490	9.6	103449.0	-5849.4
2221	9.9	102252.0	-5854.5	2311	9.4	102929.5	-5809.6	2401	9.6	103222.5	-5827.2	2491	9.5	103449.0	-5813.9
2222	10.0	102302.5	-5815.9	2312	9.7	102930.0	-5850.1	2402	9.6	103228.2	-5802.0	2492	9.4	103450.0	-5814.2
2223	10.0	102303.5	-5823.0	2313	9.8	102933.5	-5807.1	2403	9.6	103229.0	-5806.4	2493	9.8	103450.5	-5827.0
2224	9.8	102305.5	-5828.0	2314	9.9	102939.5	-5818.1	2404	8.7	103232.0	-5835.3	2494	9.9	103452.5	-5815.1
2225	8.8	102309.5	-5838.9	2315	9.4	102941.0	-5813.6	2405	9.4	103232.0	-5803.4	2495	9.8	103454.0	-5824.8
2226	9.8	102314.5	-5845.5	2316	9.7	102943.0	-5852.6	2406	8.2	103238.0	-5831.8	2496	9.4	103454.0	-5845.0
2227	4.8	102317.5	-5806.3	2317	9.7	102943.5	-5816.6	2407	9.7	103238.0	-5857.5	2497	9.8	103454.0	-5850.2
2228	10.0	102321.5	-5812.3	2318	9.8	102947.5	-5817.7	2408	9.5	103238.5	-5814.2	2498	9.7	103457.0	-5841.2
2229	8.9	102323.5	-5843.0	2319	9.4	102950.0	-5803.8	2409	9.8	103239.0	-5856.2	2499	9.6	103457.5	-5807.6
2230	9.8	102326.0	-5819.5	2320	9.8	102950.5	-5855.2	2410	9.4	103239.0	-5840.2	2500	9.8	103457.5	-5845.1
2231	10.0	102328.1	-5801.6	2321	9.4	102952.5	-5835.5	2411	6.0	103241.0	-5805.2	2501	9.6	103458.0	-5824.8
2232	8.8	102339.5	-5835.2	2322	9.6	102959.5	-5844.8	2412	9.7	103242.5	-5856.8	2502	9.8	103501.0	-5810.0
2233	8.8	102340.5	-5839.5	2323	8.8	103001.0	-5826.5	2413	8.8	103245.0	-5827.8	2503	9.6	103503.0	-5810.1
2234	9.1	102343.5	-5842.7	2324	9.4	103002.5	-5831.6	2414	9.7	103247.0	-5849.8	2504	8.6	103503.0	-5819.9
2235	10.0	102343.5	-5808.6	2325	9.8	103003.0	-5818.2	2415	9.6	103248.5	-5828.2	2505	9.7	103507.0	-5831.2
2236	8.6	102356.5	-5812.8	2326	9.8	103008.0	-5850.1	2416	9.7	103248.5	-5856.2	2506	9.6	103507.0	-5839.8
2237	10.0	102358.5	-5806.6	2327	9.4	103011.0	-5850.0	2417	9.0	103252.0	-5839.2	2507	9.6	103508.0	-5853.5
2238	9.6	102403.5	-5817.9	2328	9.8	103014.0	-5805.2	2418	9.0	103256.0	-5828.9	2508	9.3	103509.2	-5859.5
2239	9.8	102409.0	-5809.0	2329	9.8	103019.5	-5838.1	2419	9.6	103257.0	-5851.7	2509	9.6	103510.0	-5821.8
2240	9.2	102409.5	-5820.7	2330	9.2	103022.4	-5800.8	2420	9.4	103258.5	-5820.1	2510	9.8	103511.5	-5858.1
2241	10.0	102411.0	-5822.9	2331	9.7	103028.5	-5848.2	2421	9.0	103259.5	-5827.2	2511	9.9	103515.0	-5844.1
2242	10.0	102413.5	-5822.9	2332	9.8	103029.5	-5840.2	2422	9.7	103300.0	-5801.3	2512	9.2	103515.5	-5844.2
2243	9.2	102421.5	-5809.1	2333	9.9	103029.5	-5838.4	2423	8.9	103300.5	-5850.8	2513	9.4	103522.0	-5826.4
2244	10.0	102430.5	-5849.1	2334	9.5	103032.5	-5852.9	2424	9.0	103300.5	-5818.8	2514	9.2	103524.5	-5820.4
2245	8.4	102433.5	-5858.3	2335	9.6	103033.0	-5853.0	2425	9.8	103301.5	-5806.6	2515	9.1	103526.0	-5845.4
2246	10.0	102435.5	-5840.7	2336	9.9	103033.5	-5837.4	2426	9.2	103303.0	-5847.6	2516	9.8	103526.0	-5804.7
2247	8.8	102436.0	-5831.9	2337	9.0	103039.5	-5857.3	2427	9.2	103305.0	-5828.2	2517	9.0	103527.5	-5805.6
2248	10.0	102442.0	-5845.8	2338	9.0	103039.9	-5859.5	2428	9.8	103308.0	-5841.6	2518	9.8	103534.0	-5851.8
2249	10.0	102444.0	-5828.8	2339	9.7	103044.0	-5808.2	2429	9.9	103309.0	-5826.0	2519	8.6	103536.5	-5817.8
2250	9.1	102450.5	-5835.0	2340	9.6	103044.0	-5834.0	2430	9.8	103310.0	-5805.2	2520	9.8	103544.0	-5822.2
2251	9.8	102500.0	-5837.1	2341	9.6	103045.0	-5836.2	2431	8.8	103313.5	-5845.2	2521	9.8	103544.0	-5843.8
2252	9.8	102503.5	-5827.7	2342	9.1	103052.5	-5809.5	2432	9.0	103318.0	-5846.2	2522	9.6	103544.5	-5855.3
2253	9.5	102505.5	-5833.0	2343	9.8	103052.5	-5852.2	2433	9.7	103319.0	-5833.8	2523	9.4	103547.5	-5853.4
2254	10.0	102508.5	-5837.5	2344	9.8	103054.5	-5853.4	2434	8.1	103319.0	-5825.4	2524	8.7	103548.5	-5853.4
2255	10.0	102508.5	-5819.8	2345	9.8	103055.0	-5804.2	2435	9.3	103319.0	-5807.7	2525	9.9	103553.0	-5844.7

-58 2525 10h35m

-58 2526 10h35m

-58 2885 10h52m

2526	9.9	103557.5	-5855.6	2616	9.9	103903.0	-5839.1	2706	9.6	104224.5	-5848.1
2527	9.9	103558.0	-5814.1	2617	8.4	103903.5	-5853.6	2707	9.9	104226.5	-5809.3
2528	9.9	103559.5	-5802.2	2618	8.4	103906.5	-5853.6	2708	9.2	104230.0	-5833.3
2529	9.6	103559.5	-5803.5	2619	9.8	103908.5	-5854.2	2709	9.7	104233.5	-5849.3
2530	9.9	103603.5	-5833.8	2620	9.2	103909.5	-5853.2	2710	9.7	104234.0	-5847.4
2531	9.9	103603.5	-5834.6	2621	9.8	103909.5	-5856.2	2711	9.8	104235.0	-5858.3
2532	9.7	103608.5	-5842.0	2622	9.8	103909.5	-5824.2	2712	9.1	104235.0	-5832.1
2533	9.0	103608.5	-5814.2	2623	9.2	103909.5	-5846.3	2713	9.9	104241.5	-5802.9
2534	9.8	103608.5	-5825.7	2624	9.2	103910.0	-5829.6	2714	9.2	104246.0	-5806.3
2535	9.9	103613.5	-5812.7	2625	9.8	103911.5	-5856.4	2715	8.6	104250.5	-5854.9
2536	9.7	103614.5	-5841.3	2626	9.8	103911.5	-5845.2	2716	9.7	104250.5	-5819.7
2537	9.9	103618.5	-5822.2	2627	9.5	103912.0	-5850.3	2717	8.5	104258.5	-5802.5
2538	8.2	103620.5	-5835.6	2628	9.0	103915.0	-5826.8	2718	9.9	104258.5	-5848.8
2539	9.6	103621.5	-5844.4	2629	9.9	103916.0	-5855.8	2719	9.8	104259.5	-5816.9
2540	8.5	103624.0	-5829.8	2630	9.8	103918.5	-5850.7	2720	9.0	104259.5	-5825.9
2541	9.6	103629.5	-5826.2	2631	7.8	103918.5	-5855.3	2721	9.8	104301.5	-5829.3
2542	9.2	103634.5	-5830.1	2632	9.7	103919.5	-5846.3	2722	8.3	104307.5	-5859.6
2543	8.8	103637.0	-5846.6	2633	9.9	103922.0	-5854.8	2723	9.8	104312.0	-5811.3
2544	9.9	103638.5	-5811.6	2634	9.6	103925.5	-5840.9	2724	9.9	104312.5	-5838.2
2545	9.0	103642.0	-5825.2	2635	9.8	103926.0	-5821.3	2725	9.8	104313.5	-5809.1
2546	8.8	103648.5	-5807.2	2636	9.8	103927.5	-5846.1	2726	9.7	104315.1	-5801.3
2547	9.9	103659.5	-5811.8	2637	8.8	103928.5	-5837.5	2727	9.6	104316.5	-5837.8
2548	9.2	103659.5	-5828.5	2638	9.8	103929.5	-5847.6	2728	9.8	104318.5	-5853.3
2549	9.7	103702.0	-5846.8	2639	9.6	103931.0	-5847.3	2729	9.6	104318.5	-5841.6
2550	9.7	103702.5	-5841.2	2640	9.7	103934.0	-5851.3	2730	9.7	104318.5	-5819.8
2551	9.7	103704.0	-5846.7	2641	9.8	103934.5	-5848.9	2731	9.7	104323.5	-5845.5
2552	9.0	103705.0	-5827.2	2642	9.8	103935.0	-5853.9	2732	9.3	104326.0	-5829.1
2553	9.0	103707.5	-5837.0	2643	9.7	103938.5	-5821.2	2733	9.0	104328.5	-5833.3
2554	9.8	103708.5	-5821.5	2644	9.4	103938.5	-5840.6	2734	8.7	104328.5	-5852.9
2555	9.1	103709.5	-5828.4	2645	9.4	103939.5	-5853.0	2735	9.6	104330.5	-5845.3
2556	9.9	103710.0	-5819.4	2646	9.8	103939.5	-5846.7	2736	9.6	104331.0	-5859.3
2557	9.8	103711.5	-5826.2	2647	9.8	103939.5	-5842.0	2737	9.9	104331.5	-5850.6
2558	9.8	103716.0	-5824.0	2648	9.9	103940.2	-5859.3	2738	9.1	104332.5	-5849.4
2559	9.6	103718.5	-5816.2	2649	9.0	103940.7	-5858.1	2739	9.7	104341.0	-5802.6
2560	9.2	103718.5	-5854.2	2650	9.9	103941.5	-5822.2	2740	9.7	104342.5	-5841.9
2561	8.9	103719.5	-5840.5	2651	9.6	103943.5	-5800.7	2741	9.6	104342.5	-5833.6
2562	9.7	103721.0	-5859.2	2652	8.6	103947.5	-5853.4	2742	9.9	104343.0	-5850.3
2563	9.2	103722.5	-5829.2	2653	9.5	103949.5	-5843.0	2743	9.4	104343.5	-5854.2
2564	9.0	103723.5	-5850.8	2654	9.7	103950.0	-5809.2	2744	9.3	104348.2	-5800.9
2565	8.8	103723.5	-5830.4	2655	9.7	103951.0	-5843.0	2745	9.8	104350.5	-5857.3
2566	9.7	103724.5	-5844.1	2656	9.1	103951.5	-5843.6	2746	9.9	104354.5	-5813.3
2567	8.8	103726.5	-5828.9	2657	9.6	103951.5	-5842.3	2747	8.0	104359.0	-5847.3
2568	9.8	103727.5	-5803.7	2658	9.7	103951.5	-5816.2	2748	9.4	104400.0	-5825.3
2569	9.9	103727.7	-5853.6	2659	8.2	103952.0	-5842.0	2749	9.2	104404.0	-5807.9
2570	8.8	103730.0	-5831.0	2660	9.8	103952.5	-5853.2	2750	9.0	104405.0	-5814.2
2571	9.6	103732.5	-5818.2	2661	7.7	103954.0	-5854.6	2751	9.8	104408.5	-5806.4
2572	9.8	103734.5	-5822.2	2662	9.9	103955.5	-5842.3	2752	9.9	104413.0	-5807.3
2573	8.8	103735.0	-5830.2	2663	9.3	103956.0	-5845.4	2753	9.9	104414.5	-5858.5
2574	8.8	103736.0	-5800.3	2664	9.0	104001.5	-5807.2	2754	9.0	104427.5	-5807.4
2575	8.7	103744.0	-5856.2	2665	9.2	104002.0	-5854.1	2755	5.9	104427.0	-5839.8
2576	9.6	103744.5	-5834.2	2666	9.7	104002.5	-5848.4	2756	9.4	104428.5	-5831.5
2577	9.8	103747.5	-5855.6	2667	9.9	104004.5	-5858.6	2757	9.9	104429.0	-5837.1
2578	9.5	103747.5	-5805.5	2668	9.5	104005.0	-5853.7	2758	9.7	104430.0	-5852.5
2579	9.0	103749.5	-5849.0	2669	9.7	104007.0	-5851.5	2759	9.6	104432.0	-5852.8
2580	9.4	103750.5	-5814.8	2670	9.6	104011.5	-5838.8	2760	9.9	104438.5	-5817.3
2581	5.7	103750.5	-5833.6	2671	9.8	104012.5	-5840.2	2761	9.4	104439.5	-5812.1
2582	9.4	103753.5	-5827.7	2672	9.9	104018.5	-5803.9	2762	9.9	104458.5	-5853.3
2583	9.8	103754.5	-5842.2	2673	9.8	104023.5	-5815.3	2763	9.5	104501.0	-5810.1
2584	9.7	103757.5	-5823.2	2674	8.9	104025.5	-5844.2	2764	9.4	104502.0	-5838.6
2585	9.8	103758.5	-5825.6	2675	9.0	104028.5	-5837.7	2765	9.9	104502.5	-5852.5
2586	9.2	103801.5	-5846.2	2676	9.9	104029.0	-5840.1	2766	9.9	104505.5	-5858.2
2587	9.2	103802.0	-5826.4	2677	9.9	104031.5	-5858.2	2767	9.9	104508.0	-5817.3
2588	8.9	103802.5	-5827.7	2678	9.8	104042.5	-5824.4	2768	9.6	104508.5	-5846.5
2589	9.8	103807.0	-5845.2	2679	8.9	104048.5	-5843.9	2769	8.5	104512.5	-5853.3
2590	9.4	103809.5	-5825.6	2680	7.6	104052.0	-5845.1	2770	9.7	104513.0	-5800.5
2591	9.2	103811.5	-5841.1	2681	9.0	104052.8	-5801.4	2771	9.8	104515.0	-5839.1
2592	8.8	103813.0	-5825.5	2682	9.8	104057.5	-5846.2	2772	9.7	104515.4	-5800.9
2593	9.6	103822.0	-5808.3	2683	9.0	104058.5	-5849.9	2773	9.3	104517.5	-5836.7
2594	9.0	103825.5	-5831.1	2684	9.8	104058.5	-5853.3	2774	9.8	104519.5	-5848.6
2595	9.8	103831.0	-5816.2	2685	9.9	104059.0	-5849.7	2775	9.8	104520.5	-5822.1
2596	10.2	103831.5	-5802.3	2686	9.9	104059.5	-5808.5	2776	8.9	104522.5	-5813.8
2597	9.4	103832.0	-5815.5	2687	9.7	104103.5	-5803.4	2777	9.8	104531.5	-5825.0
2598	8.7	103836.5	-5815.3	2688	9.7	104108.0	-5827.8	2778	9.7	104534.5	-5817.5
2599	9.6	103837.5	-5817.9	2689	9.4	104112.0	-5854.3	2779	8.5	104542.5	-5833.1
2600	9.8	103838.0	-5828.3	2690	9.3	104114.0	-5854.2	2780	9.6	104545.0	-5801.2
2601	9.2	103838.3	-5858.3	2691	9.8	104115.5	-5811.7	2781	9.0	104548.5	-5840.3
2602	8.3	103838.5	-5826.7	2692	8.0	104119.5	-5839.6	2782	9.2	104549.5	-5855.3
2603	9.8	103839.5	-5830.3	2693	9.6	104123.0	-5852.9	2783	9.4	104554.5	-5828.7
2604	9.2	103841.0	-5850.2	2694	9.6	104127.5	-5853.5	2784	9.5	104559.5	-5822.5
2605	9.2	103844.5	-5856.1	2695	8.4	104131.5	-5847.3	2785	9.3	104559.5	-5815.5
2606	9.9	103850.5	-5826.9	2696	9.7	104138.5	-5807.7	2786	9.7	104605.0	-5857.6
2607	9.6	103852.0	-5831.3	2697	9.2	104143.0	-5857.6	2787	9.7	104607.0	-5805.6
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2615	9.7	103859.5	-5836.7	2705	9.6	104222.5	-5832.2	2795	8.2	104632.0	-5829.3
2796	9.7	104635.0	-5828.3								
2797	9.7	104637.5	-5843.3								
2798	9.7	104637.5	-5852.0								
2799	9.3	104638.5	-5832.7								
2800	9.7	104639.0	-5803.9								
2801	8.7	104652.5	-5818.7								
2802	9.5	104655.5	-5827.6								
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2805	9.2	104715.5	-5824.4								
2806	9.7	104717.5	-5811.0								
2807	9.8	104718.0	-5814.2								
2808	9.8	104719.5	-5857.1								
2809	7.9	104721.0	-5805.0								
2810	9.7	104724.5	-5835.2								
2811	9.7	104728.5	-5841.2								
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2815	9.8	104731.8	-5816.6								
2816	8.4	104735.0	-5831.0								
2817	8.7	104737.8	-5845.1								
2818	9.9	104739.5	-5816.4								
2819	9.1	104742.5	-5848.0								
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2822	9.2	104757.5	-5805.8								
2823	9.8	104759.5	-5805.9								
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2825	9.5	104801.5	-5828.6								
2826	8.7	104804.0	-5850.3								
2827	9.2	104808.5	-5834.4								
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2839	9.6	104834.5	-5847.3								
2840	9.9	104834.5	-5847.2								
2841	9.9	104838.0	-5810.8								
2842	9.9	104838.0	-5857.2								
2843	9.8	104838.5	-5819.0								
2844	8.6	104838.5	-5807.0								
2845	9.8	104844.0	-5850.8								
2846	8.4	104845.0	-5843.0								
2847	9.0	104848.0	-5806.4								
2848	8.7	104852.5	-5855.0								
2849	9.3	104853.0	-5821.0								
2850	9.5	104853.5	-5824.4								
2851	9.9	104907.0	-5824.4								
2852	9.9	104913.5	-5803.2								
2853	9.0	104918.5	-5826.5								
2854	9.8	104924.0	-5823.1								
2855	9.9	104924.5	-5821.1								
2856	8.8	104930.5	-5808.1								
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2858	9.4	104949.5	-5842.9								
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2860	9.6	104953.0	-5826.8								
2861	9.8	104954.0	-5817.2								
2862	9.8	104958.0	-5806.6								
2863	9.0	104959.0	-5810.2								
2864	9.8	105019.8	-5803.2								
2865	9.6	105020.0	-5838.4								
2866	9.7	105020.5	-5808.0								
2867	9.4	105024.8	-5839.9								
2868	8.9	105030.5	-5835.0								
2869	9.7	105034.0	-5848.2								
2870	9.4	105036.2	-5859.2								
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2881	9.9	105142.0	-5853.2								
2882	9.8	105144.5	-5804.2								
2883	9.8	105152.5	-5822.3								
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2886 8.9 105211.5 -5825.8	2976 9.9 105752.5 -5842.0	3066 8.7 110015.5 -5803.4	3156 9.8 110213.0 -5831.3
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2891 8.3 105231.5 -5803.3	2981 8.9 105804.5 -5821.5	3071 9.2 110021.0 -5805.0	3161 8.2 110223.0 -5804.9
2892 9.1 105234.5 -5856.7	2982 9.6 105804.5 -5824.4	3072 9.8 110022.5 -5806.9	3162 9.9 110225.7 -5802.8
2893 9.0 105236.5 -5801.9	2983 9.4 105806.5 -5805.2	3073 8.8 110023.5 -5803.4	3163 8.4 110226.0 -5859.6
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2896 9.2 105259.5 -5828.8	2986 8.9 105814.5 -5806.8	3076 9.6 110025.5 -5817.1	3166 9.4 110228.5 -5812.2
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3295 9.2 110735.5 -5826.6	3385 9.8 111016.0 -5826.2	3475 7.8 111427.0 -5830.2	3565 10.0 111815.5 -5857.6
3296 9.7 110737.0 -5850.4	3386 10.0 111017.5 -5852.2	3476 10.0 111427.2 -5842.5	3566 8.2 111816.0 -5837.0
3297 9.6 110737.0 -5813.1	3387 10.0 111019.5 -5807.0	3477 8.2 111431.5 -5853.1	3567 8.6 111816.0 -5848.3
3298 9.6 110737.5 -5810.8	3388 8.4 111019.5 -5812.4	3478 9.7 111431.0 -5809.0	3568 8.8 111824.0 -5814.0
3299 8.5 110737.5 -5813.1	3389 9.1 111020.5 -5829.0	3479 9.4 111441.0 -5848.0	3569 10.0 111830.0 -5820.4
3300 9.2 110737.5 -5819.0	3390 10.0 111025.5 -5838.0	3480 10.0 111441.5 -5846.4	3570 10.0 111834.0 -5830.7
3301 8.6 110741.5 -5825.1	3391 9.7 111030.0 -5840.0	3481 10.0 111441.5 -5830.8	3571 9.5 111834.5 -5831.0
3302 9.8 110742.0 -5811.2	3392 10.0 111031.5 -5807.0	3482 10.0 111445.5 -5848.4	3572 9.4 111839.5 -5830.9
3303 9.1 110746.5 -5812.2	3393 10.0 111032.5 -5828.2	3483 10.0 111456.2 -5821.0	3573 9.5 111839.5 -5847.0
3304 10.0 110746.5 -5811.2	3394 9.6 111034.5 -5833.0	3484 10.0 111457.2 -5841.9	3574 9.4 111842.0 -5831.2
3305 9.8 110747.5 -5824.9	3395 10.0 111035.5 -5852.0	3485 9.8 111457.2 -5823.3	3575 8.4 111844.5 -5836.0
3306 9.6 110747.5 -5827.0	3396 10.0 111037.5 -5822.8	3486 9.2 111501.0 -5810.8	3576 10.0 111844.5 -5846.4
3307 8.7 110748.7 -5857.8	3397 10.0 111044.0 -5812.0	3487 9.2 111501.5 -5841.5	3577 10.0 111844.5 -5809.8
3308 10.0 110752.0 -5809.0	3398 9.9 111045.5 -5815.3	3488 9.2 111505.0 -5855.1	3578 9.9 111855.5 -5855.0
3309 9.3 110753.0 -5832.0	3399 9.4 111047.5 -5842.4	3489 10.0 111505.0 -5802.2	3579 9.9 111906.0 -5821.0
3310 9.5 110753.5 -5811.0	3400 10.0 111048.5 -5822.2	3490 9.3 111505.2 -5832.2	3580 10.0 111908.0 -5846.0
3311 9.7 110755.5 -5821.9	3401 9.4 111054.5 -5859.4	3491 9.7 111507.0 -5841.0	3581 10.0 111908.5 -5814.6
3312 10.0 110800.0 -5813.1	3402 9.4 111056.0 -5854.0	3492 10.0 111511.0 -5807.8	3582 9.5 111910.0 -5815.8
3313 9.2 110802.5 -5814.8	3403 10.0 111058.0 -5813.6	3493 10.0 111515.0 -5810.5	3583 9.1 111911.5 -5824.7
3314 8.7 110805.5 -5814.0	3404 10.0 111104.5 -5842.0	3494 9.5 111522.5 -5853.3	3584 9.7 111913.5 -5843.7
3315 6.4 110806.0 -5856.4	3405 9.7 111106.0 -5818.0	3495 10.0 111524.0 -5845.4	3585 10.0 111916.0 -5858.3
3316 10.0 110812.0 -5842.0	3406 9.3 111116.0 -5854.2	3496 8.1 111524.5 -5801.3	3586 10.0 111922.0 -5807.0
3317 9.6 110814.5 -5842.0	3407 9.1 111117.5 -5809.5	3497 9.6 111527.0 -5816.5	3587 8.5 111923.7 -5858.0
3318 9.9 110817.5 -5821.0	3408 9.7 111121.5 -5831.0	3498 10.0 111531.0 -5805.7	3588 10.0 111924.0 -5829.4
3319 9.2 110824.0 -5821.4	3409 9.8 111121.5 -5817.8	3499 9.9 111531.0 -5829.6	3589 10.0 111925.0 -5830.4
3320 9.0 110825.5 -5828.2	3410 9.8 111124.5 -5813.4	3500 10.0 111535.0 -5805.2	3590 10.0 111926.0 -5829.0
3321 9.5 110826.0 -5829.8	3411 9.9 111125.2 -5837.1	3501 9.5 111535.0 -5805.0	3591 9.5 111927.0 -5842.0
3322 10.0 110827.5 -5824.0	3412 9.1 111133.0 -5823.0	3502 10.0 111539.5 -5832.0	3592 10.0 111928.0 -5812.2
3323 9.3 110832.0 -5815.2	3413 10.0 111134.2 -5805.4	3503 9.4 111540.5 -5837.0	3593 10.0 111928.3 -5857.0
3324 9.7 110832.5 -5807.4	3414 10.0 111136.0 -5854.6	3504 9.9 111543.0 -5838.5	3594 9.8 111935.0 -5843.8
3325 10.0 110833.0 -5840.0	3415 9.3 111137.5 -5852.0	3505 9.5 111545.0 -5820.0	3595 9.0 111940.0 -5805.8
3326 10.0 110833.0 -5831.2	3416 10.0 111138.0 -5852.6	3506 10.0 111545.2 -5829.0	3596 10.0 111952.5 -5850.6
3327 9.0 110835.5 -5832.0	3417 8.6 111143.5 -5844.3	3507 9.9 111549.0 -5807.0	3597 9.3 112002.0 -5856.1
3326 9.5 110836.5 -5838.7	3418 9.9 111145.5 -5841.8	3508 10.0 111550.0 -5842.6	3598 10.0 112002.5 -5802.0
3329 9.5 110837.5 -5809.0	3419 10.0 111145.5 -5841.3	3509 10.0 111550.5 -5813.0	3599 9.8 112004.0 -5810.0
3330 10.0 110843.0 -5849.8	3420 10.0 111145.5 -5856.0	3510 8.7 111551.0 -5834.0	3600 9.5 112004.0 -5813.8
3331 10.0 110844.0 -5809.7	3421 9.8 111147.5 -5809.2	3511 9.6 111552.5 -5842.0	3601 9.6 112008.5 -5839.0
3332 10.0 110845.5 -5807.7	3422 9.5 111154.5 -5824.0	3512 8.6 111559.5 -5838.8	3602 9.5 112012.0 -5841.0
3333 10.0 110847.0 -5810.0	3423 8.9 111157.5 -5831.8	3513 10.0 111601.0 -5829.5	3603 9.1 112012.5 -5854.4
3334 9.1 110847.0 -5811.0	3424 7.3 111157.5 -5825.4	3514 9.8 111601.0 -5811.8	3604 10.0 112013.5 -5803.4
3335 9.5 110847.5 -5831.4	3425 9.7 111200.5 -5837.1	3515 9.4 111604.5 -5807.0	3605 7.6 112022.0 -5840.0

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3606	10.0	112024.0	-5841.0
3607	10.0	112025.5	-5817.0
3608	9.5	112025.5	-5857.6
3609	9.4	112034.0	-5816.1
3610	10.0	112035.5	-5819.8
3611	10.0	112039.5	-5839.9
3612	10.0	112040.5	-5850.0
3613	8.8	112044.0	-5835.8
3614	9.6	112046.0	-5833.0
3615	8.9	112051.5	-5811.4
3616	9.3	112052.0	-5804.2
3617	9.0	112052.5	-5844.0
3618	10.0	112054.0	-5800.7
3619	10.0	112054.0	-5851.0
3620	8.2	112056.0	-5845.0
3621	9.8	112056.5	-5825.3
3622	8.6	112058.3	-5858.0
3623	10.0	112059.0	-5832.0
3624	10.0	112100.0	-5828.8
3625	9.6	112104.0	-5812.0
3626	9.8	112104.5	-5809.1
3627	10.0	112108.5	-5811.2
3628	9.4	112114.0	-5820.1
3629	10.0	112116.0	-5830.0
3630	9.3	112119.0	-5815.4
3631	8.8	112132.0	-5834.2
3632	10.0	112134.0	-5819.0
3633	9.1	112134.5	-5819.2
3634	9.6	112134.7	-5857.2
3635	10.0	112143.5	-5805.9
3636	10.0	112144.0	-5804.0
3637	9.8	112146.0	-5835.0
3638	10.0	112148.0	-5800.8
3639	9.6	112148.0	-5845.4
3640	9.6	112150.5	-5842.8
3641	9.6	112155.5	-5837.8
3642	10.0	112205.5	-5818.4
3643	9.6	112207.5	-5831.0
3644	10.0	112213.5	-5820.0
3645	9.5	112227.5	-5821.4
3646	10.0	112231.0	-5813.8
3647	10.0	112231.0	-5803.6
3648	9.1	112233.5	-5822.0
3649	9.0	112234.5	-5807.4
3650	9.6	112238.5	-5812.8
3651	10.0	112244.0	-5851.0
3652	10.0	112244.5	-5817.0
3653	9.6	112244.5	-5848.0
3654	9.6	112254.5	-5808.4
3655	9.7	112256.5	-5839.1
3656	9.7	112300.5	-5844.2
3657	10.0	112304.5	-5843.8
3658	9.9	112306.5	-5815.0
3659	9.8	112313.5	-5842.3
3660	9.6	112316.5	-5848.0
3661	7.6	112320.5	-5806.3
3662	9.1	112320.5	-5803.1
3663	10.0	112341.0	-5849.0
3664	9.4	112354.5	-5849.3
3665	10.0	112357.5	-5801.9
3666	9.8	112358.0	-5834.5
3667	10.0	112359.5	-5852.0
3668	9.6	112416.0	-5819.0
3669	10.0	112421.5	-5857.8
3670	10.0	112423.5	-5858.3
3671	10.0	112425.5	-5817.0
3672	9.5	112436.5	-5826.0
3673	9.6	112436.5	-5828.9
3674	10.0	112441.0	-5824.0
3675	8.7	112441.3	-5856.3
3676	9.3	112451.8	-5857.0
3677	8.0	112500.0	-5807.3
3678	9.6	112501.5	-5846.4
3679	10.0	112504.0	-5845.0
3680	10.0	112504.5	-5847.6
3681	10.0	112510.0	-5804.1
3682	9.8	112510.0	-5828.0
3683	8.6	112521.5	-5808.8
3684	10.0	112523.5	-5833.8
3685	9.8	112523.5	-5837.2
3686	9.9	112534.0	-5816.1
3687	10.0	112537.5	-5806.1
3688	8.9	112544.0	-5859.0
3689	9.5	112546.5	-5827.0
3690	9.4	112549.5	-5837.2
3691	10.0	112559.0	-5853.8
3692	7.2	112600.0	-5845.1
3693	6.4	112602.0	-5849.5
3694	10.0	112603.0	-5836.6
3695	9.1	112614.0	-5841.4
3696	9.5	112630.0	-5823.0
3697	9.9	112633.0	-5820.5
3698	10.0	112633.5	-5856.0
3699	10.0	112657.5	-5845.0
3700	9.6	112700.0	-5838.3
3701	10.0	112703.0	-5843.4
3702	10.0	112710.0	-5848.0
3703	9.7	112730.0	-5828.0
3704	9.5	112734.0	-5820.0
3705	9.8	112736.0	-5822.0
3706	9.1	112742.5	-5848.0
3707	10.0	112745.0	-5804.0
3708	9.8	112747.0	-5814.6
3709	8.9	112801.5	-5800.1
3710	9.6	112803.0	-5829.5
3711	10.0	112810.0	-5826.6
3712	8.8	112810.5	-5826.0
3713	9.0	112812.5	-5852.1
3714	10.0	112813.5	-5835.4
3715	10.0	112814.0	-5822.6
3716	9.6	112815.5	-5852.0
3717	7.6	112818.3	-5859.6
3718	9.9	112833.0	-5805.4
3719	9.8	112839.5	-5805.2
3720	8.8	112844.0	-5827.8
3721	9.7	112846.0	-5839.8
3722	9.7	112852.0	-5841.0
3723	9.6	112854.0	-5840.6
3724	9.6	112854.0	-5821.6
3725	9.6	112854.0	-5815.0
3726	9.2	112856.0	-5816.3
3727	8.6	112900.0	-5827.0
3728	10.0	112902.5	-5852.0
3729	9.8	112922.5	-5821.6
3730	9.8	112924.5	-5844.0
3731	10.0	112939.5	-5855.8
3732	10.0	112944.0	-5848.0
3733	9.6	112949.5	-5825.0
3734	10.0	112950.5	-5829.0
3735	9.4	112950.5	-5834.6
3736	10.0	112952.5	-5846.0
3737	10.0	113004.5	-5836.0
3738	10.0	113014.5	-5845.0
3739	10.0	113019.0	-5855.8
3740	10.0	113033.0	-5854.3
3741	9.0	113034.0	-5844.3
3742	8.9	113040.0	-5813.6
3743	10.0	113044.0	-5807.0
3744	9.4	113044.0	-5811.8
3745	9.3	113052.0	-5845.0
3746	8.8	113056.0	-5816.2
3747	9.8	113056.0	-5848.0
3748	8.7	113056.0	-5840.0
3749	9.8	113110.5	-5808.8
3750	9.8	113113.5	-5835.0
3751	9.2	113118.0	-5832.0
3752	10.0	113130.0	-5847.8
3753	10.0	113138.5	-5807.0
3754	9.7	113141.0	-5824.0
3755	9.9	113141.5	-5827.0
3756	9.0	113143.5	-5834.0
3757	9.4	113144.0	-5801.0
3758	9.2	113145.5	-5849.9
3759	9.5	113147.5	-5831.8
3760	10.0	113148.5	-5806.0
3761	10.0	113150.5	-5805.4
3762	10.0	113152.8	-5857.9
3763	9.7	113207.5	-5849.0
3764	9.9	113210.5	-5840.2
3765	9.9	113211.0	-5801.9
3766	9.9	113213.5	-5819.0
3767	9.5	113225.5	-5820.2
3768	9.8	113230.0	-5816.0
3769	9.1	113232.5	-5850.2
3770	10.0	113242.0	-5813.7
3771	9.4	113254.5	-5841.0
3772	8.9	113310.5	-5807.0
3773	10.0	113315.5	-5846.9
3774	9.1	113329.5	-5840.5
3775	10.0	113345.5	-5828.9
3776	9.8	113403.5	-5815.9
3777	9.6	113407.5	-5810.9
3778	8.0	113409.0	-5818.5
3779	10.0	113409.5	-5811.4
3780	10.0	113409.5	-5817.7
3781	10.0	113412.5	-5818.9
3782	9.7	113422.0	-5823.1
3783	9.9	113432.3	-5857.1
3784	10.0	113442.0	-5837.9
3785	9.4	113500.3	-5857.5

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3786	10.0	113500.5	-5826.0
3787	9.2	113510.0	-5825.9
3788	10.0	113515.5	-5849.9
3789	10.0	113525.5	-5838.5
3790	9.6	113532.0	-5813.9
3791	8.7	113543.0	-5802.8
3792	10.0	113546.5	-5838.9
3793	9.9	113552.5	-5852.9
3794	9.9	113553.5	-5804.9
3795	9.1	113553.5	-5825.9
3796	10.0	113604.7	-5859.0
3797	10.0	113607.5	-5839.9
3798	9.7	113613.0	-5816.3
3799	9.0	113615.5	-5833.9
3800	9.4	113629.5	-5824.9
3801	9.1	113640.0	-5853.6
3802	9.1	113641.0	-5850.9
3803	9.7	113641.5	-5826.9
3804	9.9	113645.5	-5820.5
3805	9.6	113645.5	-5824.5
3806	9.8	113645.5	-5831.6
3807	9.4	113646.5	-5833.6
3808	10.0	113654.0	-5812.5
3809	9.2	113722.5	-5811.7
3810	10.0	113729.5	-5820.6
3811	9.8	113729.5	-5851.1
3812	9.5	113739.0	-5838.9
3813	9.8	113744.5	-5854.1
3814	10.0	113745.5	-5823.9
3815	10.0	113746.0	-5819.1
3816	10.0	113823.5	-5839.5
3817	10.0	113826.0	-5832.5
3818	10.0	113829.0	-5841.2
3819	10.0	113833.0	-5835.3
3820	9.5	113833.0	-5839.9
3821	8.0	113845.5	-5839.5
3822	9.6	113848.5	-5821.3
3823	8.0	113848.8	-5800.6
3824	10.0	113903.0	-5828.7
3825	10.0	113905.0	-5816.7
3826	9.7	113905.5	-5843.9
3827	10.0	113906.5	-5816.7
3828	10.0	113908.0	-5833.5
3829	10.0	113913.5	-5826.9
3830	9.8	113945.5	-5853.9
3831	9.5	113946.0	-5807.1
3832	9.4	113949.5	-5855.6
3833	9.4	113953.5	-5832.3
3834	9.8	113955.5	-5804.5
3835	10.0	114002.0	-5847.2
3836	9.7	114013.5	-5823.9
3837	10.0	114026.5	-5835.6
3838	10.0	114033.5	-5842.8
3839	9.8	114040.0	-5842.9
3840	9.8	114045.5	-5801.9
3841	10.0	114046.5	-5836.1
3842	10.0	114056.0	-5814.9
3843	8.4	114102.5	-5821.7
3844	9.2	114105.5	-5854.9
3845	9.5	114105.5	-5830.9
3846	10.0	114120.8	-5849.9
3847	10.0	114121.0	-5827.9
3848	10.0	114124.8	-5820.1
3849	10.0	114130.5	-5858.8
3850	10.0	114131.3	-5857.9
3851	10.0	114132.0	-5850.1
3852	10.0	114135.7	-5854.9
3853	10.0	114139.0	-5832.5
3854	9.8	114146.2	-5853.7
3855	9.6	114150.2	-5836.1
3856	9.1	114202.3	-5843.4
3857	9.9	114209.5	-5853.9
3858	9.4	114211.7	-5808.9
3859	9.8	114218.0	-5812.4
3860	9.0	114220.5	-5831.9
3861	9.4	114220.7	-5836.9
3862	9.6	114227.8	-5859.2
3863	9.8	114251.5	-5839.1
3864	10.0	114255.2	-5819.4
3865	9.2	114303.0	-5815.6
3866	10.2	114328.5	-5837.2
3867	9.9	114335.0	-5805.0
3868	8.5	114337.5	-5834.5
3869	9.9	114340.5	-5805.3
3870	10.2	114356.0	-5841.1
3871	10.0	114358.0	-5816.2
3872	9.4	114358.5	-5845.8
3873	9.5	114359.3	-5801.6
3874	9.6	114401.0	-5851.9
3875	8.5	114403.0	-5839.4
3876	9.7	114418.0	-5846.0
3877	8.7	114420.0	-5804.3
3878	10.2	114423.8	-5858.1
3879	9.6	114426.0	-5851.0
3880	10.2	114509.8	-5857.4
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3882	9.7	114520.5	-5837.3
3883	10.2	114524.0	-5810.9
3884	10.0	114531.0	-5830.7
3885	10.2	114542.0	-5828.4
3886	9.8	114542.5	-5824.9
3887	9.4	114544.5	-5848.0
3888	9.8	114552.5	-5816.9
3889	9.8	114555.5	-5805.9
3890	8.5	114559.0	-5821.3
3891	9.1	114600.5	-5828.6
3892	9.0	114611.5	-5853.5
3893	10.2	114614.0	-5833.1
3894	10.2	114621.0	-5845.9
3895	9.6	114634.0	-5857.1
3896	9.2	114639.5	-5812.7
3897	9.0	114641.5	-5852.4
3898	10.0	114651.5	-5835.9
3899	9.6	114653.5	-5847.9
3900	9.5	114700.0	-5836.9
3901	10.2	114701.8	-5859.0
3902	9.9	114703.5	-5827.2
3903	9.8	114723.0	-5811.9
3904	9.7	114724.5	-5847.0
3905	9.2	114729.0	-5837.1
3906	10.2	114733.5	-5828.0
3907	10.2	114743.0	-5809.2
3908	8.8	114743.0	-5851.0
3909	9.8	114743.0	-5852.8
3910	9.8	114745.5	-5832.1
3911	9.2	114755.0	-5850.8
3912	9.4	114758.5	-5836.1
3913	10.2	114801.0	-5804.7
3914	10.2	114807.0	-5835.4
3915	10.2	114807.0	-5845.7
3916	10.2	114814.5	-5839.8
3917	9.8	114820.5	-5816.9
3918	9.5	114830.5	-5843.8
3919	9.7	114834.5	-5842.7
3920	9.4	114834.5	-5844.3
3921	9.8	114834.8	-5802.4
3922	9.1	114838.0	-5826.0
3923	8.9	114842.5	-5830.6
3924	9.8	114848.0	-5833.5
3925	10.0	114856.0	-5810.9
3926	9.8	114857.0	-5804.0
3927	9.1	114901.5	-5826.6
3928	9.6	114913.0	-5843.9
3929	10.0	114916.5	-5850.9
3930	10.2	114917.5	-5836.9
3931	9.5	114917.5	-5855.5
3932	10.2	114919.5	-5837.8
3933	10.2	114921.5	-5805.9
3934	9.9	114948.0	-5851.0
3935	9.0	114949.0	-5834.4
3936	9.4	114958.0	-5822.3
3937	9.5	115003.0	-5852.9
3938	10.0	115009.5	-5841.9
3939	8.4	115010.5	-5807.5
3940	10.0	115010.5	-5821.8
3941	9.2	115012.5	-5842.7
3942	9.6	115023.0	-5810.0
3943	9.6	115042.0	-5830.2
3944	10.2	115053.0	-5850.5
3945	10.0	115059.0	-5826.8
3946	10.0	115103.0	-5804.7
3947	9.6	115104.5	-5803.2
3948	10.2	115121.0	-5824.6
3949	9.0	115121.5	-5852.1
3950	10.2	115123.0	-5837.9
3951	10.0	115123.0	-5807.0
3952	8.9	115128.5	-5855.1
3953	10.2	115130.5	-5806.9
3954	9.9	115130.5	-5848.7
3955	10.2	115145.0	-5848.0
3956	10.0	115148.6	-5801.9
3957	10.2	115149.0	-5854.5
3958	8.0	115149.0	-5853.8
3959	9.8	115149.5	-5807.9
3960	10.2	115150.5	-5825.9
3961	9.9	115152.5	-5851.0
3962	10.0	115153.0	-5817.4
3963	10.2	115200.0	-5800.9
3964	9.0	115200.5	-5835.7
3965	10.2	115200.5	-5843.5

-58 3966 11h52m

-58 4325 12h22m

3966	9.4	115200.5	-5844.1	4056	10.2	115810.5	-5831.6	4146	10.2	120458.0	-5841.0
3967	10.2	115206.0	-5842.8	4057	9.4	115811.8	-5800.3	4147	8.9	120459.0	-5802.7
3968	10.2	115208.0	-5826.6	4058	6.8	115820.0	-5833.3	4148	9.9	120502.0	-5808.3
3969	9.9	115212.0	-5832.3	4059	9.3	115820.5	-5853.2	4149	10.2	120507.5	-5849.0
3970	9.3	115214.0	-5855.6	4060	9.4	115824.0	-5810.2	4150	9.6	120515.0	-5820.0
3971	10.0	115218.2	-5847.6	4061	9.7	115826.5	-5809.9	4151	8.8	120524.5	-5805.3
3972	10.2	115219.2	-5854.5	4062	10.2	115828.5	-5805.7	4152	10.0	120524.5	-5816.8
3973	10.2	115220.0	-5852.9	4063	9.3	115829.1	-5802.2	4153	8.6	120529.5	-5819.2
3974	9.5	115221.0	-5855.2	4064	9.5	115831.5	-5855.1	4154	10.2	120533.0	-5816.6
3975	9.5	115221.5	-5821.6	4065	10.2	115836.5	-5808.9	4155	8.7	120535.0	-5844.8
3976	9.8	115223.5	-5819.6	4066	10.2	115843.0	-5844.8	4156	8.4	120536.5	-5807.4
3977	10.0	115226.0	-5837.1	4067	9.6	115846.5	-5846.8	4157	10.0	120539.0	-5813.7
3978	8.4	115229.8	-5857.1	4068	10.2	115847.5	-5845.6	4158	10.0	120543.5	-5807.1
3979	10.2	115230.2	-5833.8	4069	9.3	115847.5	-5842.3	4159	8.6	120547.5	-5849.1
3980	10.2	115230.2	-5835.5	4070	9.6	115859.5	-5840.9	4160	9.7	120549.5	-5855.0
3981	10.2	115230.2	-5816.9	4071	9.1	115903.0	-5839.2	4161	9.0	120606.5	-5843.4
3982	9.6	115230.5	-5828.9	4072	9.4	115904.0	-5815.9	4162	10.0	120608.0	-5810.6
3983	10.2	115231.2	-5835.9	4073	10.2	115906.0	-5810.2	4163	9.6	120610.5	-5856.0
3984	9.4	115233.0	-5848.9	4074	10.2	115910.2	-5800.1	4164	8.4	120617.0	-5857.7
3985	10.2	115233.2	-5845.6	4075	8.7	115917.5	-5826.0	4165	9.0	120622.5	-5858.1
3986	10.0	115234.2	-5838.7	4076	10.2	115933.0	-5836.9	4166	9.8	120631.5	-5835.1
3987	10.2	115237.5	-5858.3	4077	10.2	115942.5	-5838.9	4167	9.1	120639.0	-5838.8
3988	9.6	115243.5	-5832.9	4078	9.4	115950.5	-5818.9	4168	9.8	120656.0	-5810.4
3989	9.5	115258.5	-5814.9	4079	8.0	115951.5	-5826.8	4169	10.2	120657.0	-5818.5
3990	10.0	115259.0	-5856.6	4080	8.7	115954.5	-5804.0	4170	10.2	120701.0	-5804.8
3991	9.9	115259.0	-5828.2	4081	10.2	120001.0	-5803.5	4171	10.2	120705.5	-5853.8
3992	10.2	115312.5	-5802.1	4082	10.2	120008.0	-5842.5	4172	10.0	120718.0	-5804.2
3993	9.2	115318.5	-5817.9	4083	9.8	120020.0	-5818.3	4173	10.2	120721.5	-5827.1
3994	9.2	115322.5	-5829.8	4084	10.2	120023.5	-5858.6	4174	7.8	120725.5	-5842.1
3995	9.0	115324.5	-5856.9	4085	8.4	120025.0	-5853.7	4175	10.0	120731.0	-5808.2
3996	10.2	115329.0	-5811.6	4086	9.8	120032.0	-5843.0	4176	8.6	120737.0	-5807.5
3997	8.9	115331.5	-5842.8	4087	8.6	120032.0	-5859.9	4177	7.8	120738.0	-5810.9
3998	9.2	115342.5	-5811.6	4088	9.3	120035.5	-5849.7	4178	10.2	120738.5	-5812.9
3999	9.9	115343.0	-5843.0	4089	9.8	120042.5	-5836.0	4179	10.0	120742.5	-5836.8
4000	9.4	115346.0	-5855.4	4090	10.2	120051.0	-5815.9	4180	10.0	120742.5	-5814.0
4001	9.6	115347.2	-5806.4	4091	10.2	120109.0	-5828.9	4181	10.2	120749.5	-5809.3
4002	9.2	115349.0	-5842.9	4092	10.2	120114.5	-5848.0	4182	9.8	120802.0	-5802.0
4003	10.0	115350.2	-5817.5	4093	9.4	120121.0	-5838.3	4183	9.4	120804.5	-5808.3
4004	10.2	115403.0	-5800.9	4094	8.1	120122.0	-5835.8	4184	9.4	120805.5	-5857.9
4005	9.6	115406.5	-5831.9	4095	8.4	120131.5	-5803.4	4185	9.7	120810.5	-5829.1
4006	9.7	115409.0	-5842.4	4096	10.2	120134.0	-5841.5	4186	9.7	120815.0	-5853.2
4007	9.7	115410.5	-5808.9	4097	9.9	120136.5	-5844.6	4187	9.6	120816.0	-5849.1
4008	9.6	115421.5	-5852.2	4098	9.1	120140.0	-5833.9	4188	10.2	120818.5	-5845.0
4009	10.0	115426.5	-5815.3	4099	9.7	120140.5	-5842.6	4189	3.7	120830.0	-5803.3
4010	9.6	115430.0	-5804.2	4100	9.6	120141.5	-5836.9	4190	10.2	120840.5	-5852.5
4011	10.2	115438.0	-5838.4	4101	10.2	120157.5	-5821.0	4191	9.6	120849.0	-5830.3
4012	10.2	115440.0	-5809.7	4102	9.2	120205.0	-5859.8	4192	8.6	120855.0	-5829.1
4013	8.7	115440.5	-5853.8	4103	9.7	120205.5	-5835.8	4193	10.0	120855.0	-5834.2
4014	9.8	115440.5	-5856.8	4104	8.6	120208.5	-5847.4	4194	9.1	120929.0	-5813.5
4015	9.6	115442.5	-5850.2	4105	10.0	120211.5	-5859.9	4195	8.7	120940.5	-5804.9
4016	10.2	115453.2	-5853.9	4106	9.9	120212.0	-5822.3	4196	10.2	120953.5	-5833.9
4017	10.2	115501.5	-5804.0	4107	9.7	120218.0	-5809.6	4197	8.7	120955.0	-5819.9
4018	10.0	115502.0	-5839.5	4108	9.8	120234.0	-5846.5	4198	10.2	121010.5	-5821.9
4019	9.5	115503.0	-5809.1	4109	10.2	120239.5	-5812.9	4199	10.2	121016.5	-5844.3
4020	8.8	115504.5	-5812.8	4110	10.2	120241.5	-5852.2	4200	9.2	121020.5	-5842.9
4021	9.4	115507.5	-5827.7	4111	9.0	120244.3	-5800.9	4201	10.2	121021.5	-5818.9
4022	10.2	115517.5	-5834.4	4112	10.2	120247.3	-5857.2	4202	9.0	121102.0	-5811.5
4023	9.7	115521.0	-5834.0	4113	10.2	120248.0	-5817.2	4203	10.2	121124.0	-5858.7
4024	9.4	115532.0	-5856.1	4114	10.0	120311.0	-5812.9	4204	8.2	121144.5	-5855.8
4025	9.6	115533.5	-5841.2	4115	10.2	120311.5	-5805.7	4205	9.9	121155.0	-5821.7
4026	9.7	115543.0	-5839.8	4116	10.2	120314.5	-5855.8	4206	8.9	121158.5	-5804.3
4027	9.8	115545.0	-5813.3	4117	10.0	120315.5	-5832.8	4207	10.2	121207.5	-5821.6
4028	10.0	115550.2	-5849.7	4118	10.2	120319.0	-5814.0	4208	10.2	121218.0	-5857.8
4029	9.0	115554.5	-5830.1	4119	8.9	120320.0	-5816.7	4209	10.0	121220.0	-5845.8
4030	10.0	115601.5	-5844.4	4120	9.2	120321.5	-5855.8	4210	10.0	121222.0	-5841.9
4031	10.2	115611.0	-5849.7	4121	9.0	120321.5	-5832.0	4211	9.8	121228.0	-5809.9
4032	9.8	115611.5	-5808.7	4122	9.1	120325.0	-5815.4	4212	8.3	121238.0	-5835.7
4033	8.9	115612.0	-5838.3	4123	10.2	120325.0	-5851.7	4213	8.8	121238.5	-5841.2
4034	9.9	115613.0	-5836.0	4124	9.2	120326.0	-5848.8	4214	10.2	121251.0	-5847.0
4035	10.2	115624.5	-5845.1	4125	9.4	120330.0	-5833.3	4215	9.6	121307.0	-5824.4
4036	9.5	115638.5	-5844.6	4126	9.6	120330.5	-5807.0	4216	9.2	121307.0	-5833.9
4037	10.0	115639.0	-5816.6	4127	9.8	120335.0	-5848.2	4217	9.3	121309.5	-5847.3
4038	10.0	115644.7	-5859.5	4128	10.0	120341.0	-5843.0	4218	9.9	121331.5	-5836.8
4039	9.0	115648.0	-5858.1	4129	10.0	120341.5	-5850.0	4219	10.2	121333.5	-5822.8
4040	10.2	115651.5	-5853.3	4130	9.7	120343.0	-5850.0	4220	9.8	121333.5	-5835.9
4041	9.9	115657.5	-5852.9	4131	9.3	120402.0	-5845.9	4221	9.9	121339.0	-5844.2
4042	10.0	115716.3	-5800.7	4132	9.8	120408.0	-5848.2	4222	9.8	121339.5	-5839.5
4043	9.8	115718.5	-5819.5	4133	8.8	120411.5	-5807.2	4223	10.2	121359.5	-5822.5
4044	9.0	115719.4	-5803.0	4134	10.0	120412.5	-5850.3	4224	9.6	121406.5	-5840.3
4045	10.0	115720.5	-5836.9	4135	8.4	120413.5	-5834.9	4225	9.6	121407.0	-5832.0
4046	9.6	115726.0	-5850.7	4136	10.0	120420.5	-5834.0	4226	8.2	121407.0	-5824.3
4047	10.0	115731.0	-5853.5	4137	9.0	120423.5	-5851.6	4227	10.0	121408.5	-5816.9
4048	8.5	115734.8	-5801.7	4138	9.8	120425.5	-5836.7	4228	10.2	121411.5	-5855.7
4049	9.4	115741.5	-5840.6	4139	10.0	120428.0	-5844.7	4229	10.2	121413.5	-5836.7
4050	10.2	115742.0	-5802.9	4140	10.0	120431.0	-5829.4	4230	8.9	121418.5	-5808.2
4051	9.9	115743.0	-5822.7	4141	9.6	120436.5	-5854.7	4231	10.2	121423.0	-5856.9
4052	10.2	115753.0	-5816.9	4142	9.0	120445.0	-5840.1	4232	10.2	121431.5	-5833.6
4053	10.2	115757.5	-5817.9	4143	10.2	120449.0	-5855.2	4233	10.0	121431.5	-5829.7
4054	10.0	115758.0	-5803.1	4144	10.2	120455.5	-5835.7	4234	10.0	121435.5	-5849.5
4055	10.2	115803.0	-5821.6	4145	9.4	120457.5	-5807.2	4235	10.0	121454.0	-5849.9
4236	10.0	121500.0	-5828.9								
4237	10.2	121502.0	-5815.9								
4238	9.0	121516.0	-5831.5								
4239	8.9	121518.0	-5812.4								
4240	10.2	121524.0	-5804.2								
4241	10.2	121535.5	-5800.2								
4242	9.2	121551.0	-5843.4								
4243	10.2	121554.0	-5827.7								
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4251	9.8	121633.5	-5828.9								
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4254	8.6	121647.0	-5859.8								
4255	9.7	121648.5	-5846.0								
4256	10.0	121703.0	-5826.3								
4257	9.2	121706.5	-5818.8								
4258	10.2	121707.8	-5800.6								
4259	10.2	121712.0	-5817.6								
4260	10.1	121712.8	-5811.1								
4261	10.2	121729.5	-5840.2								
4262	8.6	121730.0	-5817.0								
4263	8.5	121742.7	-5806.2								
4264	9.2	121747.7	-5814.7								
4265	10.1	121813.5	-5826.3								
4266	9.2	121818.5	-5858.2								
4267	9.1	121823.0	-5805.1								
4268	10.1	121826.8	-5800.3								
4269	10.2	121827.7	-5834.1								
4270	10.0	121828.0	-5809.5								
4271	10.2	121833.5	-5810.3								
4272	9.8	121849.0	-5803.0								
4273	10.1	121854.0	-5848.6								
4274	9.8	121854.5	-5809.0								
4275	10.2	121924.0	-5844.8								
4276	10.2	121929.0	-5829.0								
4277	9.7	121942.5	-5852.0								
4278	9.7	121949.5	-5851.3								
4279	10.0	121951.0	-5853.3								
4280	9.4	121954.0	-5847.3								
4281	10.4	121955.0	-5835.9								
4282	10.2	122006.8	-5835.1								
4283	9.7	122007.5	-5847.6								
4284	10.2	122009.0	-5813.8								
4285	9.8	122013.0	-5801.5								
4286	9.4	122024.0	-5804.3								
4287	10.1	122025.5	-5848.4								
4288	9.5	122032.0	-5800.7								
4289	8.3	122036.5	-5818.0								
4290	9.6	122058.0	-5810.7								
4291	9.4	122104.0	-5834.3								
4292	9.7	122104.5	-5813.0								
4293	10.1	122105.5	-5821.3								
4294	9.7	122106.0	-5830.5								
4295	9.4	122107.0	-5806.3								
4296	10.2	122116.5	-5835.6								
4297	10.2	122120.0	-5849.3								
4298	10.2	122120.0	-5847.8								
4299	9.6	122126.5	-5814.3								
4300	9.8	122128.5	-5824.3								
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4302	10.2	122133.0	-5827.8								
4303	10.2	122136.0	-5859.8								
4304	8.7	122142.0	-5808.7								
4305	10.2	122145.5	-5823.2								
4306	10.1	122147.0	-5836.5								
4307	9.8	122149.0	-5818.5								
4308	9.6	122150.5	-5836.8								
4309	10.0	122153.0	-5837.4								
4310	9.6	122158.0	-5820.6								
4311	10.2	122158.5	-5858.3								
4312	10.2	122201.0	-5802.9								
4313	8.5	122202.6	-5802.8								
4314	10.2	122203.3	-5858.4								
4315	10.1	122203.8	-5830.1								
4316	9.7	122206.5	-5856.9								
4317	10.2	122210.5	-5851.2								
4318	9.6	122214.3	-5801.5								
4319	9.6	122218.8	-5800.2								
4320	9.8	122227.5	-5813.4								
4321	10.1	122230.5	-5830.9								
4322	10.1	122233.0	-5822.3								
4323	9.6	122236.0	-5847.7								
4324	8.3	122238.5	-5823.6								
4325	9.5	122246.5	-5846.7								

-58 4326 12h22m

-58 4685 12h58m

4326	9.8	122249.5	-5819.9	4416	10.2	123142.0	-5827.2	4506	10.2	124007.0	-5845.7
4327	8.7	122255.0	-5804.9	4417	9.5	123145.0	-5857.3	4507	10.0	124017.0	-5854.4
4328	9.5	122255.5	-5810.6	4418	10.2	123153.0	-5850.8	4508	10.1	124025.5	-5844.3
4329	10.2	122300.0	-5847.6	4419	10.0	123159.5	-5826.9	4509	9.4	124030.8	-5842.0
4330	9.4	122314.0	-5815.1	4420	9.7	123219.0	-5849.0	4510	9.0	124031.0	-5824.1
4331	10.2	122316.8	-5803.0	4421	10.2	123232.5	-5827.0	4511	10.0	124034.0	-5853.2
4332	9.9	122342.5	-5846.7	4422	10.2	123242.5	-5804.0	4512	9.3	124038.0	-5841.3
4333	10.2	122344.5	-5832.2	4423	10.1	123249.0	-5826.3	4513	10.0	124044.0	-5825.7
4334	10.2	122345.0	-5839.7	4424	10.1	123250.0	-5855.3	4514	7.5	124044.5	-5854.7
4335	8.7	122408.0	-5851.0	4425	10.2	123252.5	-5827.4	4515	10.2	124049.0	-5841.3
4336	9.6	122413.5	-5802.0	4426	8.6	123253.0	-5854.0	4516	9.8	124053.0	-5842.8
4337	10.2	122417.0	-5841.7	4427	10.1	123301.0	-5825.8	4517	10.2	124101.0	-5833.4
4338	9.5	122422.5	-5818.3	4428	10.0	123305.8	-5809.2	4518	10.2	124105.0	-5813.6
4339	10.2	122426.0	-5841.7	4429	10.2	123307.5	-5838.7	4519	10.2	124108.5	-5825.0
4340	9.2	122427.0	-5834.8	4430	9.6	123330.0	-5803.6	4520	9.4	124108.5	-5824.3
4341	9.1	122437.0	-5831.1	4431	9.3	123335.0	-5815.0	4521	9.3	124121.5	-5811.2
4342	9.7	122438.5	-5846.9	4432	9.4	123335.0	-5804.4	4522	10.2	124128.0	-5850.1
4343	9.4	122440.0	-5806.8	4433	9.7	123339.5	-5845.1	4523	9.9	124128.5	-5833.3
4344	7.1	122443.0	-5843.9	4434	9.4	123341.5	-5857.4	4524	10.1	124148.0	-5851.7
4345	10.2	122456.0	-5837.2	4435	9.3	123342.0	-5815.0	4525	10.2	124152.5	-5858.1
4346	10.2	122500.0	-5840.0	4436	9.1	123359.5	-5807.5	4526	10.2	124153.5	-5852.6
4347	9.8	122515.5	-5849.4	4437	10.0	123420.5	-5822.1	4527	10.2	124155.0	-5836.4
4348	10.2	122516.0	-5824.4	4438	9.0	123422.0	-5814.2	4528	10.2	124156.0	-5827.5
4349	9.4	122517.0	-5817.4	4439	9.5	123441.5	-5835.4	4529	8.7	124218.0	-5812.3
4350	9.6	122518.0	-5823.7	4440	9.8	123445.0	-5827.3	4530	10.2	124218.5	-5839.1
4351	9.4	122522.0	-5813.4	4441	9.4	123445.0	-5848.3	4531	8.8	124227.0	-5818.9
4352	10.2	122523.5	-5811.1	4442	10.2	123449.5	-5848.5	4532	9.2	124228.5	-5811.5
4353	10.2	122540.0	-5841.2	4443	10.2	123505.8	-5817.0	4533	10.2	124234.5	-5808.9
4354	9.7	122543.5	-5855.4	4444	9.3	123513.0	-5816.3	4534	10.1	124236.0	-5842.4
4355	8.6	122557.5	-5845.2	4445	10.1	123515.8	-5820.9	4535	10.1	124247.0	-5829.8
4356	9.6	122558.0	-5837.0	4446	10.2	123516.0	-5852.6	4536	10.1	124253.3	-5852.0
4357	9.8	122558.0	-5846.0	4447	10.1	123525.0	-5853.2	4537	9.7	124254.0	-5839.3
4358	10.0	122618.0	-5850.5	4448	9.2	123539.0	-5810.1	4538	10.2	124256.0	-5839.9
4359	10.0	122621.5	-5853.4	4449	10.2	123543.8	-5800.1	4539	10.1	124256.5	-5819.5
4360	10.2	122626.5	-5859.4	4450	9.5	123545.0	-5839.3	4540	9.6	124300.5	-5808.7
4361	9.2	122631.0	-5843.3	4451	10.2	123557.5	-5805.4	4541	10.0	124314.5	-5831.6
4362	9.3	122636.5	-5846.2	4452	10.1	123602.0	-5843.1	4542	10.2	124319.0	-5812.9
4363	9.2	122639.0	-5825.3	4453	8.3	123617.0	-5813.1	4543	10.2	124319.5	-5804.8
4364	10.2	122639.5	-5820.3	4454	9.8	123622.0	-5813.1	4544	10.2	124322.5	-5811.9
4365	10.2	122646.0	-5851.3	4455	8.6	123622.0	-5838.3	4545	9.5	124322.5	-5851.5
4366	9.9	122648.5	-5802.4	4456	9.7	123625.0	-5824.2	4546	10.1	124330.0	-5806.2
4367	10.1	122700.0	-5827.7	4457	9.9	123630.5	-5834.5	4547	10.0	124339.5	-5842.6
4368	8.8	122703.0	-5834.1	4458	8.8	123640.5	-5839.0	4548	10.1	124339.5	-5803.3
4369	9.6	122703.5	-5823.9	4459	9.4	123655.0	-5833.1	4549	10.2	124342.5	-5801.5
4370	10.0	122706.0	-5813.9	4460	9.3	123658.0	-5818.2	4550	7.9	124355.5	-5823.4
4371	9.4	122706.0	-5810.4	4461	10.2	123700.5	-5814.1	4551	8.7	124356.5	-5805.3
4372	9.1	122708.3	-5857.2	4462	10.2	123702.8	-5842.4	4552	9.4	124359.0	-5851.4
4373	9.0	122718.4	-5801.7	4463	9.8	123712.5	-5814.2	4553	10.2	124405.0	-5854.1
4374	10.2	122723.0	-5852.2	4464	9.4	123712.5	-5811.3	4554	10.2	124407.5	-5816.2
4375	9.8	122724.0	-5854.1	4465	10.2	123712.8	-5825.7	4555	8.4	124414.5	-5836.0
4376	10.2	122752.0	-5855.3	4466	8.6	123713.0	-5821.3	4556	10.2	124418.0	-5836.5
4377	10.2	122802.0	-5854.4	4467	10.0	123719.5	-5811.1	4557	10.0	124422.0	-5807.9
4378	8.6	122803.0	-5841.0	4468	9.3	123723.5	-5828.4	4558	9.8	124431.0	-5807.3
4379	10.2	122803.5	-5809.8	4469	10.0	123727.0	-5859.4	4559	9.9	124431.0	-5840.9
4380	9.8	122806.0	-5853.9	4470	9.4	123736.0	-5833.6	4560	9.1	124436.5	-5830.1
4381	10.2	122824.0	-5827.3	4471	9.6	123740.5	-5815.6	4561	9.4	124441.2	-5858.4
4382	9.9	122824.5	-5847.4	4472	9.4	123748.5	-5844.2	4562	9.2	124453.0	-5818.6
4383	9.5	122825.0	-5853.5	4473	10.2	123752.5	-5816.2	4563	9.5	124455.5	-5817.0
4384	9.8	122842.5	-5846.9	4474	9.2	123755.5	-5857.2	4564	10.2	124459.0	-5827.4
4385	10.1	122844.0	-5841.3	4475	10.1	123756.0	-5832.2	4565	10.2	124503.0	-5803.4
4386	9.4	122846.0	-5853.7	4476	10.2	123801.0	-5803.0	4566	9.6	124503.3	-5823.1
4387	9.6	122850.5	-5850.6	4477	9.4	123803.0	-5852.7	4567	8.3	124504.5	-5804.2
4388	10.1	122858.0	-5857.2	4478	10.2	123804.5	-5838.2	4568	10.2	124506.5	-5823.4
4389	10.2	122901.5	-5804.0	4479	10.2	123826.0	-5834.4	4569	8.8	124518.0	-5833.7
4390	10.1	122906.0	-5800.5	4480	10.2	123828.0	-5821.6	4570	9.8	124518.0	-5855.8
4391	9.9	122906.5	-5812.3	4481	9.8	123833.0	-5836.0	4571	9.6	124522.5	-5825.3
4392	9.9	122908.0	-5837.2	4482	10.2	123834.5	-5806.0	4572	10.2	124551.0	-5825.1
4393	10.2	122915.5	-5833.3	4483	10.2	123843.5	-5844.2	4573	10.2	124551.0	-5805.4
4394	9.2	122922.0	-5807.0	4484	10.1	123845.5	-5844.0	4574	10.1	124554.0	-5856.4
4395	10.1	122934.5	-5847.7	4485	10.2	123846.4	-5802.4	4575	10.1	124602.5	-5829.8
4396	10.2	122944.5	-5833.2	4486	10.2	123848.0	-5814.3	4576	9.1	124605.5	-5821.3
4397	10.0	122946.0	-5848.4	4487	10.0	123855.5	-5815.4	4577	10.0	124616.5	-5826.2
4398	9.6	122946.8	-5826.5	4488	9.4	123859.5	-5851.2	4578	9.3	124622.0	-5839.0
4399	10.0	122948.7	-5857.9	4489	9.3	123904.0	-5851.0	4579	9.4	124639.5	-5812.2
4400	9.7	122949.0	-5817.3	4490	8.8	123906.5	-5826.4	4580	9.8	124639.5	-5830.5
4401	9.5	122949.5	-5805.6	4491	10.0	123906.8	-5841.4	4581	9.4	124645.5	-5832.7
4402	8.8	122951.0	-5849.2	4492	9.5	123907.0	-5853.5	4582	10.2	124654.5	-5832.4
4403	9.8	122955.0	-5856.3	4493	9.8	123907.8	-5849.1	4583	9.2	124702.5	-5837.4
4404	9.3	122959.0	-5857.1	4494	9.0	123919.5	-5840.1	4584	5.1	124713.0	-5828.0
4405	9.8	122959.2	-5858.4	4495	9.5	123921.0	-5840.9	4585	9.8	124717.0	-5851.4
4406	10.2	123019.0	-5836.8	4496	9.7	123924.5	-5800.8	4586	10.2	124722.0	-5813.4
4407	9.9	123027.5	-5851.1	4497	9.7	123926.0	-5816.4	4587	10.2	124723.0	-5814.6
4408	10.2	123056.0	-5849.3	4498	9.4	123932.0	-5840.2	4588	10.0	124730.5	-5833.5
4409	8.9	123112.5	-5835.8	4499	9.2	123935.5	-5838.4	4589	8.7	124743.5	-5820.3
4410	9.7	123114.5	-5850.4	4500	10.2	123938.8	-5813.1	4590	9.3	124745.5	-5806.5
4411	10.2	123116.0	-5859.3	4501	10.2	123939.0	-5834.6	4591	10.0	124748.0	-5814.6
4412	9.8	123116.5	-5833.6	4502	10.2	123945.5	-5834.2	4592	10.2	124754.5	-5807.3
4413	10.2	123120.5	-5809.1	4503	10.2	123946.0	-5852.3	4593	9.0	124811.5	-5820.4
4414	10.2	123133.0	-5837.4	4504	8.8	123949.5	-5850.4	4594	9.6	124815.0	-5820.3
4415	10.2	123133.0	-5828.1	4505	9.1	123952.0	-5828.7	4595	10.2	124820.0	-5853.9
4596	10.2	124825.0	-5832.0								
4597	9.4	124838.5	-5842.1								
4598	9.4	124849.0	-5836.9								
4599	9.2	124852.5	-5810.9								
4600	10.2	124858.5	-5802.7								
4601	8.7	124905.0	-5849.0								
4602	9.8	124905.5	-5813.3								
4603	10.1	124905.8	-5855.8								
4604	9.4	124910.5	-5832.0								
4605	9.7	124920.5	-5842.0								
4606	9.8	124924.0	-5824.5								
4607	8.6	124933.0	-5821.3								
4608	9.5	124938.0	-5820.7								
4609	10.2	124940.0	-5818.4								
4610	10.2	124955.0	-5838.3								
4611	10.2	125003.0	-5839.2								
4612	8.8	125014.0	-5828.3								
4613	10.2	125030.8	-5824.8								
4614	9.8	125031.5	-5856.3								
4615	8.5	125033.0	-5824.4								
4616	8.8	125049.0	-5810.0								
4617	8.8	125055.5	-5834.4								
4618	9.7	125105.0	-5814.2								
4619	10.2	125118.0	-5850.2								
4620	9.6	125121.5	-5807.9								
4621	9.0	125124.0	-5809.6								
4622	10.2	125125.0	-5846.2								
4623	9.8	125139.0	-5819.8								
4624	9.8	125155.0	-5816.4								
4625	9.4	125205.3	-5859.4								
4626	9.5	125206.5	-5852.3								
4627	9.7	125209.5	-5813.4								
4628	9.5	125217.5	-5807.3								
4629	9.2	125223.5	-5855.4								
4630	10.2	125224.0	-5857.1								
4631	10.2	125235.0	-5821.7								
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4634	10.2	125244.5	-5804.1								
4635	9.2	125249.0	-5812.2								
4636	8.6	125254.0	-5816.4								
4637	9.8	125256.0	-5836.3								
4638	8.6	125256.5	-5804.8								
4639	8.8	125302.0	-5854.3								
4640	9.3	125313.0	-5855.3								
4641	9.4	125317.7	-5802.8								
4642	9.1	125331.5	-5804.1								
4643	9.0	125342.0	-5847.1								
4644	9.2	125346.0	-5850.0								
4645	10.1	125353.0	-5853.4								
4646	9.5	125356.2	-5804.1								
4647	9.7	125407.0	-5807.3								
4648	10.1	125407.5	-5803.3								
4649	9.8	125408.0	-5825.6								
4650	9.2	125412.7	-5828.4								
4651	9.8	125415.5	-5855.6								
4652	9.8	125431.8	-5859.4								
4653	9.8	125433.0	-5831.4								
4654	9.9	125436.5	-5842.6								
4655	9.4	125452.5	-5843.9								
4656	10.0	125508.0	-5802.2								
4657	10.1	125510.5	-5801.5								
4658	9.1	125515.5	-5826.2								
4659	8.5	125529.2	-5856.3								
4660	8.5	125545.0	-5855.7								
4661	8.9	125552.5	-5831.9								
4662	10.0	125555.0	-5802.8								
4663	9.2	125558.0	-5819.5								
4664	10.0	125609.5	-5853.6								
4665	10.0	125615.5	-5827.4								
4666	9.6	125616.0	-5816.8								
4667	9.7	125617.0	-5846.4								
4668	8.4	125619.0	-5818.0								
4669	9.1	125620.0	-5851.4								
4670	10.1	125629.0	-5830.6								
4671	9.3	125638.5	-5807.7								
4672	10.0	125641.2	-5827.6								
4673	10.1	125701.5	-5827.1								
4674	10.1	125717.5	-5847.2								
4675	9.9	125722.5	-5810.5								
4676	9.2	125731.5	-5859.4								
4677	9.2	125735.0	-5824.8								
4678	10.1	125741.0	-5831.8								
4679	9.2	125752.0	-5836.6								
4680	9.6	125759.0	-5847.6								
4681	10.1	125801.0	-5828.8								
4682	9.0	125846.0	-5830.2								
4683	8.5	125849.5	-5855.4								
4684	9.8	125852.5	-5811.0								
4685	9.6	125855.5	-5825.9								

4686	9.8	125858.5	-5826.6	4776	10.1	131011.0	-5803.8	4866	10.1	131822.5	-5822.6	4956	8.4	132740.5	-5810.4
4687	9.0	125906.0	-5856.8	4777	9.8	131023.0	-5850.0	4867	8.9	131828.0	-5839.8	4957	9.2	132741.0	-5832.7
4688	8.2	125908.5	-5846.4	4778	9.2	131025.0	-5857.4	4868	10.1	131828.5	-5821.8	4958	9.3	132759.5	-5858.0
4689	10.1	125919.5	-5857.8	4779	9.8	131027.0	-5836.6	4869	8.8	131831.0	-5814.9	4959	9.7	132800.5	-5851.4
4690	9.8	125920.0	-5842.4	4780	10.1	131047.5	-5816.7	4870	9.2	131834.5	-5828.2	4960	10.1	132800.5	-5824.0
4691	8.4	125924.5	-5808.2	4781	10.1	131048.0	-5819.0	4871	9.1	131842.0	-5816.8	4961	9.8	132803.5	-5826.2
4692	10.1	125925.0	-5825.4	4782	8.8	131049.0	-5821.0	4872	10.0	131849.5	-5838.6	4962	9.7	132811.0	-5851.1
4693	10.0	125928.0	-5841.7	4783	10.0	131050.0	-5805.6	4873	9.8	131857.5	-5821.9	4963	9.1	132813.5	-5859.5
4694	9.0	125928.0	-5805.6	4784	10.0	131050.2	-5834.2	4874	8.8	131859.0	-5841.0	4964	9.4	132817.0	-5850.4
4695	10.1	125929.2	-5841.7	4785	10.0	131051.0	-5844.0	4875	10.1	131901.0	-5825.3	4965	10.1	132820.0	-5831.0
4696	9.6	125935.0	-5803.4	4786	10.1	131052.0	-5838.8	4876	9.8	131901.0	-5810.7	4966	10.1	132824.0	-5815.7
4697	10.0	125940.0	-5811.3	4787	10.1	131055.0	-5800.6	4877	8.9	131903.5	-5835.6	4967	9.1	132824.0	-5818.0
4698	10.0	125945.5	-5817.3	4788	10.1	131056.5	-5813.6	4878	8.9	131907.5	-5849.2	4968	10.1	132825.0	-5845.0
4699	8.8	125956.0	-5811.4	4789	9.0	131059.0	-5840.8	4879	8.8	131909.0	-5859.1	4969	9.6	132828.5	-5844.8
4700	9.6	125959.5	-5823.8	4790	8.1	131059.0	-5833.7	4880	9.4	131926.0	-5822.1	4970	10.1	132836.0	-5826.7
4701	10.0	130012.0	-5847.5	4791	10.1	131101.0	-5814.1	4881	8.9	131928.0	-5829.9	4971	10.1	132838.5	-5849.8
4702	9.6	130012.0	-5850.6	4792	9.9	131106.0	-5854.9	4882	10.1	131934.5	-5858.2	4972	10.0	132850.0	-5842.8
4703	10.1	130030.0	-5814.1	4793	9.0	131106.0	-5816.1	4883	9.8	131939.0	-5818.7	4973	9.2	132854.0	-5830.9
4704	10.0	130041.2	-5822.4	4794	9.2	131109.5	-5832.0	4884	9.8	131939.0	-5808.9	4974	9.2	132855.0	-5820.0
4705	9.8	130055.5	-5833.1	4795	10.0	131114.0	-5824.6	4885	10.1	131940.0	-5824.0	4975	9.8	132902.5	-5855.7
4706	9.6	130114.0	-5858.6	4796	9.8	131121.0	-5800.8	4886	9.2	131952.5	-5815.3	4976	9.1	132907.0	-5856.4
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4708	9.9	130127.9	-5800.4	4798	8.3	131125.5	-5848.7	4888	9.6	132013.0	-5827.1	4978	9.4	132920.5	-5846.0
4709	9.4	130128.0	-5810.4	4799	10.1	131133.3	-5848.4	4889	8.1	132016.5	-5852.9	4979	9.4	132924.0	-5854.8
4710	9.7	130128.0	-5808.9	4800	9.7	131133.5	-5825.4	4890	10.1	132022.2	-5801.9	4980	8.9	132924.3	-5819.8
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4712	9.9	130142.5	-5840.0	4802	10.0	131137.0	-5807.0	4892	10.1	132045.5	-5829.6	4982	8.8	132939.7	-5846.2
4713	8.9	130149.0	-5804.6	4803	8.4	131137.0	-5835.0	4893	8.9	132049.5	-5811.6	4983	9.6	132940.3	-5842.8
4714	9.8	130157.0	-5853.7	4804	10.1	131145.5	-5817.9	4894	8.1	132100.5	-5817.5	4984	10.0	132941.0	-5843.9
4715	9.8	130200.0	-5807.2	4805	10.1	131152.5	-5810.6	4895	9.7	132100.7	-5801.6	4985	9.4	132942.5	-5814.1
4716	9.8	130209.2	-5800.8	4806	10.1	131201.6	-5800.8	4896	9.8	132106.0	-5823.8	4986	10.0	133011.0	-5817.5
4717	9.0	130216.5	-5831.2	4807	9.4	131202.5	-5856.8	4897	10.1	132111.5	-5829.9	4987	9.1	133011.8	-5806.7
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4719	9.8	130225.5	-5800.7	4809	8.8	131212.0	-5846.8	4899	10.1	132120.5	-5848.5	4989	10.0	133019.5	-5841.5
4720	9.1	130239.0	-5828.4	4810	9.8	131218.5	-5849.8	4900	10.1	132121.5	-5822.1	4990	9.4	133021.5	-5804.3
4721	9.6	130248.5	-5812.8	4811	9.4	131225.5	-5822.9	4901	10.1	132125.0	-5809.8	4991	10.0	133022.5	-5819.6
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4724	10.1	130337.2	-5804.7	4814	10.1	131235.5	-5824.5	4904	9.1	132152.5	-5853.4	4994	9.3	133033.3	-5811.7
4725	8.6	130343.5	-5800.8	4815	10.1	131238.0	-5800.6	4905	10.1	132159.5	-5802.0	4995	10.0	133035.5	-5825.2
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4727	8.6	130358.5	-5831.4	4817	9.0	131255.0	-5830.5	4907	9.8	132202.5	-5827.9	4997	8.9	133039.0	-5808.9
4728	9.2	130424.5	-5820.9	4818	10.1	131303.0	-5814.5	4908	8.4	132221.0	-5845.5	4998	10.1	133041.5	-5800.8
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4734	10.1	130528.5	-5814.3	4824	10.1	131357.0	-5811.0	4914	9.0	132251.5	-5822.3	5004	9.3	133102.0	-5848.9
4735	10.1	130528.5	-5822.2	4825	9.8	131406.8	-5800.4	4915	8.9	132252.0	-5803.5	5005	10.0	133109.0	-5844.9
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4744	10.1	130638.5	-5812.2	4834	9.4	131516.0	-5855.8	4924	9.3	132347.5	-5800.4	5014	9.6	133125.0	-5832.4
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4748	9.8	130705.0	-5834.8	4838	10.1	131550.5	-5840.9	4928	9.6	132427.0	-5839.7	5018	9.6	133204.5	-5831.2
4749	10.1	130712.2	-5815.9	4839	10.0	131550.5	-5837.2	4929	8.4	132443.0	-5835.8	5019	10.0	133208.5	-5821.7
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4752	9.4	130739.5	-5806.3	4842	9.2	131553.0	-5815.8	4932	8.9	132508.0	-5854.5	5022	9.2	133216.0	-5822.6
4753	9.3	130745.5	-5807.7	4843	8.4	131601.5	-5851.0	4933	9.7	132518.5	-5808.8	5023	10.1	133218.5	-5838.3
4754	9.8	130803.0	-5807.0	4844	9.0	131606.5	-5841.3	4934	8.6	132525.5	-5831.1	5024	9.4	133220.5	-5829.1
4755	9.9	130806.5	-5848.7	4845	9.0	131613.5	-5823.6	4935	10.1	132532.5	-5806.9	5025	9.6	133225.0	-5811.0
4756	9.4	130809.0	-5854.3	4846	9.6	131620.0	-5813.8	4936	10.0	132533.5	-5829.8	5026	9.0	133227.5	-5843.5
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4763	8.4	130832.2	-5813.3	4853	10.1	131653.5	-5819.3	4943	8.1	132618.5	-5851.9	5033	10.0	133242.5	-5846.0
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4766	9.9	130842.0	-5803.5	4856	10.0	131704.5	-5829.7	4946	10.0	132623.0	-5835.9	5036	9.6	133249.5	-5814.7
4767	10.1	130852.0	-5859.8	4857	10.1	131712.8	-5840.2	4947	10.1	132627.0	-5801.1	5037	9.4	133251.0	-5848.5
4768	9.8	130900.0	-5824.6	4858	8.4	131713.0	-5815.8	4948	9.0	132629.5	-5834.3	5038	7.9	133252.0	-5835.6
4769	10.1	130922.5	-5824.6	4859	9.8	131720.7	-5800.4	4949	10.0	132644.5	-5842.0	5039	10.0	133254.5	-5808.5
4770	9.0	130923.0	-5806.0	4860	9.7	131720.8	-5850.5	4950	8.1	132653.0	-5809.7	5040	10.1	133255.5	-5843.4
4771	8.5	130933.5	-5808.0	4861	9.8	131727.5	-5819.4	4951	10.0	132653.5	-5833.3	5041	10.0	133257.5	-5845.2
4772	9.8	130941.5	-5837.6	4862	8.8	131729.0	-5803.8	4952	9.2	132657.0	-5806.4	5042	9.7	133258.0	-5834.5
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5475 10.3 141103.5 -5808.1	5565 10.0 142139.5 -5805.4	5655 10.3 143050.5 -5856.1	5745 9.4 144509.0 -5820.9
5476 10.2 141106.5 -5809.4	5566 10.0 142140.5 -5820.4	5656 9.8 143053.5 -5826.2	5746 9.4 144513.0 -5819.9
5477 10.0 141110.0 -5826.5	5567 10.2 142143.0 -5802.4	5657 10.0 143055.0 -5846.1	5747 9.5 144514.0 -5805.6
5478 9.7 141119.5 -5826.5	5568 10.2 142145.0 -5825.0	5658 10.2 143100.5 -5815.2	5748 9.2 144517.0 -5803.2
5479 10.0 141120.5 -5852.4	5569 10.3 142147.0 -5815.8	5659 10.2 143119.5 -5804.1	5749 9.7 144527.5 -5826.1
5480 10.2 141120.5 -5834.8	5570 10.3 142149.0 -5830.1	5660 8.7 143135.0 -5847.2	5750 9.9 144536.0 -5840.7
5481 8.6 141120.5 -5837.2	5571 9.2 142154.5 -5806.9	5661 8.0 143118.4 -5800.9	5751 9.9 144537.5 -5834.7
5482 9.6 141126.5 -5809.4	5572 10.2 142156.0 -5815.3	5662 10.3 143120.0 -5836.9	5752 9.4 144541.0 -5855.9
5483 10.3 141130.5 -5808.4	5573 10.3 142208.0 -5833.9	5663 10.0 143121.0 -5832.2	5753 9.5 144554.0 -5836.7
5484 8.5 141132.5 -5852.2	5574 9.9 142214.0 -5836.5	5664 9.8 143128.0 -5825.1	5754 9.9 144558.0 -5813.2
5485 10.2 141139.5 -5830.8	5575 10.2 142224.5 -5835.4	5665 9.5 143130.0 -5815.0	5755 9.7 144608.0 -5842.3
5486 10.3 141140.5 -5829.2	5576 8.6 142238.5 -5819.9	5666 10.2 143158.5 -5851.0	5756 8.8 144608.0 -5819.8
5487 9.2 141141.0 -5832.7	5577 9.8 142240.5 -5854.2	5667 8.7 143205.5 -5845.4	5757 9.7 144615.5 -5822.9
5488 9.0 141141.5 -5834.2	5578 9.3 142251.5 -5808.8	5668 8.7 143209.0 -5835.4	5758 9.9 144641.0 -5838.1
5489 9.7 141147.0 -5851.3	5579 10.0 142254.5 -5816.9	5669 10.3 143211.0 -5828.1	5759 9.9 144647.0 -5837.3
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5492 10.3 141208.5 -5819.4	5582 9.5 142317.5 -5831.8	5672 7.2 143239.0 -5804.7	5762 9.5 144721.5 -5815.9
5493 9.8 141233.0 -5836.6	5583 9.0 142321.5 -5803.3	5673 9.0 143242.5 -5831.1	5763 9.9 144741.5 -5805.5
5494 9.4 141238.0 -5818.8	5584 10.0 142337.5 -5805.2	5674 10.3 143312.5 -5830.4	5764 9.4 144749.0 -5850.5
5495 8.9 141240.5 -5814.8	5585 10.2 142344.0 -5810.6	5675 10.2 143314.0 -5839.2	5765 9.2 144757.0 -5802.6

-58 5765 14h47m

-58 5766 14h48m

5766 9.9 144801.0 -5804.9	5856 9.2 150424.0 -5847.4	5946 9.7 151837.4 -5858.6	6036 9.6 152354.3 -5836.5
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5768 9.4 144824.0 -5846.1	5858 9.0 150436.5 -5803.0	5948 9.9 151841.9 -5859.2	6038 10.0 152356.6 -5826.1
5769 9.8 144842.0 -5858.8	5859 9.2 150443.5 -5809.0	5949 9.8 151850.5 -5836.2	6039 9.4 152356.8 -5848.8
5770 9.6 144906.5 -5832.4	5860 9.9 150522.0 -5827.4	5950 9.6 151856.1 -5805.5	6040 9.6 152358.8 -5840.2
5771 9.4 144937.0 -5803.5	5861 9.0 150524.5 -5828.4	5951 8.6 151857.0 -5845.0	6041 9.7 152411.3 -5830.4
5772 9.5 144941.5 -5835.9	5862 8.8 150528.0 -5815.7	5952 10.0 151900.0 -5842.0	6042 9.8 152415.9 -5825.5
5773 9.4 145010.0 -5826.4	5863 9.4 150530.5 -5806.3	5953 9.7 151900.5 -5838.8	6043 9.8 152417.3 -5850.9
5774 9.7 145010.5 -5813.9	5864 9.9 150531.5 -5845.9	5954 9.7 151905.6 -5816.2	6044 9.4 152419.7 -5803.1
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5778 8.9 145038.0 -5825.9	5868 9.9 150545.0 -5803.8	5958 9.7 151924.1 -5827.0	6048 9.5 152427.9 -5808.1
5779 9.9 145038.0 -5807.7	5869 9.6 150547.5 -5856.0	5959 10.1 151925.0 -5854.2	6049 9.9 152431.4 -5824.3
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5782 9.6 145137.5 -5804.9	5872 9.6 150739.0 -5831.4	5962 9.6 151949.6 -5808.6	6052 10.1 152441.8 -5830.6
5783 9.4 145159.5 -5827.9	5873 9.4 150740.0 -5815.8	5963 9.6 151950.0 -5838.2	6053 9.6 152441.9 -5817.5
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5789 9.2 145243.7 -5859.9	5879 9.6 150825.5 -5858.5	5969 9.3 152003.6 -5805.1	6059 10.1 152458.3 -5816.1
5790 9.9 145249.0 -5847.9	5880 8.6 150834.0 -5813.8	5970 10.0 152008.5 -5854.3	6060 9.8 152459.8 -5818.9
5791 9.2 145329.0 -5804.3	5881 8.9 150840.0 -5856.6	5971 9.9 152010.1 -5805.0	6061 9.2 152508.2 -5853.0
5792 9.2 145339.0 -5812.3	5882 9.9 150912.5 -5835.0	5972 9.9 152010.2 -5859.8	6062 10.1 152509.1 -5845.6
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5794 9.9 145403.0 -5843.4	5884 9.9 150924.5 -5826.1	5974 9.8 152018.0 -5851.4	6064 9.9 152514.8 -5814.6
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5799 9.9 145505.0 -5850.9	5889 9.7 151023.5 -5824.7	5979 9.8 152036.0 -5825.2	6069 10.1 152524.7 -5854.0
5800 9.9 145514.0 -5846.0	5890 9.9 151032.0 -5812.9	5980 9.6 152039.0 -5805.5	6070 10.0 152526.2 -5848.9
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5806 9.0 145624.0 -5831.3	5896 8.2 151219.5 -5824.1	5986 10.1 152108.0 -5817.3	6076 10.0 152546.7 -5841.0
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5808 9.7 145723.5 -5809.9	5898 8.9 151230.5 -5824.5	5988 10.0 152117.5 -5811.9	6078 10.0 152557.2 -5853.7
5809 9.4 145730.5 -5828.9	5899 9.9 151242.0 -5826.9	5989 9.7 152117.5 -5809.7	6079 10.1 152557.3 -5815.9
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5811 9.5 145737.5 -5819.5	5901 7.8 151250.0 -5841.3	5991 9.2 152120.0 -5803.5	6081 10.0 152605.2 -5844.3
5812 9.7 145750.0 -5853.7	5902 9.9 151252.5 -5845.5	5992 10.1 152121.0 -5846.0	6082 9.1 152610.3 -5822.7
5813 9.8 145758.0 -5846.7	5903 9.9 151257.5 -5837.7	5993 9.2 152138.0 -5807.5	6083 9.8 152613.2 -5851.1
5814 9.8 145804.0 -5850.5	5904 9.2 151304.5 -5823.9	5994 9.4 152144.4 -5857.3	6084 10.1 152615.7 -5852.2
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5816 9.7 145812.5 -5804.8	5906 9.5 151319.0 -5859.9	5996 8.9 152146.9 -5835.8	6086 10.0 152627.8 -5817.9
5817 9.2 145816.5 -5803.9	5907 9.2 151319.5 -5834.6	5997 9.1 152150.9 -5849.1	6087 9.6 152630.3 -5805.5
5818 9.2 145823.0 -5815.9	5908 5.3 151324.5 -5852.1	5998 9.6 152154.9 -5856.7	6088 9.4 152635.7 -5854.6
5819 9.6 145826.0 -5832.2	5909 9.8 151330.5 -5849.2	5999 9.8 152156.0 -5827.4	6089 8.6 152641.8 -5809.4
5820 8.3 145835.5 -5813.0	5910 8.9 151341.5 -5840.9	6000 10.0 152204.4 -5833.2	6090 9.8 152643.7 -5843.4
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5824 9.4 145908.5 -5805.6	5914 9.8 151435.5 -5857.6	6004 9.8 152218.9 -5831.0	6094 9.6 152656.7 -5806.0
5825 8.2 145911.0 -5839.4	5915 9.5 151442.0 -5803.9	6005 9.6 152221.5 -5810.1	6095 9.4 152657.1 -5854.8
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5827 9.9 145921.5 -5855.4	5917 9.4 151504.5 -5858.5	6007 10.0 152225.4 -5832.8	6097 9.8 152703.2 -5807.5
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5830 9.9 145934.0 -5855.3	5920 9.2 151604.5 -5810.3	6010 9.2 152238.0 -5825.6	6100 10.1 152717.7 -5800.7
5831 9.7 145936.0 -5804.3	5921 8.3 151621.7 -5859.1	6011 9.9 152244.4 -5841.9	6101 9.9 152721.4 -5815.7
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5833 9.0 150030.5 -5836.2	5923 9.2 151630.0 -5850.7	6013 10.0 152245.0 -5824.2	6103 9.9 152726.2 -5801.0
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5837 9.8 150127.0 -5858.1	5927 8.8 151714.5 -5831.6	6017 10.0 152251.3 -5853.6	6107 9.2 152741.7 -5806.0
5838 8.9 150129.5 -5823.6	5928 8.8 151716.0 -5831.1	6018 9.9 152253.8 -5842.7	6108 9.4 152743.2 -5859.1
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5843 9.5 150221.0 -5809.2	5933 10.1 151736.7 -5803.7	6023 10.0 152316.4 -5826.8	6113 9.7 152759.2 -5818.8
5844 9.7 150237.0 -5827.1	5934 9.1 151743.2 -5807.1	6024 9.8 152318.4 -5813.4	6114 10.0 152801.1 -5833.0
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5846 9.4 150242.0 -5848.4	5936 9.8 151751.7 -5835.3	6026 9.7 152324.4 -5813.2	6116 9.1 152816.2 -5819.3
5847 9.5 150250.5 -5835.4	5937 9.6 151753.1 -5817.9	6027 10.0 152330.8 -5832.5	6117 9.3 152817.1 -5832.7
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5852 9.9 150329.0 -5840.2	5942 10.0 151821.5 -5831.0	6032 9.6 152344.6 -5815.0	6122 10.0 152843.6 -5853.8
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5854 9.4 150413.5 -5808.2	5944 10.0 151827.0 -5850.5	6034 8.6 152352.6 -5805.7	6124 9.8 152854.2 -5804.1
5855 9.0 150417.0 -5809.0	5945 9.6 151832.3 -5814.8	6035 10.0 152353.8 -5846.7	6125 10.0 152855.2 -5821.8

-58 6125 15h28m

-58 6126 15h29m

-58 6485 15h46m

6126	10.0	152909.2	-5809.9	6216	9.6	153354.6	-5858.6	6306	10.1	153738.5	-5825.0
6127	8.9	152910.1	-5847.6	6217	10.0	153354.9	-5840.6	6307	9.4	153740.9	-5844.7
6128	9.6	152915.6	-5831.0	6218	8.7	153357.4	-5835.2	6308	10.0	153741.5	-5829.8
6129	9.2	152926.2	-5819.1	6219	9.6	153357.9	-5842.6	6309	8.9	153747.8	-5800.4
6130	9.6	152926.7	-5814.8	6220	10.1	153359.9	-5855.0	6310	9.6	153747.9	-5853.6
6131	10.0	152937.2	-5822.0	6221	9.8	153401.0	-5811.9	6311	10.0	153754.3	-5828.6
6132	8.8	152941.5	-5843.6	6222	10.1	153402.0	-5821.7	6312	9.2	153756.4	-5851.2
6133	9.4	152943.0	-5843.1	6223	9.7	153402.9	-5835.2	6313	10.0	153756.4	-5841.6
6134	10.1	152948.6	-5804.0	6224	10.0	153405.0	-5819.1	6314	9.9	153757.0	-5811.5
6135	10.1	152954.0	-5833.6	6225	10.0	153405.4	-5854.1	6315	9.8	153757.9	-5842.9
6136	10.1	152954.0	-5856.6	6226	10.0	153406.4	-5850.6	6316	9.9	153759.9	-5850.5
6137	9.7	153008.1	-5820.7	6227	9.3	153409.0	-5806.8	6317	9.7	153801.0	-5805.3
6138	10.0	153012.6	-5803.3	6228	9.8	153409.2	-5821.4	6318	9.6	153810.4	-5856.1
6139	8.9	153014.0	-5843.5	6229	10.1	153413.9	-5845.0	6319	9.8	153814.4	-5842.6
6140	10.0	153024.0	-5838.5	6230	9.9	153415.5	-5816.5	6320	9.8	153815.5	-5826.9
6141	10.1	153028.5	-5844.0	6231	9.5	153418.5	-5822.5	6321	9.8	153817.5	-5813.7
6142	10.1	153044.6	-5806.7	6232	9.4	153420.0	-5819.6	6322	9.8	153820.4	-5859.1
6143	9.6	153047.0	-5837.9	6233	10.1	153424.0	-5818.8	6323	9.8	153822.6	-5856.7
6144	10.1	153059.0	-5831.5	6234	9.7	153426.6	-5859.8	6324	8.0	153831.0	-5827.9
6145	8.8	153100.5	-5845.3	6235	9.7	153426.9	-5841.0	6325	9.9	153831.4	-5838.7
6146	9.9	153101.1	-5828.3	6236	9.8	153428.4	-5843.2	6326	9.9	153837.4	-5835.7
6147	9.8	153104.6	-5827.0	6237	9.2	153431.4	-5848.4	6327	10.0	153838.3	-5828.3
6148	10.0	153108.5	-5854.2	6238	9.8	153434.0	-5826.6	6328	9.8	153842.5	-5800.3
6149	9.8	153109.1	-5808.2	6239	9.7	153438.9	-5842.8	6329	9.6	153849.0	-5803.9
6150	9.8	153112.1	-5822.3	6240	10.1	153440.9	-5839.6	6330	9.2	153849.9	-5837.5
6151	9.7	153113.6	-5811.6	6241	9.6	153441.5	-5823.8	6331	10.0	153850.5	-5822.2
6152	9.8	153114.1	-5813.7	6242	10.1	153443.9	-5832.8	6332	9.8	153854.0	-5810.0
6153	9.9	153116.1	-5811.9	6243	8.0	153449.4	-5843.4	6333	10.1	153854.5	-5823.7
6154	8.3	153118.6	-5821.9	6244	9.7	153449.4	-5844.2	6334	9.7	153858.9	-5836.3
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6156	9.3	153131.6	-5807.1	6246	9.2	153457.5	-5824.7	6336	10.1	153903.9	-5848.9
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6158	9.8	153134.6	-5809.5	6248	10.0	153502.0	-5800.6	6338	9.5	153907.9	-5844.2
6159	10.0	153136.5	-5846.6	6249	10.0	153502.5	-5800.1	6339	9.2	153909.0	-5824.4
6160	9.6	153137.5	-5846.2	6250	8.2	153505.5	-5817.0	6340	10.1	153911.0	-5830.0
6161	10.0	153140.6	-5806.3	6251	10.1	153508.4	-5837.1	6341	10.0	153916.9	-5848.4
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6179	9.6	153240.9	-5832.4	6269	10.1	153537.9	-5835.6	6359	9.9	154014.5	-5802.6
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6191	9.8	153254.9	-5855.8	6281	9.8	153602.9	-5835.3	6371	9.8	154039.5	-5829.8
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6207	10.1	153330.6	-5832.3	6297	9.3	153715.5	-5821.4	6387	10.1	154113.5	-5807.1
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6486 9.4 154635.8 -5813.9	6576 9.5 155110.0 -5812.4	6666 10.0 160047.5 -5804.3	6756 10.0 161041.0 -5823.7
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-58 6845 16h27m

6846	10.0	162827.5	-5829.5	6936	9.6	164613.5	-5824.0	7026	8.9	170429.2	-5815.7	7116	9.0	171443.7	-5817.3
6847	10.0	162829.0	-5853.0	6937	9.2	164627.0	-5819.4	7027	8.5	170505.5	-5807.1	7117	9.8	171444.2	-5804.4
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6853	10.0	162900.5	-5819.8	6943	9.7	164710.0	-5855.9	7033	9.8	170549.9	-5843.5	7123	10.0	171510.2	-5829.4
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6855	9.4	162917.0	-5807.7	6945	7.8	164719.0	-5847.4	7035	10.0	170601.8	-5809.8	7125	9.8	171519.7	-5810.3
6856	10.0	162933.0	-5843.2	6946	9.7	164738.5	-5831.9	7036	9.9	170608.5	-5820.1	7126	8.8	171532.2	-5828.5
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6864	7.6	163014.0	-5837.1	6954	9.8	164827.0	-5836.8	7044	9.5	170637.4	-5856.8	7134	9.2	171628.1	-5846.4
6865	9.1	163014.2	-5821.0	6955	9.7	164903.0	-5858.1	7045	9.9	170643.0	-5805.9	7135	9.8	171635.1	-5847.0
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6885	8.4	163449.0	-5819.9	6975	7.8	165221.0	-5821.5	7065	9.4	170857.3	-5859.7	7155	9.8	172013.8	-5834.3
6886	9.8	163449.5	-5836.6	6976	8.6	165227.5	-5833.0	7066	9.8	170922.8	-5830.4	7156	9.6	172016.3	-5830.6
6887	9.2	163452.5	-5835.5	6977	9.7	165228.0	-5835.8	7067	9.6	170936.4	-5823.9	7157	10.0	172029.3	-5837.0
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6894	9.7	163644.0	-5827.1	6984	8.8	165400.0	-5833.6	7074	10.0	171041.3	-5858.3	7164	10.0	172128.4	-5819.7
6895	9.8	163703.0	-5826.8	6985	7.5	165402.5	-5845.7	7075	9.9	171052.3	-5855.7	7165	9.4	172130.4	-5818.1
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6901	9.4	163757.0	-5819.0	6991	8.9	165540.5	-5802.5	7081	9.6	171128.8	-5845.6	7171	9.5	172226.9	-5821.1
6902	9.0	163800.5	-5805.4	6992	9.4	165542.5	-5853.0	7082	9.6	171128.9	-5822.7	7172	9.8	172231.4	-5826.3
6903	9.3	163801.5	-5824.8	6993	9.6	165545.0	-5828.4	7083	9.6	171129.3	-5840.8	7173	9.8	172241.9	-5804.0
6904	9.0	163841.5	-5807.8	6994	10.0	165604.8	-5802.8	7084	9.6	171129.8	-5852.5	7174	9.5	172250.9	-5829.1
6905	9.8	163853.0	-5825.4	6995	9.7	165607.5	-5833.4	7085	9.8	171142.8	-5837.5	7175	9.8	172311.9	-5818.6
6906	6.2	163900.0	-5849.0	6996	9.8	165621.5	-5820.3	7086	7.5	171157.9	-5820.5	7176	8.5	172319.9	-5826.1
6907	9.7	163926.0	-5856.0	6997	9.7	165703.0	-5853.3	7087	9.2	171202.9	-5816.1	7177	10.0	172322.9	-5811.9
6908	9.0	163930.5	-5822.9	6998	8.4	165704.5	-5801.1	7088	10.0	171217.4	-5813.7	7178	9.1	172323.4	-5803.2
6909	8.5	163938.5	-5838.9	6999	9.4	165715.5	-5849.0	7089	10.0	171218.4	-5800.5	7179	10.0	172358.8	-5848.8
6910	9.8	163939.0	-5805.1	7000	8.8	165735.7	-5858.4	7090	9.8	171218.8	-5833.4	7180	10.1	172412.0	-5802.2
6911	8.0	164014.5	-5813.5	7001	9.0	165801.0	-5850.7	7091	9.6	171225.3	-5849.0	7181	10.0	172413.3	-5855.8
6912	9.4	164041.5	-5834.6	7002	9.8	165808.3	-5801.1	7092	10.0	171226.7	-5800.6	7182	9.6	172414.9	-5811.5
6913	9.7	164051.5	-5825.1	7003	9.7	165839.0	-5838.1	7093	9.6	171243.4	-5808.3	7183	9.6	172426.9	-5814.3
6914	9.2	164055.0	-5810.0	7004	8.8	165841.0	-5800.0	7094	10.0	171243.8	-5854.4	7184	10.0	172429.3	-5836.1
6915	9.2	164124.5	-5838.5	7005	9.7	165902.0	-5826.8	7095	9.4	171248.3	-5848.1	7185	9.8	172437.3	-5830.2
6916	9.3	164145.5	-5831.6	7006	8.5	165947.5	-5833.5	7096	9.0	171249.3	-5856.9	7186	9.8	172445.9	-5840.9
6917	9.4	164200.0	-5806.5	7007	9.0	170012.5	-5851.7	7097	8.7	171249.8	-5853.8	7187	9.1	172447.8	-5854.2
6918	8.7	164211.0	-5844.6	7008	9.7	170043.5	-5819.8	7098	9.6	171250.4	-5816.0	7188	9.2	172448.5	-5816.9
6919	8.6	164222.5	-5814.4	7009	7.0	170053.0	-5839.3	7099	7.0	171250.8	-5832.2	7189	10.0	172456.0	-5819.9
6920	9.6	164223.5	-5858.0	7010	9.0	170102.5	-5855.4	7100	10.0	171301.4	-5820.9	7190	9.8	172500.4	-5844.2
6921	9.7	164300.1	-5825.0	7011	8.5	170142.5	-5817.9	7101	9.8	171313.3	-5835.0	7191	9.6	172500.7	-5858.1
6922	8.2	164336.8	-5802.2	7012	8.4	170204.7	-5800.9	7102	9.6	171317.1	-5839.8	7192	9.6	172509.0	-5829.9
6923	9.0	164337.0	-5846.9	7013	9.2	170210.0	-5845.1	7103	9.4	171317.1	-5842.9	7193	7.8	172510.9	-5849.6
6924	8.6	164352.0	-5842.0	7014	7.0	170210.5	-5826.2	7104	9.8	171332.1	-5801.6	7194	9.6	172525.4	-5833.4
6925	9.0	164357.0	-5835.0	7015	9.2	170214.5	-5828.0	7105	10.1	171333.5	-5801.1	7195	8.4	172529.5	-5816.6
6926	9.3	164411.0	-5828.4	7016	9.6	170218.0	-5800.4	7106	10.0	171338.7	-5802.6	7196	10.0	172549.5	-5814.8
6927	9.8	164418.0	-5850.8	7017	9.8	170221.0	-5840.1	7107	9.9	171339.6	-5829.9	7197	9.2	172601.0	-5820.8
6928	9.8	164427.5	-5820.0	7018	9.6	170223.4	-5802.5	7108	9.6	171403.1	-5836.4	7198	9.0	172639.5	-5823.2
6929	9.7	164432.0	-5816.0	7019	9.4	170231.5	-5839.0	7109	9.6	171404.1	-5851.5	7199	9.9	172649.0	-5800.8
6930	9.6	164440.0	-5848.0	7020	9.2	170234.5	-5815.4	7110	9.8	171404.6	-5830.6	7200	8.7	172650.5	-5814.9
6931	8.4	164502.0	-5837.1	7021	9.3	170255.0	-5812.9	7111	8.3	171423.6	-5856.1	7201	9.1	172653.6	-5857.8
6932	9.4	164504.5	-5837.9	7022	8.8	170308.5	-5859.8	7112	9.6	171433.6	-5855.5	7202	10.0	172700.5	-5804.1
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6934	9.2	164556.5	-5817.8	7024	9.7	170350.5	-5834.5	7114	9.8	171439.7	-5816.5	7204	10.0	172721.0	-5807.1
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7206	9.6	172728.9	-5834.4
7207	10.0	172741.0	-5802.8
7208	9.4	172748.4	-5849.2
7209	9.1	172750.9	-5841.8
7210	8.7	172759.4	-5842.8
7211	9.8	172808.9	-5854.2
7212	8.8	172813.0	-5804.3
7213	9.0	172813.5	-5809.4
7214	9.6	172821.9	-5849.4
7215	9.4	172837.9	-5839.1
7216	9.4	172848.0	-5808.3
7217	9.4	172848.5	-5817.4
7218	9.6	172854.4	-5840.9
7219	9.5	172857.0	-5817.8
7220	9.8	172900.5	-5828.1
7221	9.9	172927.0	-5824.5
7222	9.8	172936.0	-5823.0
7223	9.8	172939.5	-5823.1
7224	9.2	172956.9	-5855.9
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7227	10.0	173032.0	-5818.2
7228	9.5	173057.4	-5859.3
7229	8.6	173057.7	-5844.9
7230	8.6	173119.8	-5825.6
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7234	9.4	173151.7	-5830.6
7235	10.0	173159.3	-5812.0
7236	10.0	173224.8	-5808.8
7237	10.0	173236.8	-5809.8
7238	9.8	173242.7	-5830.4
7239	9.9	173301.7	-5835.0
7240	8.8	173317.3	-5803.6
7241	10.0	173323.7	-5839.7
7242	9.9	173340.8	-5807.8
7243	9.5	173356.7	-5854.2
7244	10.0	173402.8	-5828.3
7245	9.1	173403.8	-5817.5
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7247	8.4	173444.2	-5855.1
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7250	9.4	173518.7	-5842.9
7251	9.8	173519.2	-5856.0
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7281	8.9	174129.6	-5827.0
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7283	9.2	174147.8	-5824.6
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7288	7.8	174300.8	-5814.2
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7306	8.8	174922.0	-5844.6
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7310	8.8	175001.5	-5826.5
7311	9.1	175022.0	-5804.9
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7323	8.2	175244.5	-5837.3
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7325	9.4	175303.0	-5814.1
7326	9.8	175328.9	-5801.3
7327	9.8	175339.0	-5831.7
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7337	8.0	175741.0	-5833.8
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7341	9.8	175822.5	-5803.1
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7354	9.8	180319.0	-5820.4
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7365	7.8	180620.0	-5813.2
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7367	8.8	180707.5	-5856.9
7368	9.0	180726.0	-5834.2
7369	8.4	180809.8	-5800.3
7370	9.8	180817.0	-5846.1
7371	8.8	180819.5	-5847.6
7372	9.6	180819.5	-5822.2
7373	9.8	180846.5	-5843.7
7374	9.0	181038.5	-5855.8
7375	9.8	181055.0	-5830.4
7376	8.4	181056.5	-5853.1
7377	9.6	181132.5	-5851.2
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7381	9.6	181257.0	-5849.1
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7383	9.1	181440.5	-5848.3
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7388	9.6	181740.5	-5846.6
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7392	10.0	181830.1	-5820.1
7393	9.6	181859.0	-5834.9
7394	10.0	181901.6	-5808.8
7395	9.1	181902.8	-5809.9
7396	9.0	181910.5	-5837.9
7397	10.0	181913.0	-5851.9
7398	9.6	181915.0	-5837.3
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7407	9.8	182012.1	-5824.9
7408	9.6	182036.0	-5856.9
7409	9.8	182043.1	-5810.9
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7411	8.8	182105.1	-5812.6
7412	8.8	182131.6	-5824.3
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7415	9.8	182153.0	-5835.1
7416	9.4	182157.6	-5803.8
7417	9.8	182207.6	-5825.0
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7425	9.8	182332.2	-5800.4
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7427	9.8	182343.1	-5824.9
7428	8.6	182354.6	-5808.3
7429	10.0	182401.0	-5848.5
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7431	9.6	182433.1	-5816.1
7432	9.4	182434.1	-5810.6
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7435	8.5	182504.0	-5839.0
7436	9.8	182557.0	-5832.0
7437	8.1	182559.5	-5840.9
7438	10.0	182600.3	-5801.7
7439	9.6	182623.1	-5812.5
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7441	9.8	182653.1	-5808.2
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7443	10.0	182716.3	-5800.7
7444	10.0	182721.5	-5830.7
7445	9.8	182736.0	-5832.7
7446	9.4	182745.1	-5820.5
7447	9.2	182746.1	-5811.8
7448	9.4	182754.5	-5836.1
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7450	9.8	182810.8	-5857.0
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7452	9.6	182832.0	-5847.8
7453	9.6	182836.1	-5818.9
7454	9.8	182839.5	-5844.7
7455	7.6	182850.1	-5858.4
7456	10.0	182858.5	-5855.5
7457	9.8	182908.5	-5854.7
7458	7.8	182923.5	-5853.2
7459	10.0	182932.1	-5801.5
7460	9.3	182936.0	-5836.4
7461	9.4	182949.0	-5853.8
7462	9.4	182952.6	-5815.0
7463	9.1	183023.6	-5817.0
7464	10.0	183033.1	-5805.3
7465	9.8	183044.1	-5825.6
7466	9.4	183048.0	-5852.2
7467	10.0	183100.5	-5853.2
7468	9.2	183111.6	-5825.2
7469	10.0	183131.5	-5847.6
7470	9.2	183132.6	-5802.7
7471	9.3	183144.6	-5812.6
7472	9.4	183207.5	-5835.8
7473	8.8	183239.0	-5858.0
7474	9.8	183244.5	-5832.1
7475	10.0	183300.0	-5851.1
7476	10.0	183301.0	-5836.0
7477	9.8	183318.0	-5852.5
7478	10.0	183333.0	-5847.8
7479	9.3	183339.0	-5838.9
7480	9.6	183406.5	-5838.3
7481	10.0	183432.1	-5805.5
7482	9.6	183451.5	-5850.9
7483	9.2	183458.6	-5816.1
7484	10.0	183519.1	-5858.9
7485	8.4	183521.5	-5838.2
7486	10.0	183551.6	-5803.8
7487	8.8	183613.0	-5843.7
7488	9.3	183619.5	-5850.8
7489	8.8	183641.1	-5805.0
7490	9.8	183651.1	-5820.1
7491	8.8	183652.1	-5810.7
7492	9.6	183700.0	-5835.7
7493	9.8	183726.6	-5802.9
7494	9.6	183742.6	-5803.9
7495	10.0	183744.5	-5831.9
7496	10.0	183802.0	-5853.4
7497	9.0	183805.6	-5806.3
7498	9.3	183815.0	-5838.2
7499	9.1	183835.0	-5841.8
7500	10.0	183856.7	-5803.2
7501	9.6	183906.1	-5827.3
7502	9.4	183932.1	-5825.9
7503	8.4	183942.5	-5850.8
7504	9.4	184000.5	-5842.3
7505	8.8	184005.7	-5859.1
7506	9.3	184006.1	-5821.2
7507	9.4	184024.0	-5855.2
7508	9.8	184041.1	-5812.6
7509	10.0	184100.1	-5810.6
7510	7.9	184110.1	-5804.5
7511	9.1	184111.6	-5804.1
7512	9.3	184115.6	-5829.7
7513	9.4	184131.0	-5850.3
7514	10.0	184145.6	-5804.4
7515	9.3	184219.5	-5859.8
7516	9.3	184232.1	-5816.0
7517	9.8	184253.1	-5815.4
7518	8.6	184258.0	-5849.0
7519	9.2	184345.0	-5844.5
7520	9.6	184418.2	-5837.1
7521	9.6	184432.8	-5816.4
7522	9.4	184436.0	-5840.9
7523	9.0	184438.6	-5824.1
7524	9.6	184439.8	-5818.1
7525	9.8	184442.7	-5831.4
7526	9.6	184449.8	-5810.1
7527	7.9	184455.8	-5823.5
7528	9.1	184501.3	-5803.6
7529	8.4	184521.7	-5844.9
7530	9.4	184544.7	-5839.5
7531	9.6	184548.7	-5838.6
7532	8.4	184558.7	-5851.0
7533	10.0	184613.8	-5816.6
7534	9.2	184647.2	-5837.5
7535	9.6	184652.7	-5850.3
7536	9.4	184711.2	-5853.5
7537	9.2	184729.2	-5858.1
7538	10.0	184814.8	-5817.6
7539	9.8	184839.7	-5840.4
7540	9.6	184839.7	-5855.6
7541	10.0	184852.7	-5845.9
7542	10.0	184903.3	-5823.8
7543	10.0	184905.8	-5827.7
7544	7.9	184906.8	-5808.5
7545	8.6	184911.3	-5829.2
7546	9.6	184915.8	-5857.7
7547	9.6	184931.7	-5851.1
7548	9.6	184934.2	-5838.0
7549	9.4	184945.7	-5837.7
7550	10.0	185000.8	-5811.9
7551	9.4	185001.7	-5832.6
7552	9.6	185029.2	-5835.2
7553	9.8	185200.2	-5852.6
7554	9.2	185223.8	-5801.9
7555	9.4	185225.2	-5838.3
7556	9.8	185232.7	-5859.1
7557	9.4	185237.8	-5825.2
7558	7.8	185238.7	-5805.9
7559	10.0	185242.8	-5827.4
7560	10.0	185243.3	-5815.9
7561	9.6	185247.3	-5800.4
7562	9.4	185251.9	-5830.3
7563	8.4	185256.2	-5842.3
7564	7.3	185317.6	-5808.2
7565	9.4	185334.3	-5838.8

-58 7566 18h53m

-58 7925 21h58m

7566	9.6	185336.2	-5837.5	7656	10.0	193542.0	-5810.0	7746	8.9	201433.5	-5819.0
7567	9.0	185338.4	-5808.6	7657	10.0	193549.0	-5822.5	7747	9.2	201510.0	-5829.5
7568	8.6	185359.4	-5821.2	7658	10.0	193631.5	-5850.0	7748	9.6	201510.5	-5824.4
7569	7.8	185411.4	-5828.8	7659	10.0	193644.0	-5808.7	7749	9.0	201520.0	-5839.4
7570	9.0	185427.8	-5839.8	7660	10.0	193646.5	-5813.2	7750	9.3	201622.0	-5837.5
7571	8.8	185439.4	-5850.9	7661	10.0	193659.5	-5802.2	7751	9.6	201629.5	-5830.6
7572	10.0	185442.3	-5808.6	7662	9.5	193706.5	-5856.7	7752	9.2	201703.0	-5849.9
7573	9.4	185510.9	-5813.3	7663	9.2	193736.8	-5801.9	7753	8.8	201755.5	-5802.9
7574	9.8	185512.8	-5800.4	7664	7.4	193753.3	-5801.7	7754	9.6	201857.0	-5859.2
7575	8.8	185519.2	-5820.2	7665	9.4	193810.5	-5815.6	7755	9.0	201927.5	-5821.8
7576	9.3	185541.2	-5820.6	7666	10.0	193850.0	-5828.4	7756	9.0	202003.3	-5802.6
7577	9.3	185559.4	-5845.9	7667	9.4	193857.0	-5838.4	7757	8.6	202017.5	-5805.9
7578	9.8	185602.2	-5831.6	7668	8.8	193951.2	-5858.1	7758	8.2	202312.5	-5831.8
7579	8.8	185620.2	-5853.0	7669	8.0	194053.0	-5849.0	7759	9.4	202425.5	-5811.7
7580	9.4	185621.7	-5823.2	7670	9.1	194105.0	-5814.8	7760	9.7	202457.0	-5831.5
7581	9.4	185704.3	-5810.4	7671	10.0	194300.0	-5818.0	7761	8.4	202501.5	-5814.2
7582	10.0	185707.7	-5847.6	7672	9.6	194328.0	-5815.7	7762	9.0	202612.0	-5812.7
7583	9.1	185714.8	-5844.1	7673	9.6	194346.0	-5805.0	7763	9.6	202635.5	-5850.8
7584	10.0	185739.8	-5816.6	7674	9.6	194354.5	-5831.0	7764	8.2	202800.5	-5818.2
7585	9.8	185742.7	-5847.8	7675	9.4	194424.0	-5852.9	7765	9.0	202811.0	-5845.9
7586	9.4	185753.2	-5836.0	7676	9.8	194452.0	-5801.5	7766	9.6	202813.0	-5816.9
7587	9.4	185942.0	-5825.0	7677	10.0	194503.0	-5859.7	7767	9.3	202859.5	-5825.0
7588	8.4	185958.0	-5817.0	7678	10.0	194544.5	-5837.0	7768	8.9	202900.5	-5816.7
7589	9.6	190155.0	-5803.6	7679	9.4	194550.0	-5831.4	7769	9.2	203005.5	-5818.1
7590	9.4	190159.0	-5803.7	7680	10.4	194604.7	-5800.8	7770	9.6	203112.5	-5832.8
7591	8.5	190203.5	-5827.9	7681	10.0	194614.5	-5826.0	7771	9.7	203137.5	-5812.0
7592	9.2	190220.0	-5808.9	7682	9.8	194615.0	-5811.5	7772	9.6	203222.5	-5806.6
7593	9.4	190230.0	-5823.0	7683	7.8	194637.0	-5815.0	7773	9.2	203330.0	-5809.7
7594	7.6	190406.0	-5812.4	7684	10.4	194642.7	-5801.6	7774	9.6	203440.0	-5837.3
7595	9.2	190410.5	-5808.6	7685	10.4	194646.7	-5801.4	7775	9.0	203701.5	-5834.7
7596	9.4	190440.2	-5800.6	7686	10.0	194650.0	-5812.0	7776	9.0	203706.5	-5844.9
7597	9.6	190458.0	-5813.4	7687	10.0	194702.5	-5804.9	7777	8.4	203723.5	-5821.1
7598	10.3	190526.4	-5802.7	7688	10.0	194739.2	-5859.1	7778	8.2	203844.5	-5809.8
7599	9.6	190643.0	-5828.7	7689	10.0	194759.0	-5842.1	7779	9.7	203851.5	-5840.3
7600	8.8	190655.0	-5824.9	7690	9.2	194811.5	-5804.6	7780	9.0	203922.5	-5837.9
7601	9.4	190716.0	-5828.7	7691	9.8	195031.5	-5855.5	7781	9.2	203929.5	-5820.8
7602	9.6	190811.0	-5819.2	7692	8.0	195038.5	-5843.3	7782	9.6	203951.2	-5847.2
7603	8.5	190831.3	-5856.4	7693	9.2	195103.0	-5848.1	7783	9.5	204039.0	-5847.3
7604	8.3	190921.0	-5812.1	7694	10.0	195119.0	-5812.0	7784	9.8	204145.5	-5834.1
7605	10.3	191106.3	-5800.1	7695	8.7	195201.0	-5849.4	7785	9.5	204206.0	-5805.9
7606	9.3	191153.5	-5816.9	7696	9.6	195218.0	-5847.0	7786	9.7	204408.5	-5814.1
7607	9.3	191219.0	-5855.8	7697	9.8	195222.0	-5851.4	7787	9.7	204440.7	-5800.7
7608	9.6	191226.5	-5840.0	7698	10.4	195231.7	-5800.6	7788	6.2	204501.0	-5855.5
7609	8.6	191237.0	-5814.8	7699	8.8	195239.0	-5848.1	7789	9.8	204506.5	-5852.9
7610	9.2	191431.5	-5836.6	7700	10.0	195250.0	-5855.3	7790	9.5	204520.5	-5845.9
7611	9.0	191505.0	-5837.6	7701	9.5	195259.5	-5823.0	7791	8.8	204541.5	-5820.1
7612	8.8	191506.0	-5857.0	7702	9.8	195321.0	-5831.3	7792	9.5	204619.0	-5849.9
7613	10.2	191527.8	-5800.7	7703	10.0	195355.5	-5836.5	7793	8.6	204631.0	-5802.7
7614	9.6	191639.0	-5853.4	7704	10.0	195422.0	-5833.1	7794	9.4	204632.0	-5838.1
7615	9.2	191851.5	-5834.0	7705	10.0	195433.5	-5826.1	7795	9.4	204634.5	-5842.0
7616	9.2	191907.0	-5814.6	7706	10.0	195443.8	-5801.8	7796	9.6	204735.0	-5838.6
7617	9.0	191923.0	-5811.4	7707	9.6	195511.0	-5809.3	7797	8.8	204828.2	-5859.0
7618	9.2	192100.5	-5813.2	7708	10.0	195530.5	-5851.9	7798	9.2	205004.5	-5831.3
7619	9.4	192218.0	-5816.9	7709	8.8	195531.5	-5852.6	7799	9.1	205109.0	-5809.3
7620	9.2	192248.5	-5813.0	7710	10.4	195615.7	-5800.5	7800	8.9	205131.5	-5843.2
7621	9.0	192319.0	-5836.3	7711	10.0	195620.5	-5834.4	7801	9.2	205150.5	-5806.0
7622	8.6	192330.0	-5836.5	7712	10.0	195649.5	-5831.4	7802	8.9	205331.7	-5859.2
7623	9.6	192425.0	-5829.8	7713	9.2	195751.5	-5811.9	7803	9.2	205413.2	-5859.0
7624	9.6	192513.5	-5803.2	7714	10.0	195810.5	-5835.9	7804	9.4	205548.0	-5836.6
7625	9.6	192646.0	-5805.0	7715	10.0	195831.5	-5837.1	7805	8.4	205616.5	-5813.8
7626	9.2	192653.0	-5842.0	7716	9.2	195841.5	-5816.3	7806	8.7	205631.5	-5805.2
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7628	10.0	192815.5	-5843.0	7718	8.7	195932.5	-5822.0	7808	9.8	205710.5	-5804.6
7629	9.5	192824.0	-5807.7	7719	10.4	195939.7	-5801.9	7809	8.5	205748.5	-5816.2
7630	9.1	192826.8	-5816.6	7720	9.2	195943.1	-5800.2	7810	8.4	205927.0	-5850.0
7631	9.9	192832.8	-5856.5	7721	9.8	200004.5	-5833.0	7811	9.6	205934.3	-5802.4
7632	9.8	192840.9	-5859.2	7722	9.6	200009.0	-5848.8	7812	8.0	205947.0	-5822.0
7633	7.6	192859.5	-5830.6	7723	9.9	200036.5	-5818.9	7813	9.6	210036.0	-5846.6
7634	9.4	192911.0	-5855.2	7724	7.8	200219.5	-5828.9	7814	9.7	210046.0	-5833.8
7635	10.0	192919.0	-5828.7	7725	8.4	200230.5	-5822.5	7815	9.3	210107.5	-5823.0
7636	8.2	192919.3	-5825.9	7726	9.5	200258.0	-5850.9	7816	8.5	210234.0	-5808.0
7637	9.4	193000.0	-5845.0	7727	9.0	200341.2	-5822.0	7817	9.7	210255.5	-5847.3
7638	9.4	193012.2	-5802.8	7728	9.2	200407.5	-5822.3	7818	9.0	210314.0	-5808.9
7639	8.1	193020.0	-5833.0	7729	9.6	200421.5	-5839.3	7819	9.2	210317.5	-5851.7
7640	8.7	193050.0	-5832.8	7730	8.8	200436.8	-5801.3	7820	9.2	210419.5	-5805.7
7641	8.6	193124.0	-5818.2	7731	9.0	200554.3	-5855.9	7821	9.7	210513.0	-5806.0
7642	10.0	193155.0	-5858.1	7732	9.0	200606.5	-5826.1	7822	9.4	210547.5	-5833.4
7643	9.5	193231.0	-5835.7	7733	10.0	200626.5	-5804.9	7823	9.2	210556.5	-5807.0
7644	10.0	193252.0	-5843.0	7734	10.0	200638.5	-5817.7	7824	9.8	210611.5	-5814.4
7645	8.8	193311.0	-5836.5	7735	9.4	200646.7	-5844.5	7825	6.7	210617.5	-5808.8
7646	10.0	193313.5	-5810.4	7736	9.7	200711.0	-5847.9	7826	9.7	210636.0	-5851.1
7647	9.1	193315.0	-5848.3	7737	9.7	200714.0	-5831.3	7827	9.8	210644.0	-5848.9
7648	10.0	193322.0	-5839.6	7738	9.2	200839.7	-5857.7	7828	8.7	210809.5	-5804.2
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7650	8.8	193404.0	-5816.0	7740	9.7	200907.0	-5821.9	7830	9.7	211025.0	-5840.2
7651	9.1	193416.5	-5856.6	7741	9.6	201027.5	-5821.9	7831	7.8	211118.5	-5822.4
7652	10.0	193420.0	-5843.0	7742	8.7	201033.2	-5859.9	7832	8.8	211147.0	-5819.1
7653	8.8	193454.5	-5815.6	7743	9.6	201333.5	-5838.3	7833	9.2	211246.5	-5812.7
7654	9.1	193510.5	-5837.0	7744	9.6	201338.0	-5843.2	7834	9.4	211259.0	-5858.9
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7839	10.2	211452.7	-5800.6								
7840	9.5	211520.5	-5804.5								
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7842	8.5	211657.0	-5829.0								
7843	9.6	211706.5	-5850.6								
7844	9.0	211706.7	-5809.6								
7845	9.6	211720.5	-5817.1								
7846	10.1	211820.0	-5800.9								
7847	9.5	211846.0	-5822.0								
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7849	10.1	211925.5	-5838.0								
7850	10.1	211933.5	-5840.9								
7851	10.0	211958.0	-5856.9								
7852	10.1	212023.0	-5829.3								
7853	9.8	212039.5	-5849.2								
7854	9.6	212050.5	-5848.1								
7855	10.2	212106.2	-5801.3								
7856	9.3	212127.7	-5859.3								
7857	10.1	212149.5	-5825.8								
7858	9.2	212327.0	-5842.1								
7859	8.4	212336.0	-5833.3								
7860	7.9	212418.0	-5845.4								
7861	9.8	212439.5	-5834.5								
7862	9.8	212514.0	-5809.3								
7863	10.0	212525.5	-5840.3								
7864	10.0	212531.0	-5842.4								
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7866	8.9	212641.5	-5812.8								
7867	10.1	212648.5	-5827.0								
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7869	10.1	212843.5	-5854.1								
7870	10.1	212937.5	-5821.3								
7871	10.3	212945.2	-5816.1								
7872	10.2	213030.2	-5802.3								
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7874	10.1	213052.0	-5849.9								
7875	8.0	213104.8	-5800.2								
7876	10.2	213107.5	-5801.2								
7877	8.4	213203.0	-5818.0								
7878	9.6	213231.5	-5847.9								
7879	9.2	213239.5	-5820.3								
7880	8.4	213319.5	-5810.8								
7881	10.2	213329.2	-5802.8								
7882	9.5	213340.5	-5857.5								
7883	9.6	213347.6	-5803.0								
7884	8.6	213355.0	-5845.2								
7885	8.2	213422.5	-5820.9								
7886	8.4	213429.0	-5827.9								
7887	10.1	213438.5	-5848.7								
7888	10.1	213617.5	-5837.2								
7889	9.5	213709.0	-5833.9								
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7891	9.2	213723.0	-5857.7								
7892	9.5	213739.0	-5834.1								
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7894	9.5	213741.5	-5848.0								
7895	9.5	213750.0	-5825.8								
7896	9.8	213849.0	-5804.4								
7897	9.0	213901.0	-5836.8								
7898	9.8	213951.5	-5854.5								
7899	8.8	214017.0	-5831.1								
7900	10.0	214034.5	-5808.7								
7901	8.0	214127.5	-5853.0								
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7903	9.3	214146.0	-5835.6								
7904	10.1	214302.6	-5844.8								
7905	9.8	214326.8	-5800.7								
7906	10.1	214445.5	-5823.5								
7907	10.0	214522.6	-5848.9								
7908	10.1	214523.5	-5822.4								
7909	8.9	214612.0	-5836.2								
7910	9.8	214721.5	-5844.8								
7911	6.8	214726.5	-5829.4								
7912	9.6	214743.8	-5801.2								
7913	10.0	214758.6	-5810.9								
7914	9.2	214901.5	-5837.6								
7915	9.2	214945.5	-5807.2								
7916	10.0	215152.5	-5855.4								
7917	10.0	215258.5	-5843.9								
7918	9.8	215327.0	-5850.0								
7919	8.4	215345.5	-5853.7								
7920	8.8	215458.0	-5851.2								
7921	9.1	215539.0	-5834.8								
7922	8.8	215553.8	-5846.5								
7923	9.3	215606.5	-5821.0								
7924	10.0	215619.0	-5846.4								
7925	9.8	215804.5	-5852.7								

7926	9.8	215903.0	-5828.6	8016	9.3	224738.5	-5830.4	8106	9.5	234500.5	-5819.4	65	10.2	05700.5	-5947.2
7927	8.8	215940.5	-5806.0	8017	8.8	224741.5	-5839.0	8107	9.5	234520.0	-5807.0	66	10.2	05710.5	-5953.0
7928	9.8	220029.7	-5801.5	8018	8.2	224843.0	-5826.7	8108	11.0	234543.5	-5801.7	67	9.0	05726.0	-5951.9
7929	9.8	220149.0	-5804.6	8019	9.4	224853.0	-5842.0	8109	9.6	234633.0	-5858.1	68	10.2	05752.0	-5900.7
7930	9.8	220153.5	-5834.8	8020	9.3	224857.5	-5858.0	8110	9.7	234725.0	-5816.7	69	10.2	05840.5	-5907.0
7931	9.2	220346.0	-5829.0	8021	8.0	224925.0	-5804.0	8111	9.7	234755.5	-5834.2	70	8.9	05922.5	-5906.6
7932	8.8	220549.0	-5838.0	8022	8.9	224942.0	-5815.0	8112	9.7	234844.5	-5814.5	71	10.3	10039.5	-5900.1
7933	10.0	220605.5	-5811.2	8023	9.4	225014.0	-5848.0	8113	9.3	234847.0	-5809.0	72	9.0	10058.5	-5908.5
7934	9.6	220629.0	-5829.7	8024	9.0	225022.5	-5821.7	8114	9.2	234938.5	-5825.4	73	10.0	10150.3	-5900.0
7935	9.8	220720.5	-5837.8	8025	9.3	225042.5	-5846.0	8115	9.0	235010.0	-5821.0	74	9.0	10243.0	-5943.4
7936	8.0	220743.0	-5811.2	8026	8.4	225140.5	-5835.7	8116	9.0	235012.5	-5831.0	75	10.2	10320.0	-5902.2
7937	9.6	220835.0	-5851.8	8027	8.2	225141.5	-5832.2	8117	8.7	235032.0	-5849.8	76	10.2	10336.0	-5931.9
7938	8.2	220900.5	-5824.2	8028	9.3	225159.5	-5829.6	8118	10.4	235040.1	-5800.3	77	10.0	10348.7	-5900.1
7939	9.2	221025.0	-5806.1	8029	9.4	225225.5	-5825.9	8119	10.4	235108.1	-5802.8	78	10.4	10401.5	-5934.5
7940	9.3	221032.4	-5800.1	8030	8.8	225331.5	-5815.0	8120	9.3	235147.5	-5842.8	79	10.2	10433.5	-5937.0
7941	10.0	221149.5	-5846.5	8031	9.3	225348.0	-5816.2	8121	9.1	235227.5	-5828.8	80	10.2	10440.5	-5931.0
7942	7.5	221216.0	-5808.2	8032	8.6	225428.0	-5830.6	8122	9.1	235330.0	-5843.8	81	9.0	10454.5	-5928.2
7943	9.0	221235.5	-5810.6	8033	9.2	225428.5	-5802.2	8123	9.2	235345.0	-5846.9	82	10.2	10600.5	-5916.3
7944	9.6	221256.0	-5840.5	8034	8.7	225455.5	-5803.7	8124	9.6	235434.0	-5838.0	83	8.8	10619.5	-5952.0
7945	8.8	221257.0	-5857.7	8035	9.4	225619.0	-5833.9	8125	9.6	235606.5	-5821.8	84	10.3	10735.5	-5941.2
7946	9.8	221344.0	-5810.6	8036	8.4	225621.0	-5804.9	8126	8.5	235620.0	-5819.8	85	10.2	10759.5	-5955.4
7947	8.0	221359.0	-5837.6	8037	8.4	225729.5	-5850.7	8127	9.4	235656.5	-5855.0	86	9.6	10923.5	-5912.0
7948	9.8	221519.0	-5820.1	8038	7.8	225850.5	-5805.0	8128	8.2	235729.5	-5831.4	87	9.9	10933.5	-5926.5
7949	9.8	221524.5	-5815.2	8039	8.9	225859.5	-5811.4	8129	10.0	235801.5	-5801.4	88	10.0	11240.5	-5951.1
7950	9.3	221534.5	-5840.6	8040	8.6	225930.6	-5800.2	8130	9.6	235918.2	-5859.1	89	10.3	11319.5	-5948.8
7951	9.1	221603.5	-5848.5	8041	8.4	230010.5	-5813.0	8131	9.5	235920.0	-5825.9	90	10.0	11511.0	-5904.2
7952	9.1	221603.5	-5836.1	8042	9.4	230012.5	-5817.9	1	9.7	00059.5	-5906.2	91	7.8	11722.5	-5946.8
7953	8.7	221609.0	-5854.7	8043	8.2	230018.2	-5859.1	2	8.5	00153.5	-5945.6	92	10.2	11723.5	-5921.0
7954	6.1	221637.5	-5825.1	8044	9.2	230102.5	-5847.9	3	9.7	00216.5	-5956.1	93	10.2	11748.0	-5915.0
7955	9.2	221644.5	-5850.7	8045	8.8	230130.0	-5845.5	4	8.8	00247.7	-5958.4	94	10.3	11923.0	-5947.9
7956	10.0	221647.0	-5851.2	8046	9.2	230148.5	-5834.1	5	9.0	00302.5	-5945.2	95	10.2	11924.5	-5946.0
7957	7.0	221906.5	-5838.1	8047	9.4	230157.0	-5805.9	6	8.8	00431.0	-5952.2	96	9.0	12101.5	-5959.1
7958	8.2	221927.5	-5838.9	8048	8.5	230235.5	-5843.1	7	9.5	00446.0	-5923.3	97	10.0	12114.5	-5955.6
7959	8.8	222017.5	-5820.0	8049	9.3	230348.0	-5850.3	8	8.3	00515.5	-5936.2	98	9.2	12158.5	-5948.1
7960	10.0	222130.0	-5818.3	8050	9.4	230509.5	-5833.0	9	9.6	00549.5	-5908.0	99	9.0	12256.0	-5955.1
7961	9.1	222236.0	-5854.3	8051	8.7	230521.7	-5833.7	10	8.0	00551.0	-5912.9	100	9.8	12346.0	-5938.3
7962	10.0	222317.5	-5808.3	8052	9.4	230539.5	-5808.0	11	9.3	00705.5	-5952.8	101	10.2	12423.5	-5947.7
7963	9.8	222320.5	-5821.0	8053	9.4	230620.0	-5817.5	12	9.2	00725.5	-5927.2	102	10.2	12633.0	-5919.3
7964	10.0	222347.0	-5823.0	8054	8.8	230642.5	-5846.6	13	9.5	00725.5	-5917.2	103	9.0	12638.0	-5921.7
7965	9.8	222355.0	-5801.8	8055	10.0	230733.2	-5800.2	14	9.1	00738.5	-5944.6	104	9.4	12646.5	-5946.2
7966	9.8	222410.5	-5847.3	8056	9.0	230823.0	-5839.0	15	9.3	00742.0	-5934.1	105	8.6	12734.0	-5901.9
7967	9.8	222424.0	-5851.8	8057	8.2	230826.0	-5845.7	16	9.6	00849.5	-5938.7	106	9.8	12900.5	-5909.9
7968	8.8	222500.0	-5830.0	8058	8.6	230845.5	-5843.0	17	9.7	00903.5	-5954.9	107	8.5	12930.0	-5957.2
7969	7.8	222528.0	-5851.3	8059	9.8	230901.7	-5801.5	18	9.3	00905.0	-5933.0	108	10.6	13039.3	-5902.0
7970	8.4	222622.5	-5801.4	8060	8.8	230958.5	-5856.7	19	8.6	00955.5	-5927.9	109	10.2	13057.3	-5929.7
7971	6.1	222746.2	-5831.7	8061	9.2	230959.5	-5811.0	20	9.4	01035.0	-5944.3	110	7.8	13140.5	-5934.0
7972	9.0	222756.5	-5812.1	8062	4.5	231006.5	-5855.2	21	9.6	01105.5	-5940.7	111	9.2	13158.3	-5914.5
7973	10.0	222818.0	-5845.9	8063	8.5	231115.2	-5858.9	22	9.6	01225.0	-5914.4	112	10.2	13309.5	-5938.1
7974	8.8	222904.2	-5824.9	8064	7.8	231116.2	-5859.0	23	9.0	01252.0	-5949.3	113	9.2	13327.8	-5922.0
7975	9.2	222933.3	-5819.4	8065	9.1	231134.0	-5826.4	24	9.7	01322.0	-5913.9	114	8.1	13424.8	-5912.9
7976	8.4	222942.5	-5830.1	8066	8.6	231217.5	-5848.4	25	9.6	01439.5	-5943.0	115	10.6	13439.8	-5925.0
7977	9.3	222945.0	-5838.0	8067	9.4	231310.0	-5849.8	26	8.6	01500.7	-5927.0	116	9.9	13450.4	-5901.8
7978	8.6	222955.3	-5844.2	8068	7.6	231543.0	-5818.5	27	9.2	01529.3	-5927.5	117	10.2	13515.5	-5953.7
7979	8.8	223059.2	-5852.8	8069	8.8	231606.5	-5824.8	28	9.5	01553.5	-5912.3	118	9.7	13521.5	-5956.1
7980	9.3	223148.2	-5859.0	8070	8.5	231735.0	-5811.2	29	9.1	01629.3	-5942.8	119	10.2	13522.3	-5928.0
7981	8.2	223229.0	-5829.4	8071	10.2	231841.2	-5801.0	30	8.6	01629.3	-5900.6	120	10.2	13536.3	-5926.0
7982	8.8	223229.7	-5844.5	8072	8.1	232000.5	-5800.0	31	8.6	01809.3	-5931.5	121	9.0	13541.0	-5950.3
7983	9.4	223232.5	-5829.2	8073	10.2	232013.2	-5801.8	32	9.5	01852.7	-5946.8	122	8.8	13603.8	-5916.8
7984	6.8	223251.0	-5804.6	8074	8.8	232120.5	-5819.0	33	9.6	01855.7	-5920.2	123	9.0	13622.5	-5935.9
7985	9.4	223325.5	-5842.7	8075	9.3	232250.0	-5808.5	34	8.6	01930.5	-5907.8	124	8.5	13711.5	-5914.5
7986	8.7	223426.5	-5856.0	8076	8.2	232354.0	-5848.0	35	9.7	01937.0	-5903.1	125	10.0	13733.5	-5918.0
7987	9.3	223452.0	-5829.9	8077	7.6	232415.5	-5854.0	36	9.5	02015.7	-5912.9	126	10.0	13746.7	-5951.7
7988	8.8	223525.5	-5818.0	8078	9.6	232418.7	-5801.6	37	8.3	02018.7	-5929.2	127	8.2	13809.3	-5902.7
7989	8.6	223530.5	-5841.2	8079	10.2	232520.2	-5801.3	38	9.6	02039.5	-5938.8	128	10.6	13814.3	-5910.2
7990	9.4	223543.5	-5852.6	8080	7.3	232823.0	-5811.2	39	9.4	02102.8	-5936.0	129	8.8	13828.7	-5945.4
7991	8.4	223544.0	-5804.0	8081	9.6	232823.9	-5801.0	40	8.8	02120.5	-5954.1	130	10.6	13850.2	-5935.5
7992	9.2	223616.0	-5825.1	8082	9.6	232831.0	-5810.6	41	9.1	02133.8	-5938.7	131	10.4	13917.5	-5919.9
7993	7.9	223646.0	-5806.8	8083	9.4	232831.5	-5811.5	42	9.5	02245.5	-5952.5	132	8.6	14017.0	-5924.0
7994	9.4	223719.0	-5835.3	8084	8.8	232837.0	-5848.0	43	9.5	02434.5	-5905.1	133	9.0	14037.2	-5953.3
7995	9.4	223809.5	-5845.5	8085	8.3	232850.0	-5811.5	44	9.5	02441.5	-5942.1	134	9.6	14103.7	-5935.8
7996	9.3	223813.0	-5838.9	8086	8.3	232958.0	-5800.6	45	9.5	02737.5	-5929.9	135	10.0	14113.5	-5904.2
7997	8.4	223815.0	-5837.4	8087	8.0	233026.5	-5851.7	46	8.8	02901.5	-5934.2	136	10.0	14209.7	-5930.5
7998	9.2	223822.7	-5858.9	8088	9.4	233031.0	-5804.3	47	9.4	03009.5	-5919.5	137	10.6	14211.3	-5925.0
7999	8.9	223833.5	-5820.1	8089	7.4	233102.0	-5853.0	48	9.6	03058.5	-5931.9	138	10.6	14259.0	-5916.3
8000	8.5	224014.0	-5855.8	8090	9.1	233145.5	-5829.3	49	8.0	03504.5	-5909.1	139	9.4	14312.0	-5911.7
8001	8.2	224032.0	-5835.0	8091	9.3	233219.0	-5814.3	50	9.5	03507.5	-5902.9	140	9.8	14329.7	-5944.3
8002	9.4	224128.5	-5847.0	8092	9.4	233327.0	-5832.0	51	8.5	03554.5	-5958.5	141	10.0	14331.0	-5918.8
8003	8.8	224141.5	-5822.9	8093	7.8	233545.5	-5810.2	52	9.0	03657.0	-5918.6	142	10.6	14334.2	-5946.5
8004	9.4	224242.5	-5842.9	8094	9.6	233546.0	-5812.7	53	9.4	04135.3	-5901.8	143	10.0	14402.0	-5959.7
8005	9.4	224258.5	-5828.4	8095	6.8	233547.5	-5839.2	54	9.6	04148.5	-5928.9	144	9.2	14500.0	-5959.8
8006	9.0	224303.0	-5822.4	8096	9.8	233751.5	-5800.4	55	9.4	04258.5	-5943.6	145	10.0	14501.5	-5906.0
8007	8.2	224324.0	-5838.0	8097	7.3	233848.5	-5858.3	56	9.5	04308.5	-5927.0	146	10.2	14507.0	-5911.0
8008	8.2	224336.0	-5813.0	8098	9.5	234156.5	-5850.0	57	8.6	04309.5	-5934.6	147	9.2	14512.0	-5920.2
8009	8.0	224532.0	-5831.0	8099	9.6	234232.0	-5852.1	58	9.0	04524.0	-5945.2	148	9.5	14515.0	-5910.4
8010	9.4	224546.5	-5814.0	8100	9.5	234240.0	-5852.0	59	9.6	04606.5	-5903.0	149	8.5	14524.0	-5911.2
8011	8.9	224601.5	-5804.0	8101	9.6	234243.0	-5817.6	60	9.0	04648.0	-5940.9	150	7.7	14557.2	-5933.6
8012	9.4	224635.5	-5838.7	8102	9.3	234244.0	-5850.3	61	10.2	05203.0	-5924.0	151	9.5	14615.8	-5959.6
8013	9.0	224649.0	-5810.8	8103	9.3	234314.0	-5846.0	62	10.0	05232.0	-5922.0	152	9.9	14619.8	-5959.1
8014	8.9	224649.5	-5833.5	8104	10.2	234314.0	-5800.5	63	10.0	05316.5	-5916.9	153	9.2	14714.7	-5933.3
8015	8.9	224705.5	-5838.7	8105	9.5	234451.0	-5845.6	64	8.6	05400.5	-5904.8	154	8.4	14741.7	-5931.1

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155	10.2	14744.2	-5951.6	245	9.7	25356.5	-5940.9	335	9.2	41838.5	-5942.8	425	9.6	50644.5	-5927.3
156	10.6	14810.7	-5941.2	246	9.2	25410.0	-5921.5	336	9.1	41853.0	-5927.4	426	9.5	50648.0	-5905.1
157	10.6	14822.5	-5924.4	247	9.0	25426.5	-5924.3	337	9.8	41907.5	-5953.7	427	9.6	50709.5	-5941.7
158	9.9	14844.5	-5929.3	248	9.6	25734.5	-5914.1	338	9.0	41939.0	-5959.1	428	9.7	50713.5	-5950.9
159	10.6	14855.2	-5956.4	249	9.6	25916.5	-5923.4	339	9.5	41945.5	-5917.1	429	9.2	50730.5	-5933.1
160	10.2	15015.5	-5907.4	250	8.4	30023.0	-5925.2	340	9.6	42159.5	-5925.2	430	9.6	50845.0	-5953.1
161	10.2	15050.2	-5937.7	251	9.0	30027.5	-5943.6	341	9.5	42252.0	-5945.1	431	9.6	50859.5	-5910.1
162	10.2	15104.2	-5956.1	252	9.6	30412.5	-5926.0	342	9.6	42253.0	-5903.9	432	9.6	50919.5	-5922.9
163	8.8	15106.2	-5953.2	253	8.8	30446.0	-5916.1	343	9.6	42340.0	-5959.1	433	9.4	50930.0	-5949.8
164	9.8	15136.9	-5944.0	254	8.6	30529.5	-5951.1	344	9.8	42359.0	-5952.9	434	9.6	50937.0	-5956.1
165	10.4	15153.2	-5919.4	255	8.3	30633.0	-5913.5	345	9.2	42434.0	-5903.5	435	9.6	50940.5	-5939.5
166	10.2	15208.9	-5957.0	256	9.6	30647.0	-5913.1	346	8.9	42529.0	-5939.0	436	8.7	50952.0	-5908.0
167	9.0	15219.7	-5905.0	257	7.7	30711.0	-5941.7	347	9.8	42619.0	-5908.7	437	9.8	51002.5	-5931.8
168	7.5	15224.7	-5905.0	258	8.8	30728.0	-5918.1	348	9.6	42637.0	-5959.2	438	9.6	51004.0	-5932.5
169	9.8	15245.2	-5909.7	259	9.5	30853.0	-5948.1	349	9.2	42647.5	-5906.2	439	9.4	51017.0	-5955.2
170	9.9	15255.9	-5936.0	260	9.4	30943.0	-5922.9	350	9.9	42704.5	-5917.8	440	9.4	51018.5	-5938.1
171	9.9	15314.4	-5939.8	261	8.7	31000.0	-5952.9	351	9.2	42749.0	-5911.7	441	9.6	51018.5	-5922.4
172	9.0	15340.9	-5957.4	262	8.4	31106.0	-5934.6	352	9.8	42803.0	-5948.9	442	9.4	51030.3	-5903.1
173	10.6	15347.4	-5950.9	263	7.6	31201.8	-5958.7	353	9.2	42850.0	-5910.6	443	9.5	51050.5	-5917.3
174	9.0	15355.2	-5925.2	264	9.0	31211.0	-5939.2	354	9.6	42859.0	-5949.0	444	9.0	51108.5	-5948.3
175	9.2	15512.4	-5931.1	265	9.1	31312.3	-5928.5	355	9.4	42916.0	-5928.6	445	9.6	51131.0	-5908.1
176	10.6	15603.4	-5947.8	266	9.4	31345.5	-5953.1	356	9.9	42919.0	-5937.9	446	8.2	51133.5	-5943.8
177	10.6	15621.2	-5907.6	267	9.8	31432.5	-5956.8	357	9.9	42929.8	-5941.1	447	9.6	51148.0	-5907.3
178	9.5	15700.2	-5903.4	268	8.5	31919.7	-5908.8	358	9.6	42939.2	-5901.7	448	9.6	51204.0	-5927.0
179	10.6	15831.2	-5902.9	269	8.2	32003.2	-5924.1	359	9.5	42941.2	-5926.8	449	9.6	51209.0	-5942.9
180	8.1	15943.9	-5959.3	270	9.8	32009.5	-5938.2	360	9.8	43025.5	-5907.0	450	9.3	51236.0	-5909.1
181	10.6	15945.9	-5900.3	271	8.6	32011.0	-5922.8	361	9.6	43103.5	-5923.0	451	9.6	51321.0	-5913.1
182	10.0	15948.2	-5925.4	272	8.4	32032.8	-5916.6	362	8.7	43240.8	-5924.5	452	9.6	51405.0	-5920.2
183	10.6	20102.9	-5947.9	273	8.2	32049.5	-5926.0	363	9.8	43302.5	-5925.4	453	9.4	51509.3	-5958.5
184	10.6	20121.2	-5928.1	274	9.8	32109.0	-5948.6	364	9.8	43323.0	-5922.5	454	9.6	51527.0	-5907.8
185	9.7	20124.0	-5945.6	275	8.2	32327.5	-5943.5	365	9.6	43410.2	-5901.4	455	9.6	51539.0	-5918.1
186	8.0	20124.1	-5945.8	276	9.0	32339.5	-5944.1	366	9.8	43415.5	-5942.7	456	9.7	51652.5	-5936.7
187	10.6	20155.6	-5947.5	277	9.8	32357.5	-5927.3	367	9.6	43431.5	-5940.6	457	9.6	51659.5	-5921.5
188	10.4	20224.4	-5947.7	278	9.8	32511.8	-5900.1	368	9.2	43639.5	-5903.5	458	9.6	51723.0	-5926.1
189	10.6	20229.2	-5904.7	279	9.8	32742.5	-5908.1	369	7.6	43651.5	-5913.4	459	9.0	51747.0	-5901.7
190	10.0	20302.9	-5943.1	280	7.8	32746.3	-5900.1	370	7.1	43814.5	-5911.3	460	9.6	51841.0	-5942.3
191	10.2	20317.7	-5914.9	281	8.0	33020.5	-5903.9	371	9.8	44101.0	-5918.6	461	9.7	51932.5	-5908.2
192	10.6	20337.4	-5930.9	282	9.8	33039.5	-5930.7	372	8.2	44124.5	-5901.3	462	9.4	52031.5	-5903.3
193	10.2	20514.4	-5950.5	283	9.4	33257.0	-5940.8	373	9.0	44137.0	-5955.3	463	8.3	52107.5	-5944.9
194	10.6	20527.4	-5931.4	284	9.8	33635.5	-5910.9	374	9.8	44154.5	-5957.8	464	9.4	52158.0	-5943.1
195	10.6	20648.4	-5940.5	285	9.6	33756.5	-5904.1	375	9.0	44208.5	-5931.4	465	9.7	52222.5	-5903.9
196	8.1	20715.7	-5944.4	286	9.4	33858.5	-5923.4	376	5.4	44228.8	-5957.7	466	9.8	52258.5	-5957.7
197	9.6	20732.2	-5959.5	287	9.4	34057.5	-5924.7	377	9.2	44229.5	-5933.0	467	9.4	52325.0	-5943.1
198	9.4	20752.5	-5919.7	288	9.8	34142.5	-5926.2	378	9.8	44409.0	-5940.8	468	9.8	52401.0	-5921.6
199	8.2	20859.5	-5952.5	289	9.4	34205.5	-5935.9	379	9.2	44433.5	-5926.8	469	9.2	52401.0	-5921.9
200	9.2	20913.0	-5903.3	290	9.4	34255.5	-5938.5	380	7.8	44509.0	-5921.3	470	9.5	52409.5	-5914.0
201	9.0	21445.0	-5925.0	291	9.2	34422.0	-5926.4	381	9.8	44513.0	-5951.1	471	8.3	52430.0	-5917.7
202	8.9	21510.5	-5947.6	292	9.0	34858.5	-5937.4	382	9.4	44628.0	-5944.8	472	6.5	52430.0	-5901.1
203	8.6	21552.5	-5955.4	293	8.8	35115.5	-5947.0	383	9.5	44757.5	-5951.9	473	9.2	52438.0	-5921.8
204	8.5	21648.0	-5903.2	294	9.8	35148.2	-5907.1	384	9.4	44806.0	-5900.8	474	9.6	52606.0	-5927.1
205	8.8	21840.0	-5944.2	295	9.8	35608.2	-5912.0	385	9.8	44821.5	-5955.1	475	9.0	52630.5	-5914.7
206	9.0	22014.5	-5905.8	296	9.4	35714.9	-5901.7	386	9.2	44905.5	-5912.7	476	9.8	52816.5	-5932.6
207	9.6	22119.0	-5942.9	297	9.1	35809.0	-5939.4	387	8.7	44942.0	-5912.8	477	9.8	52842.5	-5955.1
208	9.4	22202.5	-5944.8	298	6.8	35819.2	-5900.8	388	9.5	45006.5	-5916.1	478	9.4	52851.5	-5957.7
209	9.0	22254.0	-5939.0	299	9.0	35820.0	-5922.9	389	9.8	45007.5	-5952.9	479	9.6	52951.0	-5917.0
210	8.9	22309.7	-5902.9	300	9.1	35829.0	-5917.7	390	9.8	45014.5	-5915.6	480	9.6	53019.5	-5940.1
211	8.8	22427.0	-5946.7	301	9.9	35832.5	-5959.6	391	9.8	45029.5	-5920.7	481	9.2	53029.0	-5917.0
212	9.6	22620.0	-5933.2	302	10.0	35916.2	-5911.7	392	9.8	45102.5	-5906.2	482	8.5	53144.5	-5938.9
213	8.6	22641.5	-5940.6	303	9.6	40022.5	-5949.9	393	9.2	45106.0	-5957.7	483	9.6	53307.5	-5933.1
214	8.4	22751.5	-5942.2	304	9.0	40037.5	-5952.7	394	9.8	45122.0	-5959.6	484	9.7	53350.5	-5911.4
215	7.8	22803.5	-5925.4	305	7.4	40039.0	-5955.3	395	9.8	45247.5	-5922.1	485	8.6	53520.0	-5934.1
216	8.4	22826.0	-5940.2	306	9.6	40041.0	-5913.8	396	9.4	45254.0	-5929.9	486	9.3	53520.5	-5943.3
217	8.8	23012.5	-5914.2	307	9.9	40130.0	-5912.5	397	9.5	45256.0	-5902.3	487	9.8	53521.5	-5943.1
218	9.2	23105.8	-5924.8	308	8.5	40151.5	-5917.7	398	8.8	45312.0	-5918.6	488	9.6	53527.0	-5926.1
219	9.6	23122.5	-5954.7	309	9.5	40159.0	-5951.7	399	9.2	45413.5	-5916.3	489	9.8	53547.5	-5953.7
220	9.2	23236.0	-5934.6	310	9.6	40509.0	-5904.6	400	8.8	45424.0	-5917.2	490	8.0	53618.5	-5950.8
221	9.6	23241.5	-5917.7	311	9.8	40512.0	-5905.7	401	8.9	45430.5	-5915.3	491	6.9	53630.5	-5911.0
222	8.8	23315.0	-5956.8	312	9.4	40514.0	-5909.9	402	9.5	45442.0	-5903.5	492	9.0	53647.5	-5908.5
223	8.4	23450.0	-5933.3	313	9.8	40611.5	-5956.1	403	9.6	45450.0	-5907.7	493	9.6	53707.5	-5955.4
224	8.4	23549.0	-5955.1	314	9.6	40624.0	-5950.9	404	9.8	45518.5	-5909.9	494	9.6	53712.0	-5946.1
225	9.4	23724.5	-5909.8	315	9.8	40708.2	-5917.1	405	9.8	45519.5	-5937.5	495	7.8	53719.5	-5901.6
226	9.8	24021.5	-5959.0	316	9.6	40726.5	-5908.3	406	9.8	45525.5	-5909.5	496	9.6	53751.0	-5926.0
227	9.0	24129.0	-5910.4	317	9.5	40848.5	-5923.6	407	9.8	45552.0	-5925.0	497	9.2	53826.5	-5919.7
228	9.5	24143.5	-5927.3	318	7.8	40930.0	-5929.2	408	9.8	45619.5	-5942.6	498	9.6	53933.5	-5903.0
229	8.9	24207.0	-5925.1	319	9.9	41014.8	-5902.1	409	8.4	45638.5	-5919.0	499	7.8	53947.0	-5949.7
230	9.6	24208.5	-5916.5	320	9.6	41045.0	-5947.3	410	8.8	45720.5	-5941.7	500	10.0	54025.5	-5943.2
231	9.2	24217.0	-5942.6	321	8.6	41223.0	-5924.1	411	9.8	45904.5	-5913.9	501	9.2	54126.7	-5912.0
232	9.0	24236.5	-5955.2	322	9.4	41302.5	-5908.7	412	9.8	45911.5	-5910.9	502	9.9	54158.5	-5908.1
233	9.1	24427.0	-5934.5	323	9.5	41405.5	-5931.7	413	9.8	45921.5	-5945.7	503	8.9	54229.0	-5959.9
234	8.9	24513.5	-5910.1	324	5.4	41419.5	-5936.1	414	9.6	45943.5	-5941.6	504	9.6	54248.7	-5930.7
235	8.7	24541.0	-5919.4	325	9.9	41428.0	-5915.6	415	9.0	50114.0	-5915.0	505	9.6	54254.0	-5939.0
236	9.2	24711.0	-5914.1	326	9.8	41450.5	-5904.8	416	9.6	50158.7	-5901.3	506	10.0	54302.5	-5957.8
237	9.6	24838.3	-5900.6	327	9.6	41517.0	-5925.9	417	9.8	50219.5	-5923.9	507	10.0	54304.5	-5956.8
238	9.7	24847.5	-5946.3	328	9.6	41657.0	-5912.9	418	9.8	50232.5	-5916.4	508	9.6	54326.2	-5936.0
239	9.5	24910.5	-5923.1	329	7.1	41658.3	-5902.9	419	9.8	50351.0	-5947.5	509	9.2	54337.7	-5958.6
240	8.9	24917.7	-5900.3	330	9.4	41712.0	-5910.7	420	9.8	50429.8	-5939.2	510	9.7	54343.7	-5927.6
241	9.7	24920.0	-5906.9	331	9.8	41720.5	-5953.1	421	8.8	50452.5	-5913.0	511	9.3	54356.0	-5952.4
242	9.4	25217.0	-5939.0	332	9.6	41729.0	-5948.8	422	9.7	50513.5	-5907.5	512	9.4	54414.8	-5913.0
243	8.7	25308.0	-5918.7	333	9.9	41808.2	-5914.6	423	8.5	50556.5	-5938.4	513	10.0	54416.5	-5931.8
244	9.4	25347.0	-5907.1	334	9.8	41818.2	-5941.2	424	9.6	50618.5	-5946.6	514	10.0	54447.4	-5958.9

-59 514 5h44m

-59 515 5h44m

515	9.6	54454.0	-5908.9
516	9.3	54516.5	-5903.0
517	9.6	54522.5	-5910.1
518	9.4	54618.0	-5905.7
519	10.0	54631.5	-5904.9
520	9.8	54649.5	-5937.7
521	9.8	54650.0	-5942.9
522	8.6	54803.5	-5952.4
523	9.9	54809.0	-5918.8
524	9.0	54838.5	-5924.9
525	9.2	54842.0	-5920.1
526	9.9	54858.5	-5901.6
527	10.0	54859.5	-5949.9
528	9.8	54904.5	-5903.2
529	9.3	54953.7	-5958.9
530	9.8	55000.8	-5959.0
531	10.0	55020.0	-5910.8
532	9.4	55029.7	-5959.9
533	9.8	55042.5	-5920.1
534	10.0	55058.0	-5900.0
535	9.2	55101.5	-5921.4
536	10.0	55118.5	-5902.0
537	10.0	55130.5	-5900.3
538	8.2	55233.5	-5947.5
539	9.6	55248.5	-5908.8
540	8.1	55317.5	-5937.5
541	9.6	55328.5	-5935.2
542	8.8	55333.0	-5955.7
543	9.9	55342.0	-5958.7
544	10.0	55359.5	-5905.5
545	9.7	55410.0	-5913.7
546	8.2	55411.5	-5912.9
547	9.6	55421.2	-5957.6
548	9.6	55425.0	-5942.1
549	9.7	55439.0	-5931.6
550	9.6	55442.5	-5955.4
551	10.0	55444.5	-5916.0
552	8.9	55453.0	-5958.5
553	10.0	55503.0	-5916.4
554	9.2	55508.0	-5925.9
555	10.0	55527.5	-5906.1
556	10.0	55624.0	-5935.3
557	9.3	55655.0	-5940.5
558	10.0	55743.0	-5912.0
559	9.9	55752.5	-5922.1
560	10.0	55757.0	-5915.1
561	9.3	55802.5	-5949.9
562	8.8	55924.5	-5928.0
563	9.0	55935.0	-5943.3
564	10.0	55937.8	-5900.2
565	9.5	55942.0	-5941.6
566	9.6	55942.5	-5909.1
567	10.0	55950.0	-5909.9
568	9.5	60010.5	-5951.7
569	9.4	60010.5	-5949.0
570	9.6	60119.0	-5927.8
571	8.6	60129.5	-5935.9
572	9.8	60135.0	-5917.4
573	10.0	60140.0	-5931.9
574	10.0	60147.0	-5905.4
575	9.2	60157.0	-5915.8
576	9.6	60209.5	-5922.9
577	10.0	60236.5	-5901.7
578	8.2	60239.5	-5948.7
579	9.8	60243.5	-5906.5
580	9.1	60303.0	-5946.9
581	9.6	60320.0	-5937.4
582	9.2	60329.5	-5907.8
583	9.6	60355.0	-5922.6
584	8.3	60427.0	-5930.0
585	8.9	60436.2	-5957.5
586	10.0	60459.5	-5913.9
587	10.0	60504.5	-5916.9
588	10.0	60523.5	-5936.3
589	10.0	60608.3	-5906.0
590	10.0	60608.5	-5950.7
591	10.0	60618.5	-5920.4
592	8.9	60619.0	-5901.5
593	9.2	60644.5	-5920.8
594	8.0	60708.0	-5926.4
595	9.4	60718.0	-5944.9
596	7.8	60758.0	-5929.7
597	9.1	60812.5	-5946.4
598	10.0	60823.3	-5916.4
599	10.0	60825.0	-5911.1
600	10.0	60900.0	-5907.1
601	7.8	60912.5	-5946.4
602	10.0	60933.0	-5942.9
603	8.4	60954.0	-5912.8
604	9.6	60956.0	-5958.3
605	10.0	61013.5	-5950.0
606	10.0	61039.5	-5943.9
607	9.1	61041.5	-5923.4
608	8.4	61043.5	-5944.7
609	8.1	61111.5	-5953.9
610	8.4	61118.5	-5931.7
611	10.0	61134.0	-5944.9
612	9.5	61136.5	-5906.4
613	9.4	61138.5	-5952.7
614	10.0	61141.5	-5945.9
615	9.7	61224.5	-5950.2
616	9.2	61320.0	-5940.8
617	8.2	61409.5	-5906.6
618	8.0	61430.0	-5909.8
619	7.4	61434.5	-5909.3
620	9.6	61435.0	-5915.8
621	10.0	61451.3	-5937.4
622	10.0	61513.8	-5926.4
623	10.0	61517.0	-5935.2
624	9.6	61544.5	-5919.1
625	9.9	61559.2	-5948.4
626	10.0	61603.0	-5902.6
627	9.4	61718.8	-5956.0
628	10.0	61819.0	-5949.2
629	9.6	61823.5	-5957.0
630	9.7	61828.5	-5915.8
631	9.8	61831.2	-5919.0
632	10.0	61831.7	-5948.5
633	9.8	61853.5	-5932.5
634	10.0	61857.0	-5941.7
635	10.0	61906.5	-5936.9
636	10.0	61916.0	-5956.4
637	7.6	61948.8	-5957.6
638	9.4	62010.0	-5912.1
639	10.0	62044.5	-5945.2
640	9.5	62204.5	-5927.2
641	8.8	62234.0	-5901.1
642	9.9	62255.0	-5920.2
643	8.9	62315.5	-5916.3
644	9.6	62319.0	-5949.9
645	10.0	62323.0	-5936.1
646	10.0	62330.0	-5935.2
647	10.0	62350.5	-5934.3
648	9.8	62356.0	-5903.3
649	9.7	62440.0	-5906.9
650	9.7	62514.0	-5954.2
651	10.0	62540.0	-5938.3
652	9.8	62631.5	-5932.4
653	7.7	62636.0	-5932.0
654	9.7	62637.5	-5920.1
655	9.7	62647.0	-5951.5
656	9.8	62654.0	-5910.1
657	9.0	62714.7	-5959.0
658	8.6	62717.0	-5941.2
659	10.0	62740.0	-5940.8
660	7.9	62749.0	-5940.9
661	10.0	62754.0	-5917.9
662	6.9	62813.0	-5930.1
663	9.8	62815.5	-5955.1
664	9.4	62826.5	-5949.2
665	10.0	62935.5	-5902.5
666	9.8	63003.5	-5947.1
667	9.8	63011.0	-5928.0
668	9.9	63035.5	-5929.9
669	9.6	63039.0	-5959.1
670	9.5	63045.0	-5922.5
671	9.0	63057.5	-5910.0
672	9.4	63148.0	-5902.3
673	10.0	63218.0	-5951.5
674	9.6	63242.5	-5925.9
675	9.6	63415.5	-5909.0
676	9.6	63429.0	-5904.7
677	8.4	63452.5	-5906.8
678	10.0	63456.2	-5907.0
679	10.0	63509.5	-5940.0
680	10.0	63616.5	-5940.2
681	8.3	63619.5	-5939.6
682	9.2	63703.0	-5923.2
683	8.8	63710.0	-5905.9
684	10.0	63719.0	-5945.0
685	10.0	63724.5	-5922.4
686	7.4	63832.8	-5900.3
687	8.4	63835.5	-5904.8
688	9.8	63904.5	-5906.4
689	10.0	63921.5	-5941.3
690	9.8	63951.0	-5943.0
691	8.8	64029.5	-5930.5
692	9.8	64112.5	-5941.5
693	10.0	64244.5	-5907.0
694	9.1	64245.5	-5908.8
695	10.0	64252.0	-5918.5
696	10.0	64303.0	-5944.1
697	8.4	64304.0	-5910.3
698	8.2	64326.5	-5933.3
699	9.0	64334.0	-5947.5
700	10.0	64335.0	-5911.3
701	9.5	64353.0	-5910.2
702	10.0	64423.5	-5900.9
703	8.8	64452.0	-5944.0
704	8.2	64527.0	-5949.4
705	10.0	64550.0	-5942.2
706	10.0	64550.0	-5942.4
707	8.8	64612.0	-5901.6
708	10.0	64731.5	-5913.9
709	8.7	64747.5	-5942.9
710	9.6	64749.0	-5931.1
711	10.0	64805.0	-5914.0
712	9.8	64919.5	-5951.6
713	8.8	64925.0	-5909.0
714	8.6	64944.5	-5933.4
715	9.3	64959.0	-5914.5
716	6.7	65055.0	-5911.3
717	8.8	65207.0	-5953.9
718	7.5	65210.0	-5943.3
719	9.8	65248.5	-5950.2
720	9.4	65248.5	-5919.9
721	10.0	65250.3	-5902.9
722	9.4	65254.2	-5900.0
723	9.3	65329.5	-5915.0
724	9.3	65343.5	-5919.5
725	8.7	65344.0	-5922.1
726	9.4	65345.5	-5927.7
727	9.4	65350.5	-5904.6
728	9.3	65400.5	-5930.0
729	9.4	65408.7	-5916.1
730	9.3	65412.5	-5907.1
731	9.4	65431.5	-5922.1
732	8.0	65443.5	-5909.6
733	9.3	65459.5	-5943.1
734	9.4	65501.0	-5917.3
735	9.0	65501.5	-5912.7
736	9.3	65502.0	-5904.7
737	9.4	65646.5	-5909.4
738	9.3	65715.5	-5904.9
739	9.4	65717.5	-5903.3
740	8.8	65727.5	-5952.1
741	9.4	65749.5	-5925.2
742	8.9	65832.5	-5947.0
743	9.4	65835.3	-5900.3
744	9.4	65847.5	-5919.9
745	9.2	65859.0	-5935.1
746	9.1	65905.5	-5951.2
747	9.2	65912.5	-5909.1
748	9.2	65914.0	-5950.9
749	9.4	65916.0	-5934.9
750	9.4	65922.5	-5944.0
751	9.3	65928.3	-5958.1
752	8.5	65943.0	-5915.0
753	8.2	70010.0	-5916.5
754	9.1	70024.5	-5909.9
755	9.0	70049.5	-5942.2
756	9.2	70055.5	-5927.1
757	9.4	70130.5	-5940.8
758	9.4	70140.5	-5912.1
759	9.4	70211.0	-5929.0
760	9.2	70247.0	-5923.1
761	8.8	70253.5	-5905.6
762	9.4	70254.5	-5957.4
763	9.0	70317.0	-5945.1
764	9.3	70319.5	-5929.3
765	9.3	70323.0	-5916.2
766	9.0	70329.0	-5912.0
767	7.8	70334.8	-5957.9
768	9.0	70402.5	-5937.8
769	9.2	70423.0	-5953.4
770	7.8	70445.0	-5948.0
771	6.7	70525.0	-5931.1
772	9.4	70532.0	-5936.9
773	8.9	70545.0	-5920.8
774	9.4	70558.0	-5929.0
775	9.3	70600.0	-5938.8
776	9.0	70608.0	-5926.7
777	9.0	70629.0	-5916.1
778	9.4	70634.0	-5933.1
779	9.4	70639.0	-5917.0
780	9.4	70653.0	-5927.0
781	9.3	70659.0	-5944.0
782	9.2	70659.0	-5917.2
783	9.0	70709.0	-5910.1
784	8.9	70719.0	-5948.8

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785	9.3	70732.0	-5928.8
786	9.4	70748.0	-5952.1
787	8.8	70810.0	-5910.2
788	9.0	70823.0	-5907.4
789	9.4	70850.0	-5903.1
790	9.4	70856.0	-5946.3
791	9.4	70905.0	-5932.5
792	9.4	70932.0	-5916.1
793	7.7	71019.0	-5937.5
794	9.1	71030.0	-5919.1
795	9.1	71040.5	-5920.5
796	9.4	71125.2	-5958.1
797	8.0	71130.0	-5950.6
798	8.7	71212.0	-5953.2
799	9.3	71212.4	-5957.1
800	9.4	71229.4	-5959.3
801	8.7	71252.0	-5902.9
802	9.4	71316.5	-5920.4
803	8.9	71328.0	-5946.5
804	8.9	71331.0	-5919.3
805	9.1	71344.0	-5920.1
806	9.3	71419.0	-5904.1
807	9.0	71513.0	-5911.1
808	8.7	71519.0	-5924.3
809	7.5	71539.5	-5902.1
810	9.4	71603.5	-5929.8
811	8.0	71636.5	-5930.1
812	8.9	71648.5	-5933.9
813	9.4	71709.0	-5904.1
814	9.3	71711.5	-5933.6
815	9.2	71738.0	-5938.1
816	8.8	71755.0	-5903.6
817	9.2	71759.0	-5937.3
818	9.3	71819.5	-5915.8
819	8.8	71911.0	-5955.1
820	9.1	71926.0	-5954.0
821	9.4	72049.0	-5912.5
822	9.2	72148.5	-5943.5
823	9.4	72204.0	-5911.5
824	8.8	72302.0	-5941.0
825	9.3	72423.0	-5911.0
826	9.4	72449.0	-5940.0
827	9.4	72453.0	-5923.4
828	9.2	72453.0	-5938.8
829	8.3	72459.0	-5919.3
830	9.2	72554.0	-5908.0
831	9.4	72638.0	-5942.7
832	9.4	72707.5	-5924.0
833	8.6	72738.8	-5920.0
834	8.0	72751.0	-5950.9
835	9.1	72825.2	-5917.5
836	9.1	72914.8	-5914.0
837	9.3	72924.5	-5945.3
838	9.7	72940.5	-5915.2
839	9.7	73000.5	-5950.9
840	9.6	73004.5	-5913.1
841	9.7	73009.5	-5904.5
842	8.6	73009.7	-5901.1
843	9.7	73019.5	-5922.1
844	9.7	73031.5	-5901.6
845	9.7	73120.5	-5911.8
846	9.7	73123.5	-5946.9
847	9.6	73201.5	-5956.7
848	9.6	73205.5	-5901.5
849	8.0	73209.5	-5958.3
850	9.3	73225.5	-5924.9
851	9.6	73314.2	-5924.7
852	8.7	73319.7	-5915.5
853	9.7	73330.0	-5901.1
854	9.4	73407.5	-5948.2
855	8.4	73409.5	-5920.1
856	9.4	73423.5	-5950.5
857	9.4	73433.5	-5914.5
858	9.2	73439.5	-5938.5
859	8.7	73442.0	-5918.5
860	9.6	73503.0	-5955.0
861	9.7	73509.5	-5904.9
862	9.0	73548.0	-5903.6
863	9.7	73616.5	-5922.5
864	9.5	73646.0	-5932.1
865	8.8	73648.5	-5956.7
866	9.7	73649.8	-5900.9
867	9.7	73717.5	-5959.1
868	9.7	73725.0	-5929.1
869	9.7	73725.5	-5953.2
870	8.2	73728.0	-5939.6
871	9.6	73835.0	-5950.5
872	9.5	73856.5	-5952.6
873	7.6	73914.5	-5942.4
874	9.4	73918.0	-5927.1

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-59 1234 8h59m

875	9.7	73918.5	-5927.5	965	8.3	80004.5	-5927.7	1055	9.1	82839.5	-5905.0	1145	9.9	84653.5	-5911.8
876	9.6	73941.5	-5913.4	966	9.7	80019.0	-5949.1	1056	9.5	82925.0	-5958.0	1146	9.6	84658.0	-5922.3
877	8.4	73942.5	-5959.2	967	9.7	80033.0	-5937.3	1057	9.6	83128.0	-5949.0	1147	9.7	84659.0	-5923.0
878	9.7	73958.5	-5958.9	968	9.4	80043.5	-5901.8	1058	9.5	83210.5	-5953.8	1148	10.0	84659.5	-5935.0
879	9.7	74008.8	-5958.8	969	8.8	80044.5	-5952.5	1059	9.2	83215.5	-5954.2	1149	9.7	84708.0	-5939.6
880	9.7	74012.5	-5904.9	970	9.7	80045.5	-5901.6	1060	8.1	83240.0	-5958.0	1150	9.9	84715.0	-5917.2
881	8.5	74019.0	-5908.6	971	8.5	80048.0	-5943.0	1061	9.2	83254.5	-5906.6	1151	10.0	84750.0	-5910.9
882	9.7	74019.2	-5903.2	972	8.8	80048.5	-5941.4	1062	9.6	83255.5	-5908.8	1152	10.0	84750.0	-5910.2
883	7.6	74025.3	-5900.3	973	8.3	80110.5	-5947.8	1063	9.6	83319.5	-5903.0	1153	9.9	84757.0	-5945.9
884	9.7	74044.0	-5918.0	974	9.5	80208.5	-5952.8	1064	9.6	83359.5	-5915.6	1154	8.7	84808.5	-5957.8
885	9.7	74050.0	-5933.5	975	9.4	80214.5	-5944.5	1065	7.6	83403.5	-5953.4	1155	9.8	84809.0	-5904.9
886	9.6	74107.2	-5905.0	976	9.2	80356.5	-5907.7	1066	9.2	83403.5	-5940.0	1156	7.9	84818.7	-5901.0
887	8.5	74109.0	-5931.3	977	9.7	80359.5	-5921.4	1067	9.6	83419.2	-5933.3	1157	10.0	84845.5	-5953.1
888	9.4	74109.0	-5917.1	978	9.2	80402.0	-5947.5	1068	9.5	83422.0	-5948.9	1158	10.0	84848.0	-5951.2
889	9.7	74119.5	-5917.8	979	9.7	80415.3	-5930.9	1069	9.4	83500.5	-5943.8	1159	10.0	84856.5	-5946.0
890	8.9	74145.0	-5955.5	980	7.3	80500.0	-5904.4	1070	9.2	83505.8	-5902.8	1160	8.8	84859.0	-5914.5
891	8.7	74159.0	-5943.4	981	9.7	80501.3	-5912.5	1071	9.4	83511.5	-5929.8	1161	10.0	84903.0	-5917.0
892	8.8	74224.5	-5912.1	982	9.0	80508.0	-5955.6	1072	9.3	83516.5	-5909.7	1162	9.7	84904.3	-5901.6
893	9.6	74239.0	-5912.7	983	7.6	80508.5	-5959.1	1073	9.6	83530.5	-5931.6	1163	10.0	84918.8	-5901.4
894	9.4	74239.5	-5954.3	984	9.7	80515.3	-5921.0	1074	9.6	83618.5	-5946.1	1164	9.8	84920.0	-5936.1
895	9.2	74303.5	-5902.6	985	9.6	80610.0	-5936.6	1075	6.8	83633.0	-5952.6	1165	9.9	84948.0	-5930.0
896	9.6	74345.0	-5917.5	986	8.8	80611.0	-5946.1	1076	9.5	83644.0	-5956.8	1166	7.9	85000.5	-5921.8
897	8.4	74408.5	-5930.5	987	9.6	80636.5	-5901.9	1077	9.5	83703.2	-5905.8	1167	9.9	85004.0	-5904.0
898	8.5	74409.0	-5930.3	988	9.6	80647.0	-5927.5	1078	6.6	83712.5	-5906.2	1168	9.8	85010.3	-5901.5
899	9.4	74426.0	-5908.6	989	9.2	80659.0	-5946.0	1079	9.2	83749.0	-5958.4	1169	9.9	85024.5	-5919.5
900	8.8	74538.0	-5951.3	990	6.9	80705.0	-5910.3	1080	4.4	83750.0	-5918.8	1170	9.6	85032.0	-5911.1
901	8.2	74554.5	-5935.5	991	9.0	80712.0	-5951.0	1081	9.6	83754.5	-5944.0	1171	9.9	85032.5	-5935.0
902	9.7	74608.5	-5954.5	992	8.7	80729.5	-5904.0	1082	9.4	83828.5	-5934.6	1172	9.8	85048.5	-5909.8
903	9.4	74627.7	-5912.2	993	9.6	80843.0	-5907.6	1083	9.6	83834.5	-5950.6	1173	9.6	85049.0	-5928.1
904	8.3	74628.5	-5951.3	994	9.6	80856.0	-5945.8	1084	8.9	83839.5	-5923.0	1174	5.8	85056.5	-5952.7
905	8.8	74650.0	-5943.1	995	9.2	80910.0	-5948.8	1085	9.4	83839.5	-5948.5	1175	9.2	85102.0	-5938.9
906	9.6	74703.7	-5909.1	996	9.6	80910.5	-5916.0	1086	8.8	83906.5	-5924.5	1176	9.2	85111.0	-5941.1
907	7.8	74708.5	-5903.5	997	8.4	80920.0	-5942.0	1087	9.5	83938.2	-5914.3	1177	9.8	85134.0	-5915.4
908	6.4	74709.0	-5958.4	998	9.6	80942.0	-5910.0	1088	7.4	83940.0	-5904.7	1178	10.0	85142.5	-5936.9
909	9.7	74727.0	-5955.1	999	9.1	80950.0	-5956.4	1089	8.8	84000.2	-5957.8	1179	9.8	85144.0	-5944.2
910	7.8	74749.0	-5944.0	1000	9.0	80953.0	-5939.8	1090	9.5	84050.5	-5908.3	1180	9.8	85148.0	-5954.0
911	9.7	74758.5	-5928.1	1001	9.6	81011.0	-5904.2	1091	10.0	84103.0	-5952.0	1181	8.6	85150.0	-5904.5
912	9.2	74804.0	-5945.3	1002	9.6	81025.0	-5905.8	1092	8.1	84103.2	-5908.0	1182	9.8	85152.5	-5944.9
913	8.7	74820.5	-5942.2	1003	9.2	81132.5	-5914.2	1093	9.5	84106.7	-5954.5	1183	10.0	85158.5	-5932.1
914	9.2	74838.0	-5935.1	1004	9.6	81154.5	-5936.0	1094	10.0	84107.5	-5952.1	1184	10.0	85159.0	-5902.5
915	9.5	74843.5	-5924.3	1005	8.8	81156.5	-5953.9	1095	9.6	84128.5	-5940.7	1185	10.0	85205.0	-5934.0
916	7.2	74844.5	-5919.5	1006	9.0	81200.0	-5905.8	1096	9.7	84135.7	-5929.6	1186	9.8	85229.0	-5909.1
917	8.3	74918.5	-5920.1	1007	9.5	81233.7	-5925.7	1097	9.9	84137.0	-5929.5	1187	10.0	85243.0	-5956.0
918	9.7	74942.5	-5907.3	1008	9.2	81236.7	-5914.5	1098	9.8	84142.0	-5908.0	1188	9.9	85323.0	-5909.8
919	9.2	74943.7	-5950.1	1009	9.6	81238.5	-5913.8	1099	9.8	84151.0	-5916.9	1189	8.5	85324.5	-5959.5
920	9.4	74949.5	-5956.1	1010	9.6	81251.0	-5924.0	1100	9.4	84154.5	-5912.5	1190	9.9	85331.5	-5924.4
921	7.3	74959.5	-5917.4	1011	9.6	81253.0	-5939.4	1101	9.5	84208.5	-5927.2	1191	9.0	85334.0	-5916.7
922	7.6	75008.5	-5910.2	1012	8.9	81320.0	-5940.2	1102	10.0	84238.5	-5913.0	1192	8.9	85340.0	-5950.5
923	8.6	75018.0	-5935.1	1013	9.2	81330.0	-5919.8	1103	9.8	84239.0	-5905.2	1193	9.9	85342.0	-5932.2
924	9.7	75018.0	-5954.4	1014	9.2	81343.0	-5919.7	1104	9.6	84247.2	-5908.5	1194	8.3	85346.3	-5902.4
925	8.3	75040.5	-5930.5	1015	9.6	81348.4	-5959.0	1105	8.7	84249.5	-5912.9	1195	8.8	85352.0	-5925.7
926	9.6	75041.0	-5930.3	1016	9.6	81432.0	-5957.5	1106	9.7	84253.3	-5901.1	1196	9.6	85403.5	-5900.6
927	9.3	75049.5	-5943.5	1017	7.3	81541.0	-5955.4	1107	9.6	84257.7	-5906.2	1197	9.3	85422.0	-5933.1
928	8.2	75050.0	-5905.3	1018	8.4	81559.5	-5955.1	1108	9.2	84316.0	-5945.8	1198	9.8	85432.5	-5910.0
929	9.5	75059.0	-5957.9	1019	9.0	81625.5	-5909.0	1109	9.9	84320.5	-5924.0	1199	9.8	85434.0	-5957.0
930	9.2	75115.0	-5959.3	1020	9.1	81630.5	-5946.2	1110	10.0	84331.5	-5912.9	1200	9.6	85437.5	-5954.9
931	9.4	75159.0	-5918.2	1021	8.9	81632.5	-5948.0	1111	10.0	84339.0	-5912.0	1201	10.0	85454.0	-5909.0
932	8.6	75230.5	-5934.0	1022	9.4	81639.5	-5913.8	1112	10.0	84339.0	-5956.0	1202	9.3	85508.0	-5942.7
933	9.2	75233.0	-5939.2	1023	7.3	81718.0	-5942.4	1113	9.8	84343.5	-5910.0	1203	9.3	85509.5	-5939.8
934	9.2	75249.5	-5931.1	1024	9.4	81720.0	-5930.0	1114	9.8	84355.5	-5942.4	1204	9.6	85518.0	-5907.3
935	8.4	75315.3	-5958.9	1025	9.5	81732.2	-5958.0	1115	10.0	84421.0	-5917.8	1205	9.6	85524.5	-5910.4
936	8.4	75353.5	-5955.4	1026	9.1	81758.5	-5934.2	1116	10.0	84431.5	-5918.0	1206	9.8	85532.0	-5915.0
937	8.0	75355.5	-5954.5	1027	8.9	81814.5	-5941.7	1117	10.0	84435.5	-5947.0	1207	7.6	85534.0	-5915.1
938	9.7	75410.3	-5941.6	1028	8.6	81816.0	-5910.6	1118	9.9	84438.0	-5906.2	1208	10.0	85541.5	-5916.5
939	9.5	75411.0	-5908.5	1029	9.6	81910.5	-5941.6	1119	10.0	84439.5	-5917.5	1209	10.0	85550.0	-5917.7
940	9.2	75458.5	-5957.1	1030	8.3	81920.7	-5958.6	1120	10.0	84439.5	-5916.8	1210	9.6	85600.0	-5947.0
941	9.0	75518.0	-5929.1	1031	8.8	81944.5	-5922.7	1121	8.1	84446.0	-5909.5	1211	9.9	85600.0	-5941.9
942	9.1	75524.5	-5952.1	1032	4.4	81956.0	-5906.5	1122	10.0	84449.5	-5958.8	1212	9.8	85602.0	-5938.6
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946	8.6	75601.5	-5905.8	1036	8.4	82027.0	-5907.3	1126	10.0	84513.5	-5902.9	1216	9.3	85635.5	-5933.4
947	8.0	75606.0	-5921.3	1037	8.8	82052.0	-5946.0	1127	10.0	84516.0	-5903.2	1217	9.9	85637.0	-5910.0
948	8.1	75614.5	-5937.3	1038	9.4	82105.5	-5934.0	1128	8.8	84532.5	-5906.7	1218	9.5	85649.0	-5910.0
949	8.8	75619.5	-5955.4	1039	8.9	82149.5	-5932.0	1129	9.6	84539.5	-5918.8	1219	9.9	85652.0	-5909.9
950	8.3	75623.3	-5902.0	1040	9.0	82224.5	-5950.0	1130	8.7	84543.5	-5906.0	1220	10.0	85700.0	-5940.6
951	8.5	75627.5	-5906.6	1041	9.6	82310.5	-5909.2	1131	9.7	84543.5	-5959.0	1221	10.0	85712.0	-5924.8
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955	8.4	75736.0	-5937.3	1045	9.6	82423.5	-5923.0	1135	8.7	84549.0	-5929.2	1225	9.3	85748.0	-5935.1
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958	9.6	75915.5	-5944.4	1048	8.2	82610.0	-5942.2	1138	9.6	84603.0	-5908.5	1228	9.8	85818.0	-5913.9
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1235 9.0	85919.0 -5940.1	1325 8.4	91133.0 -5917.2
1236 10.0	85919.0 -5923.0	1326 9.8	91134.0 -5932.9
1237 9.9	85938.0 -5925.7	1327 9.4	91202.5 -5944.8
1238 9.9	85952.5 -5909.6	1328 9.6	91208.5 -5940.6
1239 9.3	90001.5 -5951.0	1329 9.5	91213.0 -5952.9
1240 10.0	90005.0 -5926.2	1330 10.0	91231.0 -5943.5
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1243 10.0	90032.5 -5926.7	1333 10.0	91243.0 -5924.3
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1245 10.0	90038.5 -5941.7	1335 10.0	91328.0 -5926.0
1246 9.8	90042.0 -5953.0	1336 9.2	91331.5 -5945.5
1247 8.7	90053.5 -5932.4	1337 9.9	91343.0 -5929.9
1248 9.4	90101.5 -5913.8	1338 8.4	91350.0 -5924.5
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1251 10.0	90138.5 -5955.0	1341 9.4	91413.3 -5900.0
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1264 9.3	90309.5 -5950.0	1354 9.4	91713.0 -5922.0
1265 10.0	90322.0 -5935.6	1355 9.3	91719.0 -5915.0
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1268 10.0	90335.0 -5927.9	1358 9.5	91733.7 -5907.7
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1302 9.8	90719.5 -5911.5	1392 9.3	92310.0 -5909.3
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1316 10.0	91036.7 -5919.4	1406 9.4	92639.5 -5944.7
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1500 9.8	94550.5 -5914.9	1590 10.0	95553.5 -5941.7
1501 8.2	94552.5 -5940.7	1591 9.6	95554.0 -5937.1
1502 9.3	94601.0 -5940.9	1592 10.0	95554.0 -5916.0
1503 9.4	94611.5 -5926.0	1593 10.0	95558.0 -5916.9
1504 9.1	94618.5 -5924.7	1594 9.9	95559.0 -5914.0

-59 1595 9h55m

-59 1954 10h07m

1595	9.0	95559.5	-5948.7	1685	9.5	95755.5	-5924.4	1775	10.0	95922.0	-5924.4
1596	9.4	95559.5	-5934.4	1686	8.9	95757.0	-5928.5	1776	9.7	95922.0	-5910.4
1597	10.0	95600.0	-5950.1	1687	10.0	95757.0	-5901.5	1777	9.2	95923.5	-5928.9
1598	8.2	95603.0	-5953.9	1688	9.7	95757.5	-5917.6	1778	10.0	95926.5	-5912.0
1599	10.0	95604.0	-5936.1	1689	10.0	95757.5	-5924.7	1779	10.0	95927.5	-5922.2
1600	9.2	95607.5	-5944.1	1690	10.0	95759.0	-5923.4	1780	9.9	95927.5	-5934.7
1601	10.0	95609.0	-5950.0	1691	9.4	95759.0	-5925.0	1781	10.0	95928.5	-5926.4
1602	10.0	95611.0	-5951.2	1692	9.8	95759.5	-5950.9	1782	10.0	95929.0	-5928.2
1603	9.8	95613.0	-5913.6	1693	9.4	95800.0	-5931.9	1783	9.9	95929.5	-5923.9
1604	9.3	95614.0	-5907.2	1694	9.6	95800.5	-5925.0	1784	8.8	95931.0	-5936.3
1605	10.0	95617.3	-5959.7	1695	6.8	95801.5	-5949.1	1785	10.0	95932.5	-5924.6
1606	9.8	95617.5	-5929.6	1696	10.0	95802.5	-5926.1	1786	10.0	95932.5	-5909.0
1607	10.0	95620.8	-5957.8	1697	10.0	95802.5	-5919.7	1787	10.0	95933.5	-5914.2
1608	9.8	95622.0	-5903.0	1698	9.8	95803.0	-5923.6	1788	10.0	95934.8	-5958.7
1609	8.7	95622.0	-5923.9	1699	9.6	95805.5	-5921.2	1789	10.0	95935.5	-5959.4
1610	9.7	95622.0	-5926.3	1700	9.9	95806.0	-5919.2	1790	10.0	95936.0	-5922.1
1611	10.0	95622.0	-5941.0	1701	10.0	95810.5	-5916.3	1791	8.5	95937.5	-5935.7
1612	10.0	95623.0	-5942.1	1702	10.0	95812.0	-5926.7	1792	10.0	95938.0	-5936.8
1613	9.9	95625.0	-5959.0	1703	10.0	95814.0	-5921.1	1793	10.0	95938.0	-5934.1
1614	8.6	95630.0	-5923.5	1704	10.0	95814.5	-5944.0	1794	9.6	95939.5	-5949.0
1615	9.2	95631.0	-5921.9	1705	9.0	95814.5	-5933.5	1795	9.2	95940.5	-5927.1
1616	8.6	95633.0	-5902.1	1706	10.0	95816.5	-5921.0	1796	10.0	95940.5	-5944.0
1617	10.0	95633.0	-5930.9	1707	10.0	95816.5	-5934.7	1797	9.4	95943.0	-5944.4
1618	10.0	95634.0	-5922.4	1708	9.2	95817.0	-5926.1	1798	9.6	95944.5	-5943.9
1619	9.8	95634.0	-5929.2	1709	9.9	95817.5	-5929.0	1799	9.6	95946.0	-5944.2
1620	10.0	95634.0	-5904.6	1710	9.4	95819.0	-5933.1	1800	8.9	95947.0	-5915.0
1621	10.0	95634.0	-5915.4	1711	10.0	95819.5	-5939.0	1801	8.8	95947.8	-5959.2
1622	9.9	95636.5	-5905.7	1712	10.0	95819.5	-5927.7	1802	9.2	95949.5	-5926.9
1623	10.0	95637.0	-5932.0	1713	10.0	95819.5	-5917.2	1803	10.0	95949.5	-5911.5
1624	10.0	95639.5	-5903.9	1714	9.1	95819.5	-5924.0	1804	10.0	95949.5	-5918.9
1625	9.6	95639.5	-5914.7	1715	10.0	95821.0	-5919.5	1805	10.0	95951.0	-5900.1
1626	9.8	95641.0	-5920.0	1716	10.0	95821.0	-5933.3	1806	9.1	95951.0	-5931.1
1627	9.4	95641.5	-5934.4	1717	9.4	95821.0	-5923.7	1807	10.0	95951.5	-5932.0
1628	10.0	95644.0	-5934.1	1718	9.2	95822.0	-5924.2	1808	10.0	95952.0	-5928.2
1629	9.4	95644.5	-5921.4	1719	10.0	95822.5	-5936.5	1809	9.0	95954.0	-5932.7
1630	9.4	95646.5	-5928.2	1720	10.0	95823.5	-5904.9	1810	9.9	95956.0	-5933.1
1631	9.4	95656.5	-5918.9	1721	9.8	95826.0	-5937.1	1811	10.0	95956.5	-5931.5
1632	8.7	95656.5	-5937.6	1722	10.0	95829.5	-5926.5	1812	10.0	95957.0	-5938.9
1633	8.7	95657.5	-5922.2	1723	10.0	95829.5	-5925.0	1813	9.2	95958.0	-5939.6
1634	9.6	95700.0	-5906.4	1724	8.8	95830.0	-5916.9	1814	10.0	100002.5	-5919.9
1635	10.0	95700.5	-5929.4	1725	9.4	95833.5	-5911.1	1815	9.7	100005.0	-5914.2
1636	9.9	95701.0	-5904.0	1726	10.0	95835.0	-5942.7	1816	8.6	100005.0	-5916.5
1637	10.0	95703.5	-5918.4	1727	9.1	95835.0	-5932.7	1817	9.8	100007.5	-5910.7
1638	8.6	95704.0	-5908.0	1728	10.0	95835.0	-5918.3	1818	9.5	100007.5	-5936.3
1639	9.5	95704.0	-5920.0	1729	10.0	95835.5	-5926.5	1819	9.9	100008.0	-5900.1
1640	9.7	95704.5	-5923.9	1730	10.0	95836.0	-5914.2	1820	10.0	100013.0	-5925.2
1641	9.9	95704.5	-5933.0	1731	9.2	95838.0	-5921.7	1821	10.0	100014.0	-5946.9
1642	8.8	95705.5	-5941.5	1732	10.0	95839.5	-5924.0	1822	9.3	100019.0	-5925.6
1643	8.4	95706.0	-5943.5	1733	10.0	95840.0	-5925.2	1823	9.8	100020.0	-5926.5
1644	10.0	95706.0	-5953.9	1734	10.0	95840.5	-5932.9	1824	9.8	100026.5	-5924.5
1645	10.0	95709.0	-5912.4	1735	9.7	95842.5	-5936.7	1825	9.2	100027.5	-5932.0
1646	10.0	95711.0	-5912.3	1736	9.6	95843.0	-5952.9	1826	10.0	100029.5	-5937.7
1647	10.0	95712.5	-5930.5	1737	9.5	95843.0	-5953.5	1827	10.0	100032.0	-5954.4
1648	10.0	95712.5	-5935.1	1738	9.5	95844.5	-5928.9	1828	9.5	100036.5	-5928.4
1649	9.6	95712.5	-5937.7	1739	9.5	95844.5	-5914.3	1829	9.5	100038.0	-5942.5
1650	10.0	95714.5	-5945.0	1740	8.8	95846.5	-5921.2	1830	9.9	100038.5	-5926.5
1651	9.8	95717.0	-5944.1	1741	9.0	95846.5	-5914.1	1831	10.0	100040.5	-5914.4
1652	10.0	95717.5	-5921.2	1742	10.0	95853.0	-5902.9	1832	10.0	100041.0	-5949.2
1653	9.2	95720.0	-5944.0	1743	10.0	95853.5	-5921.6	1833	9.9	100043.5	-5941.1
1654	9.5	95720.0	-5951.0	1744	9.4	95854.0	-5914.3	1834	10.0	100045.5	-5941.8
1655	10.0	95720.5	-5935.1	1745	10.0	95854.0	-5927.1	1835	10.0	100045.5	-5910.8
1656	10.0	95721.0	-5933.7	1746	10.0	95854.7	-5900.1	1836	10.0	100045.5	-5910.0
1657	9.6	95721.5	-5945.9	1747	10.0	95856.5	-5925.3	1837	10.0	100049.0	-5918.0
1658	9.8	95721.5	-5903.9	1748	9.6	95856.5	-5926.0	1838	10.0	100050.0	-5921.3
1659	9.5	95722.5	-5947.6	1749	9.2	95857.0	-5938.1	1839	10.0	100054.0	-5955.2
1660	9.9	95723.0	-5923.0	1750	9.5	95858.0	-5928.5	1840	9.3	100055.0	-5949.8
1661	10.0	95723.0	-5934.1	1751	9.0	95859.5	-5937.4	1841	10.0	100102.0	-5953.0
1662	9.9	95724.0	-5934.0	1752	7.0	95859.5	-5934.5	1842	8.8	100104.0	-5926.6
1663	9.2	95725.0	-5903.8	1753	10.0	95901.5	-5929.0	1843	9.1	100104.0	-5937.5
1664	10.0	95726.0	-5901.4	1754	9.9	95905.0	-5923.4	1844	10.0	100106.5	-5917.9
1665	9.4	95727.5	-5934.1	1755	9.6	95905.0	-5933.0	1845	10.0	100109.5	-5926.1
1666	9.8	95728.0	-5931.1	1756	8.4	95905.5	-5914.2	1846	9.8	100112.5	-5954.8
1667	9.1	95729.5	-5928.0	1757	10.0	95906.0	-5927.9	1847	10.0	100116.5	-5912.7
1668	10.0	95732.5	-5922.3	1758	10.0	95906.0	-5933.9	1848	10.0	100118.5	-5929.7
1669	10.0	95732.5	-5920.0	1759	10.0	95906.5	-5947.2	1849	10.0	100123.0	-5953.3
1670	10.0	95734.0	-5949.0	1760	9.6	95906.5	-5952.1	1850	8.8	100128.5	-5917.9
1671	8.8	95734.5	-5944.9	1761	10.0	95907.0	-5906.5	1851	9.8	100130.0	-5926.3
1672	8.1	95742.0	-5930.7	1762	9.6	95909.5	-5918.0	1852	10.0	100130.5	-5925.7
1673	9.1	95743.0	-5914.9	1763	10.0	95909.5	-5934.7	1853	9.0	100135.0	-5924.1
1674	9.6	95743.0	-5928.8	1764	10.0	95912.0	-5920.9	1854	9.2	100141.5	-5942.5
1675	9.5	95745.0	-5930.0	1765	10.0	95912.5	-5926.8	1855	9.0	100144.0	-5930.5
1676	10.0	95746.0	-5937.6	1766	9.4	95913.5	-5914.1	1856	9.4	100146.5	-5953.2
1677	9.5	95746.5	-5927.5	1767	10.0	95914.0	-5921.5	1857	10.0	100148.5	-5912.2
1678	9.8	95748.0	-5947.0	1768	9.1	95914.0	-5944.1	1858	10.0	100149.0	-5936.1
1679	10.0	95749.5	-5908.0	1769	10.0	95915.5	-5900.4	1859	10.0	100150.0	-5910.7
1680	9.8	95749.5	-5927.4	1770	9.2	95916.5	-5930.4	1860	10.0	100151.0	-5916.9
1681	9.8	95750.5	-5922.1	1771	8.9	95919.0	-5920.6	1861	9.4	100157.0	-5907.8
1682	10.0	95751.5	-5909.3	1772	9.4	95919.0	-5937.0	1862	9.3	100207.5	-5921.7
1683	8.5	95751.5	-5922.8	1773	10.0	95919.0	-5940.8	1863	10.0	100208.5	-5931.0
1684	10.0	95754.5	-5911.0	1774	10.0	95919.5	-5943.0	1864	10.0	100211.0	-5923.2
1865	9.6	100217.5	-5941.8								
1866	10.0	100220.5	-5938.1								
1867	9.6	100221.0	-5908.9								
1868	10.0	100221.5	-5924.0								
1869	10.0	100222.0	-5930.8								
1870	9.4	100223.0	-5909.0								
1871	10.0	100227.0	-5954.8								
1872	10.0	100231.5	-5942.1								
1873	9.8	100241.0	-5900.4								
1874	10.0	100246.0	-5910.4								
1875	10.0	100247.0	-5924.7								
1876	10.0	100253.5	-5932.7								
1877	10.0	100300.0	-5923.1								
1878	9.4	100300.5	-5917.7								
1879	10.0	100303.0	-5921.4								
1880	9.6	100303.0	-5924.0								
1881	10.0	100304.0	-5900.2								
1882	10.0	100304.5	-5936.2								
1883	10.0	100307.0	-5952.8								
1884	10.0	100314.0	-5911.9								
1885	10.0	100319.0	-5926.9								
1886	10.0	100319.0	-5927.1								
1887	10.0	100322.5	-5948.6								
1888	10.0	100324.0	-5948.5								
1889	10.0	100326.0	-5922.5								
1890	9.6	100331.0	-5943.0								
1891	9.6	100333.5	-5923.3								
1892	10.0	100334.0	-5931.2								
1893	9.7	100347.0	-5941.0								
1894	10.0	100347.5	-5907.5								
1895	9.8	100348.3	-5959.8								
1896	10.0	100351.5	-5927.7								
1897	10.0	100352.0	-5942.0								
1898	9.4	100353.0	-5917.1								
1899	9.9	100400.0	-5944.0								
1900	10.0	100403.0	-5908.0								
1901	9.5	100403.5	-5951.7								
1902	9.5	100407.5	-5915.6								
1903	9.8	100408.0	-5903.7								
1904	9.5	100408.5	-5907.6								
1905	9.4	100416.5	-5938.5								
1906	10.0	100419.5	-5934.2								
1907	9.5	100421.5	-5934.4								
1908	10.0	100421.5	-5929.9								
1909	9.0	100426.5	-5909.9								
1910	9.6	100431.5	-5916.5								
1911	9.8	100435.5	-5948.4								
1912	10.0	100436.5	-5946.9								
1913	10.0	100438.5	-5946.8								
1914	10.0	100441.0	-5932.1								
1915	10.0	100442.5	-5920.0								
1916	10.0	100446.0	-5924.6								
1917	10.0	100448.5	-5932.0								
1918	10.0	100458.5	-5913.9								
1919	10.0	100500.5	-5936.5								
1920	10.0	100501.5	-5919.6								
1921	9.3	100502.0	-5924.0								
1922	8.5	100503.0	-5948.1								
1923	10.0	100507.5	-5918.8								
1924	9.8	100508.0	-5938.3								
1925	9.5	100510.0	-5924.3								
1926	9.9	100515.5	-5931.0								
1927	9.5	100517.5	-5947.0								
1928	10.0	100518.0	-5926.0								
1929	10.0	100529.5	-5926.9								
1930	10.0	100536.0	-5950.5								
1931	9.8	100540.5	-5923.9								
1932	10.0	100541.5	-5915.0								
1933	8.7	100548.0	-5936.2								
1934	10.0	100551.5	-5954.3								
1935	9.1	100554.0	-5927.5								
1936	9.3	100555.5	-5954.1								
1937	9.1	100601.5	-5944.8								
1938	10.0	100605.0	-5941.3								
1939	9.5	100614.5	-5957.4								
1940	9.8	100616.5	-5956.8								
1941	9.8	100617.0	-5945.5								
1942	10.0	100619.5	-5936.5								
1943	10.0	100623.5	-5918.0								
1944	9.9	100629.5	-5921.4								
1945	9.3	100629.5	-5949.0								
1946	9.4	100652.5	-5907.5								
1947	9.2	100706.0	-5906.5								
1948	10.0	100707.0	-5938.2								
1949	9.4	100709.0	-5921.0								
1950	9.0	100709.0	-5959.1								
1951	9.5	100711.5	-5922.3								
1952	9.0	100713.0	-5908.3								
1953	10.0	100718.5	-5913.3								
1954	9.4	100721.5	-5930.0								

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1955 8.8 100724.0 -5916.0	2045 10.0 101438.0 -5917.1	2135 10.0 102221.5 -5902.1	2225 9.0 102939.7 -5910.7
1956 9.4 100724.0 -5912.4	2046 10.0 101452.0 -5911.6	2136 10.0 102233.3 -5959.0	2226 9.9 102942.0 -5923.1
1957 9.6 100731.0 -5935.8	2047 8.7 101459.5 -5956.2	2137 9.1 102237.0 -5921.7	2227 9.6 102944.0 -5952.2
1958 10.0 100732.5 -5922.7	2048 9.8 101513.5 -5913.5	2138 10.0 102238.0 -5956.4	2228 9.4 102944.8 -5930.4
1959 10.0 100735.0 -5909.7	2049 9.2 101523.0 -5906.4	2139 10.0 102240.0 -5918.8	2229 9.3 102945.3 -5923.0
1960 9.5 100737.5 -5924.8	2050 10.0 101529.7 -5951.0	2140 10.0 102240.5 -5956.2	2230 9.9 102952.0 -5921.3
1961 9.7 100738.5 -5938.4	2051 10.0 101533.0 -5943.0	2141 10.0 102243.0 -5932.0	2231 9.8 102954.0 -5932.0
1962 9.0 100739.0 -5928.1	2052 8.6 101547.0 -5915.3	2142 10.0 102255.5 -5911.2	2232 9.9 102956.5 -5947.2
1963 10.0 100742.5 -5918.4	2053 10.0 101548.5 -5945.1	2143 10.0 102256.0 -5940.3	2233 9.9 103002.0 -5931.2
1964 10.0 100743.5 -5923.1	2054 8.1 101549.0 -5901.7	2144 8.4 102256.5 -5918.4	2234 9.6 103003.0 -5906.2
1965 9.9 100754.0 -5935.8	2055 9.8 101554.0 -5941.0	2145 10.0 102307.5 -5903.2	2235 8.2 103005.7 -5937.7
1966 9.0 100801.5 -5930.9	2056 10.0 101557.0 -5913.1	2146 9.5 102309.5 -5914.5	2236 8.5 103006.0 -5915.5
1967 8.7 100804.0 -5919.7	2057 9.6 101559.0 -5916.5	2147 10.0 102312.5 -5953.0	2237 9.9 103009.5 -5949.0
1968 10.0 100812.5 -5919.9	2058 10.0 101600.0 -5903.0	2148 8.4 102314.0 -5953.6	2238 8.9 103012.3 -5934.2
1969 9.6 100816.0 -5916.3	2059 9.2 101603.5 -5949.5	2149 9.8 102323.0 -5920.0	2239 8.6 103012.8 -5932.4
1970 10.0 100823.0 -5950.0	2060 9.6 101607.5 -5902.3	2150 10.0 102323.5 -5958.6	2240 9.8 103013.5 -5940.6
1971 9.8 100823.5 -5904.6	2061 8.3 101609.0 -5900.5	2151 10.0 102325.5 -5921.1	2241 9.8 103014.5 -5934.7
1972 10.0 100842.0 -5917.1	2062 9.1 101610.5 -5935.9	2152 10.0 102337.0 -5950.5	2242 9.7 103014.5 -5947.4
1973 9.5 100847.0 -5920.5	2063 10.0 101616.5 -5912.9	2153 9.4 102351.5 -5921.2	2243 9.9 103014.5 -5952.5
1974 6.4 100847.5 -5918.0	2064 10.0 101623.0 -5906.1	2154 10.0 102355.0 -5934.1	2244 9.7 103015.5 -5939.9
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1986 10.0 101023.0 -5915.9	2076 10.0 101740.5 -5959.7	2166 10.0 102448.0 -5908.9	2256 9.4 103032.5 -5934.0
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-59 2314 10h32m

-59 2315 10h52m

-59 2674 10h41m

2315	9.8	103215.5	-5931.7	2405	9.8	103528.0	-5930.1	2495	9.4	103750.5	-5920.0
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2318	9.8	103221.0	-5937.0	2408	8.8	103531.5	-5950.8	2498	9.9	103753.0	-5952.5
2319	9.7	103223.0	-5919.6	2409	8.7	103531.5	-5949.3	2499	8.7	103754.5	-5934.0
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2329	9.8	103242.5	-5914.0	2419	9.8	103553.5	-5947.4	2509	8.7	103808.0	-5919.0
2330	9.5	103251.5	-5918.2	2420	8.8	103555.0	-5926.4	2510	9.6	103811.5	-5928.2
2331	9.2	103252.0	-5919.4	2421	9.8	103557.5	-5940.1	2511	9.8	103812.0	-5934.9
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2367	9.9	103400.0	-5956.7	2457	9.2	103637.5	-5951.0	2547	9.7	103903.0	-5918.0
2368	9.4	103402.2	-5902.3	2458	9.2	103644.5	-5917.8	2548	6.8	103904.5	-5927.7
2369	9.7	103402.5	-5909.9	2459	9.8	103645.5	-5904.7	2549	9.8	103906.5	-5940.1
2370	9.8	103406.5	-5920.9	2460	9.7	103646.0	-5917.6	2550	9.4	103909.5	-5932.7
2371	9.7	103411.5	-5940.8	2461	9.6	103646.5	-5915.9	2551	9.0	103910.0	-5926.0
2372	9.7	103412.0	-5943.1	2462	9.7	103648.0	-5943.6	2552	9.8	103911.0	-5942.9
2373	9.6	103415.5	-5957.1	2463	8.9	103649.0	-5900.7	2553	9.9	103911.7	-5957.3
2374	9.4	103420.5	-5911.4	2464	9.7	103650.5	-5921.0	2554	8.7	103912.5	-5926.7
2375	9.8	103421.0	-5924.0	2465	9.7	103651.0	-5911.0	2555	8.6	103912.5	-5925.8
2376	9.8	103421.0	-5932.0	2466	9.6	103654.0	-5959.5	2556	8.3	103912.5	-5913.1
2377	9.8	103424.5	-5908.0	2467	9.7	103706.0	-5923.4	2557	9.4	103913.0	-5943.7
2378	8.4	103425.5	-5941.4	2468	9.2	103708.2	-5902.0	2558	9.9	103914.5	-5939.8
2379	9.8	103425.5	-5915.4	2469	9.3	103709.0	-5916.6	2559	9.7	103916.5	-5921.0
2380	9.8	103427.5	-5914.1	2470	9.7	103709.0	-5916.8	2560	8.4	103918.0	-5920.2
2381	9.6	103429.0	-5957.6	2471	9.8	103711.0	-5917.0	2561	8.6	103922.0	-5903.9
2382	9.8	103430.0	-5927.8	2472	8.8	103712.0	-5910.8	2562	9.2	103923.0	-5916.0
2383	9.8	103433.0	-5943.0	2473	9.6	103713.5	-5950.0	2563	8.6	103923.0	-5924.0
2384	9.2	103434.5	-5933.9	2474	9.7	103713.5	-5915.9	2564	9.8	103923.5	-5913.3
2385	9.7	103434.5	-5919.7	2475	9.1	103716.5	-5947.4	2565	9.9	103923.5	-5903.8
2386	9.8	103434.5	-5909.8	2476	8.7	103717.0	-5929.4	2566	9.9	103925.5	-5903.5
2387	9.7	103437.5	-5934.9	2477	9.4	103719.5	-5914.0	2567	9.4	103925.5	-5904.5
2388	9.7	103441.0	-5905.7	2478	8.4	103722.0	-5915.1	2568	9.2	103927.0	-5920.7
2389	9.6	103443.0	-5944.0	2479	8.9	103724.5	-5918.8	2569	9.5	103928.0	-5928.4
2390	9.6	103448.0	-5942.7	2480	9.2	103724.5	-5935.3	2570	9.3	103928.0	-5929.7
2391	9.9	103453.0	-5951.5	2481	9.9	103725.5	-5951.3	2571	9.8	103933.3	-5900.1
2392	9.9	103453.5	-5956.2	2482	9.8	103727.0	-5916.4	2572	7.0	103934.0	-5920.1
2393	9.8	103459.0	-5942.0	2483	9.7	103729.5	-5939.6	2573	9.7	103934.5	-5953.9
2394	9.3	103459.5	-5923.6	2484	9.7	103733.0	-5950.0	2574	9.1	103937.5	-5901.8
2395	9.7	103501.0	-5958.2	2485	9.9	103735.5	-5917.9	2575	8.6	103938.0	-5933.4
2396	9.6	103501.5	-5943.9	2486	9.8	103736.5	-5933.7	2576	9.6	103939.0	-5906.0
2397	9.4	103502.2	-5900.2	2487	9.7	103737.5	-5943.7	2577	8.4	103939.0	-5913.8
2398	9.6	103503.5	-5905.8	2488	9.2	103739.5	-5949.8	2578	9.8	103941.5	-5931.0
2399	9.8	103508.0	-5949.9	2489	9.9	103740.5	-5956.7	2579	9.7	103942.0	-5912.9
2400	9.2	103512.5	-5903.3	2490	9.8	103745.0	-5942.6	2580	8.4	103942.0	-5918.0
2401	9.4	103522.0	-5933.0	2491	9.7	103745.5	-5923.2	2581	9.7	103942.0	-5902.4
2402	9.4	103522.5	-5927.3	2492	9.4	103745.5	-5955.8	2582	9.8	103943.5	-5913.5
2403	9.9	103522.5	-5953.0	2493	9.0	103747.5	-5951.0	2583	9.4	103943.5	-5901.1
2404	8.2	103528.0	-5909.1	2494	9.8	103748.0	-5938.9	2584	8.6	103943.5	-5905.2
2585	9.8	103943.5	-5926.3								
2586	9.6	103944.0	-5957.2								
2587	8.6	103945.0	-5904.9								
2588	9.9	103947.5	-5920.5								
2589	9.9	103948.0	-5910.4								
2590	8.2	103948.0	-5926.0								
2591	9.7	103948.0	-5908.1								
2592	9.2	103948.0	-5915.0								
2593	9.4	103948.5	-5921.8								
2594	9.3	103949.0	-5921.5								
2595	9.3	103950.5	-5909.0								
2596	9.8	103951.3	-5900.9								
2597	9.6	103951.5	-5920.0								
2598	9.7	103952.0	-5902.5								
2599	9.7	103952.0	-5924.0								
2600	8.2	103952.5	-5907.6								
2601	9.8	103954.0	-5914.4								
2602	8.7	103956.5	-5915.3								
2603	8.6	103958.5	-5904.5								
2604	8.9	103959.0	-5918.6								
2605	9.6	104002.0	-5916.2								
2606	9.7	104004.0	-5902.1								
2607	9.9	104004.5	-5912.5								
2608	9.8	104004.5	-5936.9								
2609	9.8	104005.5	-5935.8								
2610	9.0	104005.5	-5916.6								
2611	9.0	104008.0	-5916.7								
2612	9.6	104008.0	-5928.4								
2613	9.9	104009.0	-5902.9								
2614	9.7	104009.0	-5921.3								
2615	9.8	104009.5	-5938.5								
2616	9.9	104010.0	-5904.1								
2617	9.8	104010.5	-5909.9								
2618	9.9	104010.5	-5903.6								
2619	9.8	104011.0	-5902.6								
2620	8.4	104013.0	-5901.6								
2621	9.9	104013.0	-5957.0								
2622	9.7	104013.7	-5900.8								
2623	8.6	104014.5	-5900.7								
2624	9.2	104015.5	-5903.7								
2625	9.8	104015.5	-5904.9								
2626	9.2	104015.5	-5905.9								
2627	9.4	104016.5	-5902.5								
2628	9.2	104018.3	-5901.4								
2629	9.8	104018.5	-5906.8								
2630	9.9	104019.5	-5903.5								
2631	9.9	104019.5	-5902.8								
2632	9.6	104021.0	-5901.8								
2633	9.1	104021.5	-5905.5								
2634	9.8	104021.5	-5903.3								
2635	9.1	104022.0	-5905.3								
2636	9.0	104022.0	-5904.8								
2637	9.4	104023.5	-5957.0								
2638	9.8	104024.5	-5921.5								
2639	9.4	104024.5	-5918.4								
2640	9.6	104025.5	-5900.6								
2641	8.9	104026.0	-5904.1								
2642	9.4	104028.0	-5915.3								
2643	9.5	104029.0	-5931.8								
2644	9.0	104030.0	-5903.3								
2645	9.9	104032.0	-5903.1								
2646	9.8	104040.5	-5942.3								
2647	9.7	104041.5	-5950.1								
2648	9.0	104042.5	-5946.0								
2649	9.6	104043.0	-5926.9								
2650	9.4	104044.5	-5918.0								
2651	9.8	104045.5	-5925.0								
2652	9.8	104049.5	-5925.0								
2653	9.5	104054.5	-5924.9								
2654	9.9	104056.0	-5927.0								
2655	9.4	104057.5	-5925.7								
2656	9.9	104058.5	-5951.6								
2657	9.5	104102.0	-5921.0								
2658	9.7	104102.5	-5909.8								
2659	8.6	104102.5	-5932.0								
2660	9.7	104104.0	-5926.0								
2661	9.8	104104.0	-5917.6								
2662	9.8	104111.5	-5952.0								
2663	9.8	104114.5	-5947.0								
2664	9.9	104114.5	-5922.9								
2665	9.4	104115.5	-5911.4								
2666	9.5	104115.5	-5907.9								
2667	9.8	104124.0	-5920.3								
2668	9.9	104126.0	-5900.0								
2669	9.9	104128.5	-5918.4								
2670	9.8	104128.5	-5925.9								
2671	6.7	104129.2	-5956.8								
2672	8.6	104131.0	-5921.8								
2673	9.6	104132.0	-5913.9								
2674	9.7	104134.5	-5929.1								

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2675	9.6	104137.0	-5909.9
2676	9.9	104137.2	-5958.9
2677	9.1	104139.5	-5954.3
2678	9.7	104140.0	-5940.3
2679	9.0	104141.5	-5910.4
2680	9.2	104142.0	-5924.7
2681	9.8	104142.5	-5918.8
2682	9.2	104144.0	-5941.0
2683	9.6	104147.5	-5936.9
2684	9.6	104151.5	-5942.0
2685	9.9	104156.0	-5917.4
2686	9.6	104201.5	-5926.6
2687	9.0	104202.5	-5925.1
2688	9.6	104208.0	-5937.9
2689	9.8	104210.0	-5935.6
2690	9.9	104214.0	-5911.3
2691	9.8	104217.5	-5930.0
2692	8.8	104217.5	-5908.0
2693	8.3	104218.5	-5955.0
2694	9.6	104219.5	-5943.2
2695	9.7	104220.5	-5921.6
2696	8.8	104221.0	-5926.2
2697	9.2	104221.0	-5932.1
2698	9.2	104222.0	-5934.0
2699	9.4	104222.5	-5958.5
2700	9.6	104223.0	-5926.5
2701	9.8	104223.5	-5923.0
2702	9.3	104224.5	-5926.0
2703	8.8	104229.5	-5933.3
2704	9.8	104231.0	-5926.3
2705	9.9	104233.5	-5900.3
2706	9.8	104237.0	-5924.7
2707	9.9	104237.0	-5944.5
2708	9.4	104239.0	-5908.1
2709	9.8	104240.0	-5933.8
2710	9.7	104242.5	-5938.9
2711	9.7	104245.0	-5949.9
2712	8.1	104248.7	-5957.7
2713	6.4	104250.5	-5912.9
2714	9.7	104255.0	-5917.2
2715	9.8	104304.0	-5928.4
2716	9.8	104305.0	-5929.5
2717	9.7	104305.0	-5945.5
2718	9.6	104307.5	-5943.4
2719	9.0	104308.0	-5945.7
2720	6.6	104311.5	-5915.5
2721	9.8	104312.0	-5905.8
2722	9.5	104314.0	-5959.9
2723	9.6	104314.0	-5925.9
2724	9.8	104321.0	-5916.8
2725	8.9	104322.5	-5959.1
2726	9.7	104322.5	-5927.4
2727	9.1	104323.0	-5936.2
2728	9.4	104327.5	-5910.2
2729	9.6	104336.0	-5905.1
2730	9.6	104340.0	-5918.1
2731	9.8	104343.7	-5959.5
2732	7.4	104344.5	-5933.7
2733	9.9	104344.5	-5935.2
2734	8.8	104351.0	-5929.0
2735	8.8	104354.0	-5956.0
2736	9.8	104356.0	-5934.0
2737	9.8	104356.0	-5901.5
2738	9.8	104356.5	-5918.5
2739	9.4	104401.0	-5922.0
2740	8.9	104403.8	-5901.6
2741	9.5	104404.0	-5909.4
2742	9.9	104404.5	-5911.2
2743	9.8	104409.5	-5908.2
2744	9.7	104412.0	-5900.4
2745	9.4	104414.0	-5913.9
2746	8.4	104420.0	-5931.2
2747	9.8	104420.0	-5907.1
2748	9.6	104421.0	-5926.0
2749	9.4	104421.0	-5936.2
2750	8.8	104422.5	-5903.7
2751	9.8	104423.0	-5935.3
2752	9.8	104423.5	-5915.2
2753	9.4	104425.0	-5925.0
2754	9.8	104425.5	-5900.1
2755	9.4	104425.5	-5904.0
2756	9.9	104426.0	-5958.2
2757	9.8	104427.5	-5908.4
2758	9.3	104430.5	-5910.0
2759	9.4	104431.5	-5921.9
2760	9.4	104431.5	-5913.2
2761	8.6	104434.0	-5938.0
2762	9.8	104436.5	-5925.7
2763	9.9	104438.5	-5921.9
2764	9.6	104442.0	-5948.7
2765	9.2	104446.5	-5930.0
2766	9.9	104454.5	-5926.6
2767	9.4	104457.0	-5923.9
2768	9.5	104503.5	-5950.0
2769	9.7	104510.0	-5900.3
2770	9.7	104516.0	-5928.4
2771	9.7	104522.5	-5930.4
2772	8.3	104523.0	-5958.7
2773	8.8	104523.0	-5931.1
2774	9.2	104524.5	-5944.0
2775	9.0	104531.0	-5919.1
2776	9.8	104531.5	-5917.0
2777	9.8	104535.0	-5912.0
2778	9.8	104537.5	-5909.9
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2780	9.9	104548.5	-5928.0
2781	8.8	104554.0	-5925.2
2782	9.0	104558.5	-5911.5
2783	9.2	104601.5	-5917.0
2784	7.2	104602.0	-5917.6
2785	9.8	104605.5	-5928.3
2786	8.9	104606.5	-5927.4
2787	9.7	104614.5	-5955.0
2788	9.4	104616.0	-5941.7
2789	9.7	104618.5	-5937.9
2790	9.8	104621.0	-5912.0
2791	8.0	104623.0	-5905.0
2792	9.7	104624.0	-5934.0
2793	9.5	104626.0	-5913.7
2794	9.6	104637.5	-5911.1
2795	9.9	104640.0	-5902.1
2796	9.2	104642.5	-5946.9
2797	9.8	104653.0	-5923.0
2798	9.7	104653.0	-5956.9
2799	9.4	104700.3	-5902.0
2800	9.8	104707.5	-5926.0
2801	9.4	104708.5	-5949.0
2802	8.3	104712.5	-5917.4
2803	9.8	104718.0	-5952.0
2804	9.4	104719.0	-5933.8
2805	9.4	104721.0	-5942.0
2806	9.5	104724.5	-5952.0
2807	8.8	104731.5	-5917.4
2808	9.4	104734.0	-5929.9
2809	9.6	104752.5	-5950.5
2810	9.4	104803.8	-5900.5
2811	9.4	104807.0	-5922.0
2812	9.4	104811.0	-5949.8
2813	8.8	104822.0	-5947.0
2814	9.8	104824.0	-5907.2
2815	9.6	104829.0	-5911.7
2816	9.6	104829.5	-5909.1
2817	9.8	104841.0	-5910.5
2818	9.3	104842.0	-5911.0
2819	9.9	104852.5	-5924.0
2820	9.8	104854.0	-5925.9
2821	9.9	104907.0	-5922.2
2822	8.6	104907.5	-5941.1
2823	9.4	104912.0	-5921.4
2824	9.2	104914.5	-5946.1
2825	9.8	104916.5	-5948.1
2826	9.7	104926.5	-5942.3
2827	9.2	104926.5	-5911.9
2828	8.7	104928.5	-5954.7
2829	9.5	104931.0	-5933.5
2830	9.6	104938.5	-5927.7
2831	9.8	104943.5	-5955.3
2832	9.4	104944.5	-5917.5
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2834	9.8	104950.5	-5955.0
2835	9.5	104952.0	-5959.9
2836	9.7	104954.0	-5933.7
2837	9.9	105001.5	-5944.2
2838	9.9	105016.0	-5904.5
2839	9.1	105017.5	-5914.0
2840	7.5	105018.0	-5951.1
2841	9.8	105018.0	-5902.9
2842	9.9	105018.0	-5940.9
2843	9.9	105020.0	-5910.8
2844	9.0	105020.5	-5905.2
2845	9.9	105021.0	-5941.2
2846	9.2	105023.0	-5910.8
2847	9.8	105023.5	-5938.0
2848	9.4	105031.0	-5904.5
2849	9.7	105031.0	-5926.4
2850	9.2	105040.0	-5947.1
2851	9.7	105042.0	-5903.0
2852	9.9	105052.0	-5932.6
2853	9.7	105052.0	-5932.8
2854	9.8	105054.0	-5934.2

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2855	8.7	105058.0	-5943.5
2856	8.6	105103.0	-5949.6
2857	9.6	105104.0	-5943.2
2858	9.2	105104.0	-5908.2
2859	8.9	105108.0	-5915.9
2860	7.6	105110.5	-5947.1
2861	9.8	105116.5	-5950.9
2862	8.6	105123.0	-5921.8
2863	9.0	105133.0	-5951.4
2864	9.9	105134.5	-5955.0
2865	9.5	105138.0	-5934.4
2866	9.8	105138.0	-5935.0
2867	9.4	105138.5	-5953.0
2868	9.7	105143.0	-5937.2
2869	8.8	105146.5	-5928.0
2870	9.8	105146.5	-5915.9
2871	9.9	105147.0	-5926.0
2872	9.9	105202.5	-5929.9
2873	8.6	105202.5	-5947.2
2874	8.9	105203.0	-5908.0
2875	9.8	105206.5	-5931.0
2876	9.9	105212.0	-5928.0
2877	9.8	105214.5	-5917.5
2878	9.8	105215.0	-5948.1
2879	9.2	105218.0	-5955.3
2880	9.5	105222.5	-5926.5
2881	9.9	105231.5	-5932.9
2882	9.6	105231.5	-5932.0
2883	8.9	105235.0	-5924.6
2884	9.9	105237.0	-5951.9
2885	9.8	105241.0	-5958.4
2886	9.9	105241.5	-5907.8
2887	9.6	105242.0	-5953.0
2888	7.9	105244.0	-5904.0
2889	9.9	105251.5	-5947.4
2890	9.9	105252.0	-5941.6
2891	9.9	105254.5	-5935.0
2892	9.8	105258.0	-5927.0
2893	9.9	105304.0	-5933.8
2894	9.7	105309.5	-5916.0
2895	9.8	105313.5	-5959.1
2896	9.9	105318.5	-5927.9
2897	9.9	105328.0	-5917.9
2898	9.9	105328.0	-5910.7
2899	9.0	105337.0	-5940.8
2900	8.9	105339.5	-5903.5
2901	9.6	105341.5	-5926.5
2902	9.9	105345.0	-5934.4
2903	9.8	105346.0	-5927.5
2904	9.9	105346.0	-5950.7
2905	9.3	105351.5	-5907.0
2906	8.8	105357.5	-5948.9
2907	9.4	105400.5	-5918.1
2908	8.4	105413.0	-5932.6
2909	8.5	105414.0	-5914.5
2910	9.2	105421.5	-5954.9
2911	8.8	105427.5	-5900.1
2912	9.9	105429.0	-5902.1
2913	9.9	105431.0	-5943.8
2914	8.6	105442.0	-5944.5
2915	9.3	105448.5	-5904.0
2916	9.8	105450.5	-5911.0
2917	9.5	105451.0	-5957.7
2918	9.9	105500.0	-5919.8
2919	9.9	105500.0	-5916.1
2920	8.9	105502.0	-5918.5
2921	9.9	105507.5	-5937.0
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2923	8.9	105509.5	-5940.1
2924	9.5	105511.5	-5901.4
2925	9.9	105524.5	-5937.0
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2927	8.3	105530.0	-5938.0
2928	9.8	105532.0	-5906.7
2929	8.9	105538.0	-5947.0
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2932	8.4	105548.0	-5920.3
2933	9.7	105548.0	-5916.3
2934	9.0	105551.5	-5951.4
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2936	8.7	105558.0	-5933.5
2937	9.5	105558.5	-5913.1
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2940	9.8	105603.0	-5919.9
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2942	8.9	105605.0	-5920.2
2943	9.4	105608.5	-5930.4
2944	9.4	105609.5	-5910.2
2945	9.6	105610.0	-5910.8
2946	9.7	105615.0	-5947.9
2947	9.4	105615.5	-5914.5
2948	9.5	105619.5	-5925.1
2949	9.9	105620.0	-5946.0
2950	9.6	105622.0	-5939.6
2951	9.4	105626.5	-5906.5
2952	8.4	105636.5	-5939.2
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2959	9.2	105704.5	-5953.1
2960	9.7	105706.5	-5929.8
2961	9.0	105710.5	-5908.1
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2963	9.8	105713.0	-5955.5
2964	8.6	105714.5	-5950.7
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2967	9.8	105724.5	-5915.0
2968	9.0	105727.5	-5913.2
2969	9.8	105728.0	-5922.0
2970	8.9	105728.2	-5958.5
2971	9.6	105734.0	-5911.9
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3025	9.9	105954.5	-5911.9
3026	9.0	105955.5	-5908.9
3027	9.9	105958.0	-5902.3
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3031	9.4	110017.5	-5940.9
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3033	9.4	110026.2	-5901.8
3034	9.9	110032.5	-5948.8

3035	9.7	110038.0	-5905.8	3125	10.0	110539.5	-5933.6	3215	10.0	110813.5	-5917.2
3036	8.7	110038.5	-5917.9	3126	9.6	110541.7	-5942.8	3216	9.5	110813.5	-5936.9
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3038	7.2	110051.0	-5916.4	3128	10.0	110544.5	-5911.8	3218	10.0	110816.5	-5920.5
3039	9.8	110052.0	-5929.4	3129	8.4	110544.8	-5937.8	3219	9.9	110820.0	-5910.4
3040	9.4	110053.0	-5921.6	3130	10.0	110546.5	-5949.9	3220	10.0	110822.5	-5937.8
3041	9.7	110054.0	-5938.9	3131	9.8	110547.0	-5911.2	3221	9.9	110826.5	-5953.1
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3043	9.9	110106.0	-5900.9	3133	10.0	110551.5	-5959.2	3223	10.0	110830.5	-5943.7
3044	9.9	110113.0	-5908.6	3134	10.0	110551.5	-5907.9	3224	9.6	110832.5	-5944.7
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3046	9.1	110132.0	-5934.0	3136	10.0	110552.5	-5940.5	3226	10.0	110838.5	-5939.5
3047	9.4	110135.0	-5910.2	3137	9.4	110552.8	-5954.7	3227	10.0	110838.5	-5943.5
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3055	9.7	110154.5	-5950.8	3145	10.0	110603.5	-5950.3	3235	10.0	110855.5	-5917.1
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3057	7.7	110158.5	-5911.8	3147	9.8	110606.0	-5911.8	3237	10.0	110900.0	-5911.1
3058	8.9	110202.0	-5951.9	3148	10.0	110607.3	-5953.5	3238	10.0	110904.5	-5911.7
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3066	9.4	110222.0	-5956.2	3156	8.4	110612.5	-5941.9	3246	10.0	110928.5	-5953.4
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3069	9.4	110233.0	-5946.5	3159	9.3	110616.5	-5948.6	3249	10.0	110931.0	-5902.8
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3082	9.2	110328.5	-5928.7	3172	9.3	110634.0	-5900.3	3262	9.6	110959.0	-5933.7
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3095	9.6	110419.0	-5951.0	3185	10.0	110657.5	-5949.6	3275	10.0	111039.5	-5905.3
3096	9.0	110425.5	-5953.4	3186	10.0	110659.0	-5952.9	3276	10.0	111040.5	-5919.7
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3117	9.4	110524.5	-5936.8	3207	10.0	110756.0	-5924.2	3297	9.2	111134.5	-5901.2
3118	10.0	110525.0	-5941.6	3208	10.0	110756.5	-5924.4	3298	10.0	111136.5	-5902.6
3119	9.9	110526.0	-5925.9	3209	9.3	110756.5	-5929.8	3299	9.7	111139.0	-5927.9
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3122	10.0	110536.5	-5913.6	3212	9.8	110805.5	-5943.7	3302	10.0	111150.5	-5950.9
3123	9.9	110537.5	-5910.0	3213	9.4	110807.0	-5924.8	3303	10.0	111151.5	-5925.9
3124	10.0	110538.0	-5939.4	3214	9.9	110810.5	-5945.0	3304	10.0	111157.0	-5923.8
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3340	9.8	111346.5	-5917.5								
3341	9.8	111350.0	-5929.9								
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-59 3755 11h38m

-59 4114 12h06m

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3781	9.6	114008.0	-5942.1	3871	9.7	114549.5	-5931.2	3961	9.7	115048.0	-5907.0
3782	9.8	114012.0	-5950.3	3872	9.3	114550.5	-5949.0	3962	10.2	115108.5	-5939.1
3783	10.0	114019.0	-5942.9	3873	9.6	114555.7	-5902.1	3963	9.6	115118.5	-5917.6
3784	10.0	114020.5	-5914.0	3874	9.7	114558.5	-5916.0	3964	8.2	115130.0	-5945.2
3785	9.6	114022.5	-5922.0	3875	9.0	114601.0	-5950.1	3965	10.2	115131.0	-5920.9
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3787	10.0	114029.0	-5933.6	3877	9.7	114607.0	-5906.4	3967	9.0	115138.0	-5923.0
3788	9.6	114032.5	-5942.0	3878	10.2	114609.5	-5906.9	3968	10.2	115141.5	-5935.1
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3793	10.0	114054.5	-5931.8	3883	10.2	114622.0	-5918.9	3973	10.0	115215.0	-5959.4
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3797	10.0	114102.5	-5949.8	3887	9.0	114632.0	-5950.8	3977	9.6	115227.5	-5936.8
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3805	9.8	114132.0	-5904.1	3895	10.2	114700.[illegible]	-5900.8	3985	10.0	115311.0	-5954.4
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4156 10.0 121027.5 -5958.8	4246 9.4 122141.0 -5924.0	4336 10.0 122922.5 -5940.9	4426 10.2 123853.5 -5904.9
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4167 10.2 121141.0 -5904.3	4257 10.0 122252.5 -5933.5	4347 10.0 123054.2 -5930.3	4437 10.1 123922.0 -5901.0
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4191 9.6 121501.0 -5904.4	4281 9.6 122424.0 -5916.4	4371 10.2 123244.2 -5935.0	4461 9.7 124052.5 -5958.5
4192 10.0 121531.0 -5944.3	4282 10.2 122424.7 -5906.0	4372 9.8 123259.0 -5943.0	4462 10.2 124053.5 -5906.9
4193 8.8 121548.5 -5934.1	4283 10.0 122425.0 -5959.9	4373 10.2 123305.2 -5948.4	4463 9.0 124054.5 -5941.2
4194 9.7 121626.5 -5957.1	4284 10.0 122435.0 -5938.0	4374 9.4 123315.0 -5941.4	4464 9.6 124058.5 -5935.0
4195 9.6 121640.0 -5913.0	4285 10.0 122438.7 -5939.8	4375 9.0 123315.5 -5908.0	4465 9.4 124101.0 -5953.5
4196 9.8 121651.9 -5900.0	4286 10.1 122439.5 -5902.3	4376 9.4 123316.0 -5936.0	4466 10.1 124103.5 -5925.9
4197 10.2 121700.3 -5922.0	4287 10.0 122443.5 -5914.4	4377 9.7 123317.5 -5922.3	4467 10.2 124112.5 -5941.1
4198 9.0 121708.5 -5923.2	4288 10.0 122447.7 -5921.2	4378 10.2 123324.5 -5906.2	4468 9.5 124123.5 -5913.6
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4201 9.0 121724.5 -5937.7	4291 10.1 122514.0 -5929.9	4381 9.3 123333.5 -5907.0	4471 9.8 124137.0 -5951.9
4202 9.2 121724.7 -5921.2	4292 9.8 122515.0 -5902.3	4382 9.4 123343.5 -5911.1	4472 10.2 124137.5 -5916.3
4203 8.7 121725.0 -5904.1	4293 10.0 122519.0 -5909.0	4383 9.3 123357.0 -5903.5	4473 10.2 124143.0 -5911.5
4204 10.0 121733.5 -5948.0	4294 10.1 122523.0 -5903.2	4384 10.1 123357.5 -5919.2	4474 8.6 124152.0 -5958.8

-59 4475 12h41m

-59 4834 13h05m

4475	9.7	124154.5	-5903.5	4565	9.8	124631.4	-5942.6	4655	9.0	125408.0	-5901.6
4476	9.5	124200.0	-5954.7	4566	7.5	124632.9	-5939.4	4656	10.1	125411.5	-5912.5
4477	10.2	124214.0	-5958.3	4567	9.9	124633.4	-5945.6	4657	10.1	125412.5	-5940.3
4478	8.8	124217.0	-5925.9	4568	10.0	124639.6	-5944.6	4658	10.1	125412.8	-5953.0
4479	9.9	124221.5	-5941.9	4569	10.2	124640.4	-5942.4	4659	9.2	125414.5	-5940.4
4480	8.9	124223.5	-5949.9	4570	10.1	124641.4	-5941.0	4660	9.7	125414.5	-5941.1
4481	10.2	124245.5	-5902.0	4571	10.1	124646.9	-5941.0	4661	10.1	125418.5	-5920.4
4482	9.0	124246.5	-5919.2	4572	10.2	124654.0	-5926.0	4662	10.1	125420.5	-5958.8
4483	7.5	124249.0	-5943.1	4573	10.2	124704.0	-5905.4	4663	9.8	125423.5	-5918.1
4484	9.8	124303.5	-5900.3	4574	9.7	124707.0	-5904.2	4664	10.1	125423.5	-5915.1
4485	8.6	124305.0	-5959.0	4575	9.4	124717.0	-5924.0	4665	9.8	125426.0	-5931.1
4486	10.2	124325.5	-5958.4	4576	10.1	124717.0	-5911.4	4666	9.3	125428.2	-5939.1
4487	10.0	124327.0	-5947.8	4577	9.8	124738.0	-5943.7	4667	10.1	125437.0	-5933.5
4488	8.6	124334.0	-5945.9	4578	10.0	124741.0	-5917.4	4668	10.1	125441.0	-5918.5
4489	9.4	124336.0	-5955.7	4579	8.7	124753.5	-5936.6	4669	9.2	125441.5	-5939.8
4490	9.5	124338.0	-5923.8	4580	8.4	124802.5	-5950.3	4670	9.6	125451.0	-5959.9
4491	10.2	124346.5	-5922.0	4581	8.7	124811.0	-5947.8	4671	9.4	125456.5	-5940.9
4492	9.6	124348.2	-5958.4	4582	9.5	124814.0	-5939.2	4672	10.1	125459.0	-5900.9
4493	9.2	124350.5	-5941.2	4583	10.2	124815.0	-5953.5	4673	9.6	125500.0	-5951.1
4494	6.9	124355.0	-5938.9	4584	9.6	124816.0	-5941.7	4674	8.9	125500.2	-5915.5
4495	9.8	124406.0	-5911.0	4585	9.6	124831.5	-5932.2	4675	9.1	125502.7	-5952.3
4496	10.2	124412.0	-5947.4	4586	9.6	124837.0	-5917.2	4676	9.6	125503.0	-5931.7
4497	10.2	124413.5	-5945.4	4587	10.0	124842.0	-5925.6	4677	9.8	125503.8	-5958.1
4498	8.8	124413.5	-5949.0	4588	10.2	124847.0	-5946.7	4678	10.1	125505.0	-5933.9
4499	9.5	124421.0	-5914.3	4589	9.8	124851.0	-5957.0	4679	9.5	125511.7	-5913.9
4500	9.8	124422.5	-5908.2	4590	10.1	124852.5	-5946.7	4680	9.9	125512.0	-5916.4
4501	9.4	124426.5	-5913.7	4591	9.7	124852.5	-5915.1	4681	9.8	125516.7	-5916.5
4502	9.0	124428.0	-5943.4	4592	9.2	124854.5	-5915.0	4682	9.3	125522.7	-5918.1
4503	9.3	124436.5	-5956.2	4593	9.1	124857.0	-5959.5	4683	8.6	125524.5	-5919.5
4504	8.8	124437.0	-5952.1	4594	10.1	124900.0	-5950.1	4684	9.4	125525.3	-5930.3
4505	10.0	124437.5	-5929.1	4595	9.7	124907.0	-5935.7	4685	9.2	125526.3	-5917.1
4506	10.2	124439.5	-5958.5	4596	9.5	124908.5	-5900.0	4686	9.8	125526.5	-5951.9
4507	9.9	124445.5	-5905.0	4597	9.3	124908.5	-5904.2	4687	10.1	125532.5	-5915.9
4508	9.8	124450.5	-5919.1	4598	9.6	124917.0	-5945.1	4688	9.1	125537.3	-5937.6
4509	10.2	124503.0	-5959.5	4599	10.2	124926.5	-5912.1	4689	9.6	125538.0	-5911.9
4510	9.5	124503.5	-5917.1	4600	7.8	124930.0	-5904.0	4690	10.1	125545.0	-5916.9
4511	10.1	124508.5	-5942.1	4601	8.4	124932.5	-5927.8	4691	9.4	125550.8	-5907.1
4512	9.4	124510.5	-5945.1	4602	10.0	124935.0	-5915.3	4692	10.1	125555.5	-5941.5
4513	9.6	124511.0	-5937.4	4603	10.1	124935.5	-5957.7	4693	8.7	125555.5	-5942.5
4514	10.1	124512.5	-5934.0	4604	9.8	124952.5	-5956.3	4694	9.7	125602.0	-5945.9
4515	9.8	124513.5	-5939.4	4605	10.1	125000.0	-5904.1	4695	9.6	125607.0	-5903.1
4516	9.2	124527.0	-5953.0	4606	10.1	125012.5	-5959.6	4696	10.1	125608.0	-5908.6
4517	9.7	124527.9	-5942.0	4607	10.2	125016.5	-5930.0	4697	10.1	125608.5	-5937.9
4518	10.0	124531.5	-5958.2	4608	10.0	125023.0	-5959.6	4698	9.8	125608.5	-5926.0
4519	9.2	124532.5	-5936.3	4609	9.5	125030.5	-5959.0	4699	9.8	125625.0	-5957.1
4520	10.0	124535.9	-5942.4	4610	10.2	125033.0	-5955.3	4700	8.6	125626.5	-5930.9
4521	9.2	124538.5	-5901.0	4611	9.2	125033.5	-5913.2	4701	9.8	125630.5	-5952.5
4522	10.2	124544.4	-5941.6	4612	10.0	125037.0	-5929.1	4702	9.3	125634.0	-5914.5
4523	9.4	124544.4	-5945.2	4613	10.2	125039.0	-5943.0	4703	9.6	125641.5	-5925.0
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4525	10.2	124547.9	-5943.2	4615	10.0	125047.0	-5958.5	4705	9.3	125641.5	-5916.8
4526	9.4	124548.4	-5946.9	4616	10.2	125105.5	-5906.1	4706	10.1	125642.0	-5949.6
4527	9.4	124552.5	-5929.6	4617	8.9	125107.5	-5953.5	4707	9.1	125642.5	-5916.8
4528	9.3	124554.4	-5942.4	4618	9.2	125110.0	-5939.0	4708	10.1	125644.0	-5906.9
4529	6.5	124555.4	-5938.9	4619	9.7	125114.5	-5919.1	4709	9.7	125650.5	-5929.7
4530	10.2	124557.4	-5943.0	4620	9.6	125115.0	-5908.0	4710	9.7	125652.0	-5912.9
4531	10.0	124557.9	-5940.8	4621	9.1	125128.3	-5958.1	4711	8.9	125653.0	-5909.1
4532	9.6	124558.9	-5941.2	4622	9.9	125129.5	-5920.0	4712	9.9	125710.0	-5930.1
4533	9.9	124558.9	-5941.6	4623	9.3	125134.0	-5902.0	4713	10.1	125711.0	-5941.5
4534	10.2	124559.0	-5935.3	4624	10.2	125136.0	-5901.7	4714	8.9	125714.5	-5925.4
4535	9.4	124559.4	-5942.2	4625	10.0	125137.5	-5902.7	4715	9.2	125716.0	-5945.5
4536	10.2	124600.4	-5938.4	4626	10.2	125148.0	-5944.0	4716	9.2	125716.0	-5932.9
4537	10.0	124600.9	-5940.0	4627	10.0	125150.0	-5946.1	4717	10.1	125718.5	-5905.3
4538	8.8	124601.0	-5931.0	4628	9.8	125153.5	-5927.2	4718	10.1	125719.5	-5926.3
4539	10.0	124604.4	-5940.5	4629	8.8	125154.0	-5911.3	4719	8.4	125731.5	-5946.1
4540	9.2	124607.4	-5943.8	4630	8.7	125157.5	-5908.7	4720	10.1	125735.5	-5901.1
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4542	9.4	124608.9	-5943.0	4632	9.2	125204.0	-5920.8	4722	9.2	125742.5	-5913.3
4543	7.8	124610.4	-5940.7	4633	9.8	125214.0	-5943.1	4723	9.8	125743.0	-5917.3
4544	9.6	124611.9	-5942.0	4634	8.2	125230.5	-5955.2	4724	10.1	125806.5	-5953.1
4545	10.2	124612.0	-5957.0	4635	10.1	125237.0	-5948.5	4725	9.7	125812.0	-5943.1
4546	9.4	124613.9	-5943.0	4636	10.2	125237.5	-5957.5	4726	9.0	125818.5	-5903.3
4547	9.6	124614.9	-5940.2	4637	10.0	125237.5	-5942.0	4727	10.1	125821.5	-5948.2
4548	10.2	124617.4	-5943.2	4638	10.2	125238.0	-5913.0	4728	10.1	125824.5	-5913.5
4549	10.1	124617.7	-5941.7	4639	9.2	125251.0	-5900.7	4729	10.1	125826.0	-5954.9
4550	9.5	124618.9	-5937.8	4640	7.5	125256.0	-5942.0	4730	10.1	125827.0	-5926.1
4551	8.0	124619.9	-5939.2	4641	10.1	125305.0	-5912.1	4731	9.5	125828.5	-5925.3
4552	8.3	124619.9	-5943.4	4642	10.2	125308.5	-5902.3	4732	10.1	125837.5	-5910.9
4553	10.0	124620.7	-5941.4	4643	9.3	125314.0	-5934.2	4733	9.2	125837.5	-5957.1
4554	10.2	124620.9	-5944.6	4644	9.8	125325.5	-5910.9	4734	10.1	125905.5	-5912.9
4555	8.7	124621.4	-5941.8	4645	10.0	125333.0	-5920.5	4735	8.5	125911.0	-5936.5
4556	10.0	124622.0	-5941.1	4646	10.0	125339.0	-5901.0	4736	9.8	125921.0	-5950.8
4557	9.7	124623.7	-5942.2	4647	10.1	125340.5	-5912.9	4737	9.4	125925.5	-5910.3
4558	10.0	124625.7	-5941.2	4648	10.0	125344.5	-5916.8	4738	10.1	125930.0	-5943.1
4559	10.1	124625.7	-5942.6	4649	9.2	125347.2	-5911.4	4739	9.7	125932.0	-5911.9
4560	9.7	124626.4	-5941.8	4650	9.7	125351.0	-5914.9	4740	7.2	125942.0	-5911.5
4561	10.2	124626.4	-5943.1	4651	8.1	125357.8	-5959.9	4741	9.7	125942.0	-5921.0
4562	9.6	124626.9	-5940.8	4652	10.1	125400.0	-5937.9	4742	9.7	125943.0	-5923.7
4563	9.9	124629.9	-5945.8	4653	8.8	125405.0	-5945.9	4743	9.8	125943.0	-5902.9
4564	8.8	124630.4	-5944.2	4654	8.3	125406.0	-5924.1	4744	10.0	125943.2	-5959.7
4745	9.8	125946.5	-5940.7								
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4747	9.0	125949.8	-5959.9								
4748	9.0	125956.0	-5908.7								
4749	10.1	125958.5	-5948.9								
4750	10.1	130001.0	-5922.5								
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4752	9.8	130005.5	-5953.9								
4753	10.1	130007.5	-5920.8								
4754	10.1	130012.5	-5920.3								
4755	10.1	130016.0	-5926.5								
4756	8.9	130021.5	-5900.1								
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4760	9.4	130046.5	-5940.7								
4761	10.1	130049.5	-5941.0								
4762	10.0	130050.0	-5954.3								
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4765	10.1	130055.0	-5949.0								
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4769	8.4	130059.0	-5940.1								
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4777	9.8	130125.5	-5926.3								
4778	8.5	130131.0	-5938.3								
4779	9.8	130133.5	-5931.9								
4780	10.1	130136.0	-5917.9								
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4785	10.1	130215.5	-5925.1								
4786	10.1	130222.0	-5940.9								
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4789	9.6	130241.5	-5938.3								
4790	9.2	130250.5	-5951.3								
4791	9.2	130251.0	-5930.3								
4792	9.7	130253.5	-5908.9								
4793	9.4	130256.0	-5904.0								
4794	10.1	130257.5	-5913.1								
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4797	10.1	130311.5	-5926.4								
4798	9.6	130312.5	-5927.0								
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4812	9.2	130420.0	-5948.5								
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4816	10.1	130432.0	-5907.1								
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4818	9.3	130439.2	-5902.0								
4819	9.2	130442.0	-5937.3								
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4828	9.8	130509.5	-5935.2								
4829	10.0	130512.5	-5941.5								
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4831	9.7	130513.0	-5926.7								
4832	8.9	130513.0	-5916.5								
4833	9.8	130520.0	-5908.2								
4834	9.8	130520.5	-5945.5								

-59 4835 13h05m

-59 5194 13h39m

4835	10.1	130529.5	-5928.1	4925	9.8	131343.0	-5945.0	5015	10.1	132322.5	-5945.0
4836	9.0	130530.5	-5959.0	4926	7.7	131407.5	-5931.6	5016	9.4	132323.5	-5911.0
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4843	9.8	130610.0	-5948.5	4933	9.0	131446.5	-5950.9	5023	10.1	132409.5	-5933.9
4844	9.4	130619.0	-5922.6	4934	9.8	131448.5	-5923.6	5024	9.1	132414.5	-5926.0
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4846	10.1	130637.0	-5929.5	4936	9.6	131457.5	-5906.0	5026	9.2	132424.5	-5952.7
4847	10.1	130654.0	-5904.7	4937	9.1	131511.5	-5945.0	5027	9.6	132428.5	-5951.5
4848	10.1	130707.0	-5900.3	4938	8.7	131514.0	-5934.2	5028	10.1	132442.5	-5926.9
4849	10.1	130721.5	-5927.0	4939	9.8	131514.0	-5911.0	5029	9.9	132503.5	-5901.9
4850	10.1	130723.5	-5908.7	4940	8.8	131515.5	-5936.5	5030	9.8	132517.5	-5936.9
4851	10.1	130724.5	-5950.5	4941	10.1	131519.0	-5902.0	5031	9.2	132526.0	-5909.3
4852	8.4	130727.5	-5907.9	4942	10.1	131522.0	-5925.0	5032	10.1	132532.5	-5931.1
4853	9.0	130734.0	-5927.9	4943	10.0	131530.0	-5951.9	5033	10.1	132533.5	-5948.7
4854	9.2	130739.0	-5927.6	4944	10.1	131531.0	-5921.8	5034	8.8	132539.0	-5903.7
4855	10.1	130742.0	-5953.8	4945	8.4	131532.0	-5943.3	5035	9.1	132542.5	-5959.7
4856	9.0	130752.0	-5927.6	4946	9.3	131532.0	-5905.4	5036	10.1	132556.0	-5937.5
4857	10.1	130755.0	-5947.3	4947	9.5	131540.0	-5907.4	5037	9.6	132602.0	-5949.3
4858	10.1	130757.5	-5932.3	4948	10.0	131542.0	-5939.3	5038	10.1	132612.0	-5950.9
4859	10.1	130800.0	-5934.3	4949	10.0	131546.5	-5930.7	5039	9.0	132612.0	-5901.9
4860	10.1	130805.0	-5948.5	4950	9.1	131550.0	-5905.6	5040	9.5	132616.5	-5905.7
4861	10.1	130805.5	-5927.9	4951	9.0	131556.0	-5909.4	5041	9.7	132636.0	-5927.5
4862	9.8	130809.5	-5939.9	4952	9.8	131601.0	-5925.6	5042	10.1	132641.5	-5947.3
4863	9.8	130810.5	-5923.9	4953	9.8	131602.5	-5902.2	5043	8.4	132659.5	-5930.7
4864	10.1	130811.5	-5902.0	4954	9.6	131602.5	-5913.5	5044	10.1	132702.5	-5928.9
4865	10.0	130812.5	-5924.9	4955	9.2	131609.5	-5906.4	5045	10.1	132713.5	-5932.4
4866	10.1	130812.5	-5902.9	4956	9.7	131613.0	-5909.6	5046	9.4	132721.0	-5909.9
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4869	9.6	130831.5	-5926.4	4959	9.3	131621.0	-5914.4	5049	9.4	132732.5	-5936.0
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4871	10.1	130840.5	-5921.7	4961	8.6	131632.0	-5936.6	5051	8.9	132754.5	-5941.1
4872	10.1	130849.5	-5921.9	4962	9.8	131633.0	-5958.0	5052	10.1	132803.0	-5943.9
4873	8.8	130849.5	-5909.9	4963	10.1	131643.0	-5915.0	5053	9.6	132803.0	-5953.5
4874	10.1	130849.5	-5906.9	4964	10.1	131643.5	-5929.0	5054	9.7	132811.3	-5900.2
4875	9.8	130850.0	-5923.0	4965	9.1	131647.5	-5921.0	5055	9.8	132817.0	-5914.1
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4879	9.4	130908.0	-5915.9	4969	10.0	131707.0	-5948.0	5059	9.8	132832.5	-5939.9
4880	10.0	130909.0	-5920.5	4970	10.1	131719.0	-5948.8	5060	8.6	132842.7	-5900.0
4881	8.4	130925.5	-5906.9	4971	8.4	131719.5	-5907.8	5061	9.7	132856.5	-5946.9
4882	10.1	130933.2	-5901.5	4972	9.4	131736.5	-5928.0	5062	10.1	132911.0	-5924.9
4883	10.1	130936.5	-5914.9	4973	9.4	131808.5	-5902.8	5063	10.1	132923.0	-5934.4
4884	8.4	130947.5	-5945.2	4974	10.1	131829.0	-5921.0	5064	9.1	132945.0	-5918.9
4885	9.6	130949.5	-5944.9	4975	10.1	131838.5	-5919.0	5065	9.1	132947.8	-5900.9
4886	10.0	130953.5	-5930.6	4976	10.1	131849.0	-5912.2	5066	10.0	132955.0	-5946.2
4887	10.0	130958.5	-5924.9	4977	9.7	131857.0	-5941.0	5067	10.0	132956.0	-5913.9
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4889	8.8	131010.0	-5944.2	4979	10.1	131911.5	-5931.0	5069	10.0	133009.0	-5912.9
4890	9.6	131030.0	-5922.9	4980	9.9	131914.5	-5936.0	5070	9.6	133014.8	-5910.9
4891	9.2	131030.0	-5905.8	4981	9.8	131922.0	-5941.4	5071	8.9	133018.5	-5912.1
4892	9.7	131039.0	-5940.0	4982	10.0	131927.5	-5927.0	5072	9.8	133024.0	-5940.1
4893	10.0	131044.5	-5915.3	4983	10.1	131927.5	-5906.8	5073	9.9	133026.3	-5902.5
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4907	9.8	131159.0	-5917.9	4997	8.8	132039.0	-5918.0	5087	10.0	133137.0	-5956.3
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4909	9.8	131226.0	-5917.0	4999	10.1	132046.0	-5903.6	5089	10.0	133138.0	-5916.0
4910	9.3	131230.0	-5924.0	5000	10.1	132102.0	-5916.2	5090	10.1	133139.5	-5952.9
4911	10.1	131238.5	-5948.0	5001	9.2	132105.0	-5915.3	5091	10.0	133140.5	-5928.1
4912	7.2	131239.0	-5907.0	5002	10.0	132122.0	-5938.2	5092	9.6	133143.0	-5917.1
4913	9.0	131249.5	-5957.4	5003	10.1	132129.0	-5959.1	5093	10.0	133143.0	-5915.8
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4918	10.1	131312.0	-5906.3	5008	10.0	132157.5	-5924.4	5098	9.6	133207.5	-5902.9
4919	9.2	131314.3	-5900.9	5009	9.1	132211.5	-5908.1	5099	8.8	133208.0	-5938.0
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5122	10.0	133351.3	-5901.9								
5123	10.1	133354.0	-5940.9								
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5127	9.5	133417.7	-5900.7								
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5132	9.3	133438.0	-5954.9								
5133	10.1	133443.5	-5917.3								
5134	10.1	133449.5	-5924.9								
5135	10.0	133455.0	-5907.7								
5136	9.5	133459.0	-5910.1								
5137	10.0	133501.5	-5953.8								
5138	9.8	133505.5	-5939.9								
5139	9.9	133505.5	-5935.9								
5140	10.1	133505.5	-5926.9								
5141	10.0	133505.5	-5948.6								
5142	9.0	133512.0	-5948.0								
5143	9.4	133515.0	-5913.3								
5144	9.4	133517.5	-5945.5								
5145	10.0	133521.0	-5931.9								
5146	9.4	133540.0	-5904.9								
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5149	9.9	133556.5	-5945.8								
5150	9.7	133600.5	-5948.9								
5151	9.8	133600.5	-5935.6								
5152	9.9	133601.5	-5904.1								
5153	9.3	133602.0	-5915.2								
5154	9.5	133604.5	-5936.9								
5155	10.0	133605.5	-5924.4								
5156	9.5	133605.5	-5943.3								
5157	8.8	133605.5	-5915.0								
5158	10.0	133613.5	-5938.9								
5159	9.6	133617.5	-5957.1								
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5162	9.4	133648.0	-5935.3								
5163	10.1	133655.0	-5927.9								
5164	10.0	133657.5	-5959.8								
5165	9.7	133704.5	-5933.0								
5166	9.8	133707.5	-5947.8								
5167	9.6	133713.0	-5932.8								
5168	9.9	133730.0	-5931.1								
5169	9.9	133732.0	-5931.0								
5170	9.4	133735.5	-5923.9								
5171	9.4	133737.5	-5925.4								
5172	9.0	133738.0	-5916.1								
5173	8.9	133744.5	-5931.0								
5174	10.0	133748.0	-5905.9								
5175	9.0	133807.0	-5950.3								
5176	9.4	133816.0	-5955.8								
5177	9.9	133827.0	-5919.8								
5178	9.0	133829.5	-5928.2								
5179	10.1	133841.5	-5903.9								
5180	9.8	133844.5	-5924.7								
5181	9.6	133844.5	-5915.3								
5182	9.6	133853.0	-5940.9								
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5185	9.2	133856.5	-5904.1								
5186	10.0	133907.0	-5937.0								
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5189	9.7	133917.5	-5948.1								
5190	10.0	133922.5	-5953.9								
5191	10.1	133922.5	-5954.9								
5192	7.8	133923.0	-5915.0								
5193	9.1	133925.0	-5949.4								
5194	9.0	133944.5	-5912.2								

5195	10.0	133947.0	-5939.9	5285	10.1	134633.0	-5926.5	5375	10.0	135545.5	-5947.3	5465	10.3	140517.5	-5947.3
5196	9.2	133955.5	-5950.3	5286	9.6	134635.5	-5912.4	5376	9.2	135551.5	-5922.8	5466	9.2	140523.5	-5946.9
5197	10.0	134004.5	-5922.9	5287	10.0	134641.0	-5958.9	5377	10.1	135556.0	-5957.7	5467	10.2	140524.3	-5923.9
5198	10.0	134003.5	-5940.9	5288	10.1	134643.5	-5930.3	5378	10.1	135604.3	-5911.4	5468	10.0	140543.5	-5922.2
5199	9.6	134018.5	-5940.4	5289	8.8	134655.5	-5902.4	5379	10.0	135613.3	-5911.5	5469	10.3	140548.0	-5939.6
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5201	10.0	134028.5	-5928.9	5291	9.8	134716.5	-5915.4	5381	10.0	135633.5	-5903.1	5471	9.2	140647.0	-5928.6
5202	9.9	134030.0	-5935.5	5292	9.7	134734.5	-5924.0	5382	10.0	135648.5	-5937.8	5472	10.3	140700.5	-5930.2
5203	8.8	134041.5	-5950.6	5293	9.9	134735.5	-5910.0	5383	10.0	135650.5	-5938.5	5473	9.8	140714.5	-5927.6
5204	9.9	134043.5	-5929.4	5294	10.0	134736.5	-5937.0	5384	9.9	135653.0	-5912.9	5474	9.6	140725.0	-5938.0
5205	10.0	134050.5	-5901.3	5295	9.4	134737.5	-5925.3	5385	9.0	135655.0	-5951.6	5475	9.6	140731.5	-5947.9
5206	9.5	134052.0	-5901.6	5296	9.2	134745.5	-5915.5	5386	9.9	135657.5	-5956.9	5476	8.9	140735.5	-5919.9
5207	9.7	134056.5	-5918.2	5297	10.0	134748.0	-5935.9	5387	9.6	135705.5	-5953.8	5477	10.1	140751.0	-5915.9
5208	8.8	134056.5	-5917.9	5298	10.0	134751.0	-5916.5	5388	9.8	135712.0	-5922.8	5478	10.2	140829.5	-5934.6
5209	9.4	134106.5	-5959.0	5299	9.0	134753.5	-5935.4	5389	9.4	135712.0	-5903.1	5479	10.2	140834.5	-5952.1
5210	10.0	134106.5	-5929.8	5300	10.1	134755.5	-5917.8	5390	9.9	135718.5	-5907.3	5480	9.9	140837.0	-5952.2
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5212	10.0	134113.0	-5916.2	5302	9.6	134816.0	-5925.3	5392	10.0	135729.5	-5902.3	5482	10.2	140857.5	-5952.6
5213	10.0	134113.8	-5958.6	5303	10.0	134841.0	-5917.9	5393	10.1	135733.5	-5925.0	5483	10.2	140902.5	-5903.9
5214	10.0	134114.5	-5959.7	5304	10.0	134855.5	-5902.1	5394	9.6	135738.0	-5941.9	5484	9.7	140910.5	-5951.8
5215	9.1	134116.5	-5949.3	5305	9.3	134856.5	-5900.6	5395	7.1	135738.1	-5907.0	5485	9.6	140910.5	-5904.6
5216	9.4	134126.5	-5936.8	5306	9.7	134903.0	-5930.3	5396	9.0	135739.5	-5902.8	5486	10.2	140915.5	-5939.0
5217	10.0	134134.5	-5941.0	5307	9.8	134904.5	-5930.9	5397	10.0	135745.0	-5907.1	5487	10.2	140918.5	-5943.8
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5219	10.0	134141.5	-5922.3	5309	8.5	134916.5	-5904.8	5399	7.9	135753.0	-5909.3	5489	9.0	140928.5	-5938.2
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5221	10.1	134144.5	-5923.2	5311	10.0	134934.5	-5914.9	5401	9.4	135811.0	-5932.9	5491	8.6	140931.0	-5903.6
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5224	9.3	134155.5	-5950.0	5314	10.0	134942.5	-5934.8	5404	8.0	135832.5	-5952.3	5494	9.7	140951.0	-5928.2
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5226	9.8	134157.5	-5905.5	5316	10.1	134947.5	-5920.0	5406	9.5	135835.5	-5911.2	5496	10.2	141012.5	-5946.2
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5229	9.9	134239.5	-5925.8	5319	10.1	134957.5	-5930.3	5409	10.1	135856.0	-5926.0	5499	9.6	141021.0	-5903.9
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5235	10.1	134310.0	-5930.1	5325	10.1	135105.5	-5942.1	5415	9.2	135933.0	-5927.2	5505	9.8	141052.0	-5925.8
5236	10.0	134311.5	-5919.8	5326	9.0	135108.0	-5920.5	5416	10.0	135944.5	-5948.0	5506	10.0	141059.5	-5939.8
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5239	9.0	134325.5	-5903.9	5329	9.7	135116.0	-5941.4	5419	9.9	135950.5	-5945.9	5509	9.8	141112.2	-5900.9
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5244	10.0	134337.5	-5958.4	5334	9.5	135132.0	-5905.9	5424	10.0	140010.5	-5907.5	5514	10.0	141157.5	-5916.3
5245	10.1	134340.5	-5955.4	5335	9.9	135134.5	-5955.8	5425	10.1	140012.0	-5906.9	5515	10.2	141202.0	-5959.7
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5247	9.6	134357.5	-5932.5	5337	10.0	135148.0	-5945.1	5427	9.2	140016.0	-5907.7	5517	10.2	141229.0	-5958.5
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5249	10.0	134406.5	-5933.6	5339	10.1	135202.5	-5943.6	5429	9.6	140033.5	-5944.3	5519	10.0	141237.5	-5940.9
5250	10.0	134411.5	-5920.2	5340	9.6	135204.5	-5938.9	5430	10.0	140044.5	-5900.6	5520	9.3	141239.5	-5951.9
5251	9.6	134413.0	-5916.9	5341	10.0	135212.5	-5904.4	5431	7.8	140046.7	-5959.2	5521	10.2	141240.0	-5932.1
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5253	10.0	134430.5	-5929.4	5343	10.0	135255.5	-5957.8	5433	10.0	140113.5	-5939.1	5523	9.6	141247.0	-5940.7
5254	9.4	134431.0	-5938.0	5344	9.6	135256.5	-5908.2	5434	10.1	140114.5	-5953.6	5524	8.0	141257.0	-5947.7
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5257	9.5	134436.5	-5923.9	5347	9.8	135315.0	-5920.9	5437	9.9	140150.5	-5943.4	5527	9.9	141308.0	-5925.9
5258	9.2	134437.0	-5923.8	5348	9.0	135324.5	-5907.0	5438	10.1	140152.5	-5916.4	5528	10.2	141309.5	-5938.1
5259	9.4	134437.0	-5952.4	5349	10.1	135325.5	-5902.2	5439	9.0	140156.5	-5937.7	5529	10.0	141316.5	-5942.0
5260	10.1	134443.5	-5913.8	5350	10.0	135326.0	-5937.9	5440	10.0	140206.0	-5907.1	5530	9.9	141319.0	-5904.0
5261	9.8	134448.0	-5938.9	5351	10.0	135337.0	-5958.6	5441	9.6	140206.5	-5942.9	5531	10.4	141337.0	-5933.1
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5265	10.1	134507.5	-5946.3	5355	10.1	135411.5	-5927.6	5445	9.6	140243.0	-5903.1	5535	10.2	141427.5	-5901.9
5266	9.9	134510.5	-5919.2	5356	8.2	135412.0	-5934.1	5446	8.3	140243.0	-5914.6	5536	9.7	141431.5	-5926.7
5267	9.5	134511.5	-5933.4	5357	10.0	135413.5	-5938.1	5447	9.6	140247.5	-5902.5	5537	8.7	141436.0	-5938.4
5268	9.4	134521.5	-5949.8	5358	10.1	135414.5	-5927.7	5448	10.1	140308.5	-5907.8	5538	9.8	141446.5	-5933.7
5269	10.0	134528.5	-5937.3	5359	8.8	135416.0	-5953.9	5449	8.7	140316.5	-5912.8	5539	10.0	141447.0	-5912.2
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5271	9.5	134532.0	-5943.2	5361	9.6	135422.0	-5924.8	5451	8.6	140326.5	-5948.2	5541	9.0	141525.5	-5948.9
5272	10.0	134532.5	-5917.0	5362	9.2	135422.5	-5947.7	5452	10.1	140344.0	-5952.1	5542	10.4	141544.0	-5915.7
5273	10.1	134552.5	-5945.3	5363	9.9	135427.5	-5916.7	5453	10.1	140408.0	-5938.8	5543	10.3	141548.5	-5923.0
5274	10.1	134554.5	-5916.9	5364	9.2	135453.0	-5915.5	5454	10.1	140420.0	-5909.4	5544	10.3	141553.5	-5952.0
5275	8.0	134556.0	-5943.5	5365	2.5	135459.5	-5946.1	5455	9.8	140424.0	-5946.1	5545	10.2	141600.5	-5929.9
5276	9.0	134604.5	-5937.1	5366	10.1	135508.5	-5909.2	5456	9.8	140427.5	-5935.3	5546	10.3	141606.5	-5909.3
5277	8.6	134608.7	-5901.8	5367	9.3	135509.0	-5901.1	5457	9.6	140442.0	-5948.1	5547	10.2	141606.5	-5906.9
5278	9.2	134612.0	-5959.8	5368	9.1	135509.5	-5958.5	5458	9.8	140443.0	-5905.8	5548	9.4	141607.5	-5918.4
5279	10.0	134614.5	-5930.3	5369	10.1	135513.0	-5903.0	5459	9.9	140444.7	-5959.2	5549	9.8	141611.5	-5934.7
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5282	10.0	134627.0	-5915.0	5372	9.6	135525.0	-5937.2	5462	9.0	140452.0	-5939.6	5552	9.9	141629.0	-5941.3
5283	10.1	134627.5	-5906.6	5373	9.8	135527.5	-5935.4	5463	10.3	140455.0	-5904.6	5553	9.8	141629.5	-5910.6
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-59 5555 14h16m

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-59 5914 15h10m

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5918	8.7	151037.0	-5950.4	6008	9.9	151808.8	-5904.4	6098	9.5	152250.3	-5926.1
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5922	9.9	151052.0	-5905.4	6012	8.9	151818.9	-5949.1	6102	10.0	152253.3	-5923.0
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5925	9.4	151121.0	-5909.4	6015	9.8	151829.7	-5954.1	6105	9.8	152258.8	-5929.4
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5928	9.4	151200.5	-5945.3	6018	9.4	151843.3	-5906.9	6108	9.8	152305.7	-5946.2
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5933	9.9	151234.0	-5915.8	6023	10.1	151907.8	-5912.6	6113	9.7	152318.3	-5907.0
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5945	9.6	151319.5	-5900.0	6035	10.0	151937.7	-5948.5	6125	10.1	152358.3	-5911.9
5946	9.9	151324.5	-5917.9	6036	9.6	151938.7	-5935.9	6126	10.1	152359.7	-5948.6
5947	9.7	151326.5	-5944.3	6037	9.2	151942.3	-5908.5	6127	9.7	152359.8	-5905.6
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5950	9.6	151352.5	-5954.4	6040	9.4	151952.8	-5917.9	6130	10.1	152406.7	-5951.7
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5952	9.8	151356.0	-5943.2	6042	9.6	152003.7	-5952.6	6132	9.3	152411.3	-5911.9
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5954	9.2	151423.5	-5904.3	6044	10.0	152024.8	-5909.6	6134	8.4	152417.8	-5922.5
5955	8.9	151426.0	-5933.9	6045	8.8	152029.8	-5918.6	6135	10.1	152418.3	-5908.9
5956	9.0	151428.0	-5918.2	6046	8.8	152032.8	-5913.2	6136	9.6	152418.8	-5921.8
5957	9.6	151429.5	-5917.1	6047	10.1	152037.3	-5925.7	6137	9.5	152419.8	-5910.6
5958	9.0	151433.5	-5940.3	6048	10.0	152043.7	-5951.7	6138	9.3	152433.3	-5920.2
5959	8.3	151433.5	-5941.5	6049	9.9	152044.3	-5925.3	6139	10.1	152436.3	-5912.9
5960	9.8	151434.5	-5934.0	6050	9.5	152049.2	-5941.0	6140	9.5	152448.8	-5926.9
5961	9.9	151435.0	-5934.9	6051	9.9	152049.2	-5948.3	6141	9.6	152450.7	-5902.9
5962	9.9	151440.5	-5943.2	6052	9.4	152050.2	-5947.0	6142	10.0	152451.8	-5926.3
5963	9.9	151441.5	-5942.5	6053	9.5	152054.2	-5951.9	6143	10.1	152457.7	-5956.5
5964	9.6	151449.5	-5930.1	6054	8.9	152055.8	-5922.7	6144	10.1	152502.8	-5921.5
5965	9.4	151452.0	-5959.2	6055	9.8	52056.2	-5952.6	6145	10.0	152507.7	-5941.7
5966	8.5	151453.5	-5948.6	6056	9.1	52056.8	-5922.1	6146	10.0	152509.7	-5943.2
5967	9.9	151458.0	-5904.4	6057	9.9	52059.3	-5906.3	6147	10.0	152519.8	-5908.8
5968	9.9	151505.0	-5939.2	6058	9.2	52100.8	-5923.4	6148	10.1	152521.8	-5905.4
5969	9.9	151511.0	-5902.9	6059	9.6	152100.9	-5959.7	6149	9.9	152530.5	-5902.0
5970	9.9	151512.5	-5902.0	6060	9.6	152101.1	-5958.9	6150	9.8	152533.7	-5953.4
5971	9.4	151513.5	-5907.2	6061	9.7	152102.7	-5948.4	6151	9.8	152537.3	-5907.9
5972	8.9	151515.0	-5958.2	6062	9.8	152104.2	-5952.5	6152	10.1	152546.7	-5950.0
5973	9.7	151531.5	-5932.9	6063	9.9	152105.3	-5924.6	6153	10.1	152548.2	-5950.3
5974	8.8	151532.0	-5948.1	6064	10.1	152108.7	-5948.3	6154	10.1	152548.7	-5944.4
5975	9.4	151534.0	-5935.2	6065	9.4	152112.3	-5922.8	6155	9.8	152552.7	-5952.1
5976	9.9	151539.5	-5922.7	6066	10.0	152113.8	-5916.7	6156	9.6	152555.3	-5918.3
5977	9.4	151540.0	-5942.8	6067	9.6	152114.7	-5931.3	6157	9.2	152555.3	-5919.9
5978	8.9	151543.0	-5905.6	6068	10.0	152114.7	-5932.5	6158	9.8	152559.0	-5900.1
5979	9.9	151544.0	-5930.2	6069	10.0	152115.2	-5931.8	6159	9.7	152602.7	-5937.9
5980	9.5	151601.0	-5916.2	6070	10.0	152119.7	-5948.5	6160	9.4	152610.3	-5931.8
5981	9.9	151602.5	-5935.5	6071	9.7	152128.8	-5921.0	6161	9.7	152619.3	-5949.3
5982	9.9	151607.0	-5943.1	6072	10.0	152129.3	-5921.7	6162	10.0	152624.7	-5938.9
5983	8.7	151610.0	-5922.9	6073	9.8	152129.3	-5926.8	6163	10.1	152628.3	-5911.7
5984	8.7	151637.5	-5951.2	6074	9.8	152133.7	-5958.0	6164	10.0	152628.7	-5939.5
5985	9.9	151638.5	-5913.2	6075	9.8	152136.8	-5908.2	6165	10.1	152631.3	-5920.7
5986	8.6	151641.5	-5925.2	6076	10.0	152139.2	-5958.2	6166	9.9	152646.3	-5910.8
5987	7.9	151645.0	-5930.4	6077	9.4	152140.2	-5939.4	6167	9.8	152646.3	-5924.7
5988	9.7	151703.0	-5903.0	6078	10.1	152147.0	-5907.8	6168	9.6	152648.2	-5956.5
5989	9.7	151710.5	-5933.8	6079	9.4	152150.2	-5938.4	6169	9.9	152702.2	-5948.5
5990	9.9	151710.5	-5925.6	6080	9.7	152151.3	-5901.6	6170	10.1	152702.7	-5936.1
5991	9.6	151718.5	-5907.2	6081	10.1	152201.3	-5915.4	6171	10.1	152703.8	-5921.3
5992	9.0	151719.0	-5902.4	6082	9.2	152206.2	-5944.5	6172	9.6	152719.8	-5911.7
5993	9.8	151719.8	-5904.0	6083	9.3	152210.2	-5925.8	6173	9.4	152730.2	-5945.9
5994	10.1	151719.8	-5910.9	6084	9.6	152223.2	-5934.5	6174	9.8	152730.2	-5950.1
5995	10.0	151720.3	-5905.7	6085	9.8	152224.8	-5936.2	6175	10.1	152733.3	-5925.6
5996	10.0	151721.3	-5910.9	6086	10.0	152227.7	-5938.9	6176	10.1	152739.8	-5924.3
5997	9.7	151722.6	-5936.4	6087	10.1	152232.2	-5935.9	6177	9.8	152739.8	-5920.5
5998	10.0	151725.3	-5916.3	6088	9.6	152232.2	-5931.4	6178	10.1	152740.2	-5950.5
5999	9.8	151733.8	-5917.0	6089	10.0	152233.7	-5934.4	6179	9.8	152740.7	-5947.4
6000	9.6	151737.0	-5912.2	6090	9.8	152238.3	-5906.5	6180	10.0	152747.3	-5917.1
6001	10.0	151737.2	-5942.7	6091	9.2	152240.3	-5919.9	6181	10.0	152749.8	-5919.5
6002	9.9	151743.8	-5904.4	6092	9.6	152245.3	-5921.5	6182	8.0	152751.3	-5927.5
6003	9.9	151743.8	-5924.9	6093	10.0	152245.8	-5921.1	6183	9.2	152752.2	-5936.9
6004	9.9	151746.8	-5906.8	6094	10.1	152247.0	-5900.2	6184	10.1	152808.7	-5934.3
6185	10.1	152808.7	-5938.9								
6186	10.1	152815.3	-5902.9								
6187	10.0	152822.7	-5933.9								
6188	10.1	152824.7	-5956.1								
6189	9.2	152827.4	-5957.8								
6190	9.2	152828.7	-5952.7								
6191	9.4	152829.8	-5909.0								
6192	9.6	152843.3	-5903.1								
6193	9.9	152844.2	-5934.9								
6194	9.4	152847.3	-5929.2								
6195	9.9	152853.2	-5934.9								
6196	10.0	152854.2	-5939.3								
6197	9.8	152904.8	-5910.4								
6198	10.0	152907.9	-5957.7								
6199	9.8	152908.4	-5959.7								
6200	9.8	152909.2	-5955.9								
6201	10.0	152909.7	-5947.2								
6202	9.2	152916.2	-5901.9								
6203	9.7	152919.8	-5916.1								
6204	9.2	152933.6	-5957.5								
6205	9.4	152939.1	-5901.5								
6206	6.8	152944.3	-5929.3								
6207	10.0	152955.8	-5902.3								
6208	9.4	152958.2	-5944.9								
6209	10.0	152959.2	-5934.9								
6210	9.8	152959.2	-5950.3								
6211	10.1	153003.9	-5900.1								
6212	9.7	153026.2	-5940.5								
6213	9.5	153027.8	-5957.4								
6214	9.7	153029.8	-5903.5								
6215	9.2	153031.3	-5918.0								
6216	9.3	153033.3	-5926.0								
6217	10.0	153035.7	-5948.7								
6218	9.1	153043.2	-5947.4								
6219	9.8	153058.3	-5905.8								
6220	9.5	153101.3	-5918.9								
6221	9.7	153101.3	-5943.3								
6222	10.0	153112.7	-5935.7								
6223	10.0	153113.8	-5900.0								
6224	9.8	153115.7	-5935.1								
6225	9.8	153117.3	-5913.0								
6226	9.5	153118.8	-5918.5								
6227	9.8	153118.8	-5926.8								
6228	9.3	153128.3	-5958.1								
6229	9.2	153128.7	-5949.5								
6230	9.7	153129.8	-5919.7								
6231	10.0	153133.5	-5931.8								
6232	9.5	153136.2	-5937.9								
6233	10.0	153138.2	-5946.1								
6234	9.4	153139.8	-5926.0								
6235	9.4	153143.4	-5900.3								
6236	10.0	153149.7	-5940.5								
6237	9.8	153154.7	-5949.3								
6238	9.8	153158.3	-5922.1								
6239	10.0	153204.3	-5902.9								
6240	10.0	153220.7	-5933.8								
6241	10.0	153232.8	-5910.1								
6242	9.5	153232.8	-5905.0								
6243	10.1	153245.7	-5936.8								
6244	9.6	153250.8	-5916.7								
6245	10.0	153250.8	-5904.3								
6246	9.1	153309.8	-5912.7								
6247	9.5	153309.8	-5909.0								
6248	9.5	153318.3	-5957.2								
6249	10.1	153318.8	-5910.4								
6250	10.0	153319.7	-5936.3								
6251	10.0	153320.7	-5932.5								
6252	9.2	153326.8	-5915.4								
6253	10.0	153328.3	-5910.3								
6254	9.3	153331.8	-5927.9								
6255	9.9	153332.7	-5952.1								
6256	9.6	153334.2	-5954.1								
6257	7.6	153334.7	-5953.1								
6258	10.0	153337.2	-5932.3								
6259	9.6	153340.2	-5930.6								
6260	9.9	153342.0	-5903.8								
6261	10.1	153346.3	-5901.9								
6262	10.0	153349.8	-5903.4								
6263	10.0	153352.3	-5903.5								
6264	10.1	153357.2	-5940.1								
6265	10.1	153405.3	-5902.7								
6266	10.1	153410.2	-5915.9								
6267	9.8	153413.2	-5939.3								
6268	8.4	153424.2	-5950.2								
6269	8.9	153428.2	-5934.2								
6270	9.8	153428.7	-5943.5								
6271	9.7	153429.2	-5939.3								
6272	9.8	153434.8	-5912.9								
6273	9.7	153434.8	-5924.5								
6274	8.6	153439.8	-5920.9								

-59 6275 15h34m

-59 6634 15h59m

6275	10.1	153440.8	-5958.3	6365	9.2	154027.7	-5942.9	6455	9.9	154638.7	-5941.2
6276	9.9	153448.8	-5906.2	6366	10.1	154030.7	-5953.3	6456	9.7	154639.8	-5906.0
6277	10.1	153450.7	-5938.6	6367	9.7	154045.3	-5913.9	6457	10.0	154640.7	-5942.7
6278	10.1	153457.7	-5958.1	6368	10.1	154106.2	-5930.9	6458	9.8	154658.7	-5955.3
6279	10.1	153500.3	-5907.2	6369	9.7	154107.2	-5944.9	6459	10.0	154703.8	-5914.4
6280	10.0	153509.7	-5937.5	6370	10.0	154108.1	-5901.5	6460	10.0	154705.2	-5937.8
6281	10.1	153511.8	-5912.9	6371	9.0	154108.5	-5933.7	6461	9.2	154706.8	-5907.7
6282	9.6	153512.3	-5917.1	6372	10.0	154109.8	-5929.6	6462	9.6	154709.3	-5908.9
6283	9.8	153513.2	-5946.3	6373	9.4	154115.7	-5940.2	6463	9.7	154709.8	-5900.1
6284	9.7	153515.2	-5932.8	6374	9.4	154119.8	-5912.9	6464	8.4	154712.2	-5949.7
6285	9.2	153515.3	-5902.5	6375	10.1	154122.3	-5903.7	6465	9.8	154712.2	-5945.1
6286	10.0	153516.8	-5901.1	6376	9.6	154132.2	-5943.0	6466	9.8	154720.3	-5903.7
6287	10.1	153524.2	-5959.9	6377	10.0	154132.7	-5951.3	6467	9.8	154729.2	-5959.3
6288	9.6	153524.8	-5911.9	6378	9.5	154136.3	-5927.5	6468	10.1	154730.2	-5938.4
6289	9.0	153525.2	-5943.9	6379	9.4	154138.7	-5951.9	6469	9.2	154731.3	-5905.7
6290	9.7	153527.3	-5919.7	6380	10.1	154141.8	-5921.4	6470	10.1	154732.2	-5939.1
6291	9.8	153531.3	-5920.3	6381	9.6	154146.2	-5938.7	6471	9.0	154732.2	-5934.3
6292	10.1	153538.3	-5911.4	6382	9.8	154148.8	-5911.3	6472	9.4	154733.8	-5908.9
6293	10.0	153543.7	-5947.7	6383	10.1	154151.8	-5910.0	6473	9.3	154735.2	-5945.1
6294	9.5	153553.2	-5944.5	6384	10.0	154155.1	-5900.8	6474	9.0	154738.3	-5929.2
6295	10.1	153558.2	-5951.9	6385	10.0	154156.3	-5914.8	6475	9.7	154738.3	-5908.0
6296	9.7	153559.7	-5959.7	6386	9.6	154157.1	-5900.1	6476	10.1	154740.2	-5945.4
6297	9.1	153606.2	-5952.7	6387	10.1	154158.5	-5937.7	6477	9.8	154744.7	-5949.8
6298	9.7	153611.8	-5915.3	6388	10.1	154159.2	-5955.8	6478	9.8	154744.7	-5937.0
6299	9.6	153625.3	-5912.1	6389	10.1	154159.8	-5915.2	6479	8.8	154754.9	-5902.7
6300	9.6	153634.6	-5901.2	6390	9.8	154204.2	-5954.7	6480	9.6	154804.2	-5943.8
6301	9.2	153638.7	-5949.6	6391	10.1	154204.5	-5938.4	6481	8.4	154805.5	-5908.3
6302	9.8	153640.1	-5901.9	6392	9.4	154207.7	-5942.2	6482	10.0	154808.2	-5938.8
6303	10.0	153645.2	-5944.3	6393	9.4	154218.8	-5912.9	6483	9.2	154808.3	-5918.7
6304	10.0	153646.2	-5933.1	6394	9.1	154220.7	-5943.3	6484	10.1	154811.8	-5925.4
6305	10.1	153646.2	-5938.1	6395	9.8	154244.3	-5911.4	6485	10.1	154814.8	-5929.6
6306	9.0	153648.3	-5902.8	6396	9.8	154249.2	-5955.2	6486	10.1	154815.8	-5909.7
6307	10.1	153650.0	-5913.0	6397	9.7	154254.8	-5912.7	6487	10.1	154820.6	-5948.1
6308	9.8	153659.2	-5942.1	6398	9.8	154256.8	-5907.2	6488	10.1	154820.7	-5953.3
6309	10.0	153659.8	-5922.3	6399	9.6	154259.2	-5955.7	6489	10.1	154824.7	-5951.7
6310	9.7	153708.3	-5916.9	6400	10.0	154301.2	-5933.4	6490	10.1	154829.7	-5932.0
6311	9.7	153713.8	-5921.9	6401	9.8	154302.7	-5931.3	6491	10.1	154832.7	-5948.3
6312	10.1	153717.2	-5951.7	6402	9.8	154305.3	-5911.1	6492	10.1	154852.6	-5959.4
6313	10.1	153719.2	-5946.5	6403	9.7	154309.8	-5905.5	6493	9.7	154856.7	-5934.3
6314	9.0	153721.3	-5901.3	6404	10.0	154310.0	-5900.6	6494	10.0	154858.7	-5946.4
6315	9.9	153724.1	-5901.3	6405	9.8	154310.8	-5909.1	6495	9.6	154859.2	-5941.1
6316	9.7	153726.8	-5905.9	6406	10.1	154318.2	-5939.5	6496	9.6	154859.8	-5926.7
6317	10.1	153730.8	-5902.5	6407	9.7	154319.8	-5924.0	6497	10.0	154900.8	-5910.3
6318	10.0	153739.7	-5939.0	6408	9.9	154324.2	-5939.5	6498	10.0	154903.3	-5900.7
6319	10.1	153743.2	-5955.3	6409	10.1	154325.7	-5937.8	6499	9.8	154916.2	-5938.6
6320	9.6	153744.2	-5945.7	6410	10.1	154329.2	-5943.5	6500	9.5	154916.8	-5912.8
6321	9.6	153745.7	-5938.7	6411	8.9	154335.8	-5914.6	6501	9.9	154917.7	-5933.3
6322	9.8	153754.7	-5950.5	6412	10.1	154343.8	-5919.2	6502	10.0	154918.2	-5951.1
6323	10.1	153755.6	-5900.2	6413	9.3	154345.7	-5943.6	6503	9.6	154918.7	-5945.2
6324	10.1	153759.2	-5933.3	6414	9.2	154353.3	-5929.6	6504	10.1	154927.3	-5919.7
6325	10.0	153801.3	-5900.8	6415	10.0	154353.3	-5919.1	6505	8.8	154933.8	-5920.6
6326	9.4	153807.2	-5943.7	6416	10.0	154354.8	-5905.9	6506	9.4	154935.7	-5932.8
6327	9.9	153807.2	-5930.0	6417	9.9	154400.2	-5949.4	6507	10.0	154936.2	-5937.5
6328	9.8	153807.3	-5901.8	6418	10.1	154402.2	-5928.1	6508	10.0	154938.7	-5930.7
6329	9.8	153816.8	-5912.3	6419	10.1	154414.7	-5931.5	6509	10.0	154943.7	-5944.1
6330	9.5	153824.8	-5914.0	6420	10.0	154420.3	-5909.9	6510	9.1	154946.3	-5924.3
6331	10.1	153830.7	-5953.5	6421	10.0	154429.8	-5910.7	6511	10.1	154948.8	-5916.6
6332	7.2	153831.1	-5958.7	6422	10.1	154430.8	-5910.3	6512	9.2	154953.8	-5921.6
6333	9.7	153831.3	-5925.0	6423	10.1	154432.3	-5911.7	6513	9.1	154953.8	-5928.3
6334	9.8	153832.1	-5956.6	6424	9.7	154433.2	-5940.9	6514	9.6	154955.8	-5919.6
6335	9.6	153832.7	-5952.7	6425	9.7	154442.7	-5959.9	6515	9.5	155000.2	-5950.3
6336	9.6	153835.7	-5959.2	6426	10.1	154454.8	-5917.0	6516	9.9	155002.2	-5952.8
6337	9.7	153839.3	-5900.4	6427	10.1	154459.8	-5920.1	6517	9.3	155013.3	-5914.2
6338	10.0	153846.2	-5934.3	6428	6.5	154504.7	-5948.1	6518	10.0	155015.2	-5944.3
6339	9.0	153846.3	-5928.3	6429	10.1	154515.8	-5906.8	6519	9.5	155019.8	-5928.6
6340	9.6	153846.3	-5908.8	6430	10.0	154520.3	-5911.8	6520	9.8	155020.7	-5945.3
6341	9.3	153852.7	-5935.0	6431	10.1	154520.8	-5909.5	6521	10.0	155020.8	-5917.7
6342	9.9	153852.7	-5944.9	6432	8.9	154525.8	-5912.7	6522	9.4	155023.7	-5930.4
6343	10.0	153901.3	-5925.0	6433	9.5	154525.8	-5919.7	6523	9.6	155024.3	-5903.5
6344	10.1	153901.8	-5918.3	6434	9.0	154531.8	-5959.5	6524	9.8	155025.8	-5910.1
6345	8.7	153909.2	-5945.7	6435	8.0	154534.2	-5941.3	6525	9.6	155026.2	-5937.0
6346	9.8	153912.7	-5940.1	6436	10.0	154534.8	-5906.1	6526	9.0	155028.8	-5922.8
6347	9.4	153918.7	-5939.7	6437	10.1	154538.2	-5940.7	6527	9.6	155029.3	-5901.2
6348	10.1	153928.7	-5959.0	6438	9.3	154539.8	-5910.5	6528	10.0	155031.5	-5900.3
6349	9.8	153937.8	-5903.7	6439	9.8	154539.8	-5915.3	6529	9.6	155035.3	-5925.1
6350	10.1	153942.8	-5904.5	6440	10.0	154540.3	-5914.7	6530	9.9	155038.3	-5926.0
6351	9.8	153945.3	-5926.3	6441	10.1	154558.7	-5938.7	6531	8.8	155042.6	-5901.4
6352	9.7	153947.2	-5952.0	6442	9.8	154603.8	-5904.1	6532	9.6	155049.8	-5917.7
6353	9.7	153947.2	-5958.9	6443	9.6	154609.8	-5910.1	6533	9.2	155057.7	-5953.2
6354	9.6	153956.2	-5950.9	6444	9.4	154609.8	-5915.9	6534	9.8	155059.7	-5956.3
6355	9.8	153956.2	-5933.0	6445	10.1	154610.2	-5955.1	6535	9.7	155105.3	-5900.6
6356	9.2	153959.2	-5932.9	6446	9.2	154612.8	-5900.3	6536	10.1	155111.3	-5902.4
6357	9.6	154001.7	-5934.7	6447	9.8	154613.8	-5905.9	6537	9.6	155112.2	-5909.0
6358	9.2	154003.2	-5949.5	6448	10.1	154614.7	-5935.5	6538	9.6	155116.3	-5928.1
6359	9.6	154008.7	-5943.3	6449	10.1	154618.2	-5936.7	6539	10.1	155126.6	-5959.1
6360	9.7	154010.3	-5924.7	6450	9.0	154618.8	-5919.9	6540	10.1	155130.7	-5953.6
6361	9.6	154021.3	-5916.4	6451	8.8	154618.8	-5909.3	6541	9.6	155133.1	-5957.2
6362	10.0	154021.6	-5900.8	6452	9.5	154627.3	-5911.3	6542	10.0	155133.3	-5929.1
6363	9.7	154021.7	-5948.0	6453	9.1	154636.2	-5939.6	6543	9.9	155136.8	-5926.0
6364	10.1	154023.5	-5935.6	6454	8.6	154637.3	-5903.0	6544	9.7	155137.7	-5935.9
6545	8.9	155138.2	-5946.8								
6546	10.0	155146.7	-5944.6								
6547	9.7	155148.3	-5922.7								
6548	9.7	155149.8	-5922.8								
6549	10.0	155153.2	-5955.5								
6550	9.6	155153.3	-5904.5								
6551	10.0	155159.8	-5921.9								
6552	9.6	155206.7	-5936.9								
6553	9.6	155209.4	-5959.2								
6554	8.9	155216.2	-5940.3								
6555	8.5	155218.7	-5959.0								
6556	9.8	155226.7	-5952.0								
6557	8.8	155226.9	-5958.9								
6558	9.5	155233.6	-5959.4								
6559	9.8	155233.7	-5940.4								
6560	9.5	155237.3	-5901.7								
6561	10.0	155244.5	-5947.6								
6562	9.0	155247.9	-5958.4								
6563	8.8	155256.9	-5959.0								
6564	9.2	155259.2	-5947.3								
6565	9.7	155301.0	-5923.5								
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6568	9.2	155306.7	-5950.6								
6569	9.9	155308.6	-5958.2								
6570	9.8	155312.3	-5914.8								
6571	10.0	155315.2	-5947.8								
6572	10.1	155319.8	-5926.8								
6573	10.1	155320.8	-5923.1								
6574	9.6	155327.3	-5920.7								
6575	9.8	155327.4	-5956.7								
6576	8.4	155331.7	-5951.8								
6577	9.6	155332.6	-5901.4								
6578	9.3	155343.2	-5953.7								
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6580	10.1	155356.2	-5939.3								
6581	9.8	155358.3	-5914.7								
6582	10.1	155403.7	-5934.1								
6583	10.0	155407.3	-5927.3								
6584	9.5	155412.1	-5954.5								
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6586	8.9	155413.4	-5910.3								
6587	10.0	155418.2	-5937.0								
6588	9.9	155418.2	-5944.7								
6589	10.1	155423.8	-5914.7								
6590	9.8	155425.9	-5937.3								
6591	10.1	155429.2	-5938.7								
6592	9.8	155429.8	-5920.6								
6593	10.0	155436.7	-5949.6								
6594	10.0	155450.2	-5944.8								
6595	9.8	155458.4	-5957.1								
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6597	9.2	155508.0	-5906.8								
6598	10.0	155513.5	-5956.5								
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6601	9.3	155535.0	-5920.7								
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6603	9.6	155609.0	-5932.7								
6604	9.8	155632.0	-5945.0								
6605	9.0	155635.0	-5910.5								
6606	10.0	155637.5	-5934.1								
6607	8.6	155639.5	-5946.9								
6608	8.8	155648.0	-5944.9								
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6615	9.0	155713.5	-5901.9								
6616	10.0	155720.7	-5950.4								
6617	9.4	155738.5	-5944.4								
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6621	10.0	155818.5	-5947.6								
6622	9.6	155840.0	-5958.3								
6623	10.0	155904.0	-5936.1								
6624	9.0	155904.0	-5957.1								
6625	9.6	155912.0	-5912.1								
6626	10.0	155912.0	-5915.5								
6627	9.0	155919.5	-5945.0								
6628	9.2	155922.0	-5936.4								
6629	9.6	155925.5	-5945.1								
6630	9.6	155930.0	-5939.1								
6631	9.6	155933.7	-5915.6								
6632	9.6	155940.5	-5939.1								
6633	10.0	155947.0	-5911.1								
6634	9.6	155956.3	-5902.1								

-59 6635 16h00m

-59 6994 17h13m

6635	10.0	160002.5	-5906.1	6725	10.0	161421.5	-5918.0	6815	9.6	163343.0	-5958.7	6905	9.2	165758.5	-5907.0
6636	8.8	160008.5	-5928.1	6726	9.0	161427.0	-5911.0	6816	9.6	163345.0	-5919.1	6906	9.4	165806.5	-5942.7
6637	10.0	160027.0	-5917.3	6727	9.2	161439.5	-5942.8	6817	9.8	163346.0	-5925.9	6907	7.7	165811.0	-5938.7
6638	10.0	160032.0	-5933.1	6728	9.6	161442.5	-5946.3	6818	9.6	163410.0	-5912.4	6908	9.4	165925.5	-5924.3
6639	9.2	160035.5	-5932.2	6729	9.1	161454.0	-5908.2	6819	9.6	163428.0	-5959.2	6909	8.0	165941.0	-5923.8
6640	8.5	160044.0	-5913.9	6730	9.6	161519.0	-5907.9	6820	9.7	163459.5	-5952.3	6910	9.4	165943.0	-5954.0
6641	9.4	160051.5	-5908.3	6731	9.8	161520.0	-5943.9	6821	9.4	163521.0	-5916.4	6911	9.0	165945.5	-5953.1
6642	10.0	160106.0	-5906.1	6732	9.0	161522.5	-5926.0	6822	9.0	163548.5	-5958.8	6912	9.8	165953.0	-5906.2
6643	10.0	160113.7	-5940.6	6733	10.0	161533.0	-5908.8	6823	9.7	163616.5	-5941.1	6913	8.9	170010.5	-5935.0
6644	8.6	160115.5	-5905.6	6734	9.8	161552.0	-5952.1	6824	8.8	163622.5	-5932.1	6914	9.6	170016.0	-5955.4
6645	9.5	160123.5	-5939.8	6735	8.0	161558.0	-5928.7	6825	7.8	163632.5	-5926.1	6915	9.4	170032.5	-5933.5
6646	9.6	160131.5	-5908.5	6736	10.0	161600.2	-5959.8	6826	9.7	163643.0	-5946.6	6916	9.5	170039.5	-5919.0
6647	10.0	160132.7	-5931.4	6737	8.5	161603.5	-5929.2	6827	9.7	163646.5	-5927.7	6917	9.6	170047.2	-5908.9
6648	9.1	160135.0	-5940.5	6738	8.6	161611.0	-5927.0	6828	8.8	163656.0	-5940.1	6918	8.3	170047.5	-5900.5
6649	9.5	160148.5	-5906.9	6739	7.8	161612.5	-5928.4	6829	9.4	163709.5	-5951.9	6919	9.4	170052.2	-5935.2
6650	10.0	160208.0	-5944.4	6740	8.8	161613.5	-5917.8	6830	9.7	163727.0	-5908.9	6920	9.6	170134.8	-5958.9
6651	9.6	160216.5	-5908.7	6741	8.2	161626.5	-5912.7	6831	8.6	163738.0	-5908.7	6921	9.3	170151.5	-5905.3
6652	8.6	160233.5	-5942.3	6742	10.0	161700.0	-5921.6	6832	9.6	163740.0	-5906.0	6922	8.6	170233.0	-5925.5
6653	10.0	160304.5	-5906.9	6743	10.0	161708.0	-5933.6	6833	9.0	163752.0	-5946.3	6923	9.0	170255.0	-5908.9
6654	10.0	160308.0	-5922.9	6744	8.2	161710.0	-5933.6	6834	9.6	163758.0	-5936.7	6924	8.8	170347.0	-5906.6
6655	9.8	160319.0	-5904.2	6745	9.6	161724.5	-5936.5	6835	9.3	163801.0	-5908.2	6925	8.0	170453.5	-5917.1
6656	8.4	160330.0	-5948.9	6746	8.2	161730.0	-5938.6	6836	9.8	163805.0	-5952.4	6926	8.9	170520.5	-5920.5
6657	9.4	160330.0	-5924.8	6747	8.6	161837.5	-5917.9	6837	8.7	163826.5	-5915.7	6927	9.7	170520.7	-5924.2
6658	9.8	160336.0	-5908.6	6748	8.9	161842.0	-5911.6	6838	9.8	163828.5	-5916.1	6928	9.0	170522.9	-5938.4
6659	8.4	160336.0	-5914.1	6749	9.0	161849.0	-5904.7	6839	8.2	163837.5	-5931.5	6929	9.3	170536.4	-5951.7
6660	10.0	160343.7	-5915.1	6750	10.0	161850.5	-5922.6	6840	9.7	163911.5	-5945.0	6930	9.8	170542.9	-5921.2
6661	10.0	160344.5	-5938.7	6751	9.6	161855.5	-5944.0	6841	8.9	163921.5	-5920.1	6931	10.0	170548.9	-5907.1
6662	9.8	160354.0	-5914.3	6752	10.0	161909.0	-5940.5	6842	9.4	163951.0	-5930.0	6932	9.4	170552.3	-5941.6
6663	9.6	160355.0	-5913.1	6753	10.0	161928.0	-5917.0	6843	9.6	164012.5	-5950.3	6933	9.6	170555.3	-5946.6
6664	9.6	160404.5	-5909.6	6754	10.0	161929.5	-5937.3	6844	8.6	164027.0	-5917.8	6934	9.6	170555.8	-5935.8
6665	9.2	160414.5	-5927.5	6755	10.0	161951.0	-5909.9	6845	9.7	164040.0	-5939.8	6935	9.4	170559.9	-5924.4
6666	8.5	160421.5	-5922.1	6756	8.0	161954.5	-5940.3	6846	8.8	164047.5	-5931.1	6936	9.8	170609.4	-5910.7
6667	10.0	160421.7	-5904.5	6757	9.0	161955.0	-5935.4	6847	9.0	164057.0	-5931.4	6937	9.9	170620.3	-5944.7
6668	9.0	160428.5	-5946.5	6758	10.0	162019.0	-5913.7	6848	9.0	164103.5	-5949.7	6938	9.4	170630.9	-5922.9
6669	9.2	160434.5	-5919.5	6759	10.0	162031.0	-5948.6	6849	9.3	164111.0	-5902.9	6939	9.5	170639.3	-5929.9
6670	9.6	160502.0	-5903.3	6760	9.0	162059.0	-5953.9	6850	9.8	164153.0	-5953.6	6940	9.6	170649.3	-5930.6
6671	9.6	160521.0	-5922.5	6761	8.8	162114.0	-5925.0	6851	9.7	164214.0	-5951.0	6941	9.0	170650.9	-5921.1
6672	8.6	160526.5	-5952.3	6762	10.0	162119.0	-5950.2	6852	9.7	164220.5	-5959.0	6942	9.4	170651.3	-5935.1
6673	9.8	160535.0	-5929.5	6763	10.0	162130.0	-5901.0	6853	8.3	164245.5	-5928.9	6943	9.6	170658.9	-5929.3
6674	10.0	160614.5	-5909.3	6764	9.2	162156.5	-5951.8	6854	8.5	164320.0	-5905.6	6944	9.5	170707.4	-5923.0
6675	9.5	160616.0	-5917.1	6765	9.6	162231.5	-5911.0	6855	9.6	164332.0	-5947.5	6945	9.9	170710.8	-5940.6
6676	8.9	160638.0	-5926.9	6766	9.2	162304.0	-5905.1	6856	9.6	164349.3	-5902.0	6946	9.6	170717.3	-5952.3
6677	10.0	160640.0	-5946.5	6767	9.2	162306.7	-5959.2	6857	8.7	164350.0	-5930.8	6947	9.5	170722.3	-5937.4
6678	10.0	160642.0	-5901.1	6768	10.0	162308.0	-5919.7	6858	9.6	164404.2	-5922.0	6948	10.0	170726.9	-5923.6
6679	9.8	160649.0	-5959.8	6769	10.0	162311.0	-5913.0	6859	9.6	164450.0	-5938.5	6949	9.0	170729.9	-5904.8
6680	8.8	160655.0	-5946.3	6770	9.2	162322.0	-5928.0	6860	7.6	164451.0	-5912.5	6950	9.8	170738.3	-5932.5
6681	9.8	160704.5	-5912.8	6771	9.8	162416.5	-5947.9	6861	9.8	164454.2	-5933.2	6951	10.0	170745.3	-5956.8
6682	9.0	160719.0	-5948.9	6772	9.6	162453.5	-5941.9	6862	9.2	164456.0	-5930.0	6952	9.8	170751.3	-5946.6
6683	8.9	160745.5	-5953.1	6773	9.8	162504.7	-5957.5	6863	7.8	164516.5	-5957.3	6953	9.0	170753.3	-5939.3
6684	8.9	160753.0	-5956.1	6774	10.0	162513.5	-5924.9	6864	9.7	164534.2	-5933.4	6954	7.6	170809.3	-5933.3
6685	9.8	160807.0	-5936.7	6775	10.0	162524.0	-5930.0	6865	9.2	164536.5	-5920.7	6955	9.8	170811.3	-5919.2
6686	9.2	160808.5	-5920.1	6776	9.2	162530.0	-5938.1	6866	8.8	164610.5	-5904.4	6956	9.4	170819.2	-5930.1
6687	9.3	160817.0	-5911.0	6777	9.6	162547.0	-5908.0	6867	9.6	164621.2	-5925.0	6957	10.0	170829.7	-5957.6
6688	9.6	160840.5	-5923.7	6778	9.1	162607.0	-5926.9	6868	9.6	164705.0	-5943.0	6958	9.5	170841.7	-5934.1
6689	9.4	160854.5	-5918.5	6779	8.4	162642.3	-5900.2	6869	9.6	164709.0	-5923.2	6959	9.8	170848.3	-5907.6
6690	9.4	160904.0	-5947.5	6780	10.0	162715.5	-5943.1	6870	8.8	164710.7	-5903.0	6960	10.0	170849.7	-5953.7
6691	9.6	160905.5	-5919.1	6781	10.0	162719.0	-5928.9	6871	8.5	164723.0	-5951.3	6961	10.0	170902.7	-5944.8
6692	10.0	160916.0	-5936.1	6782	10.0	162720.0	-5942.3	6872	9.2	164804.5	-5925.7	6962	10.0	170912.2	-5943.8
6693	9.6	160920.0	-5921.5	6783	9.6	162722.5	-5938.7	6873	9.0	164825.5	-5951.1	6963	10.0	170914.2	-5956.9
6694	8.8	160921.5	-5923.1	6784	10.0	162729.5	-5943.6	6874	8.4	164850.5	-5932.3	6964	10.0	170918.7	-5935.8
6695	9.4	160925.5	-5948.0	6785	10.0	162738.5	-5912.1	6875	9.7	164853.0	-5937.2	6965	10.0	170920.8	-5924.2
6696	10.0	160949.0	-5950.7	6786	9.2	162746.0	-5920.9	6876	7.8	164901.5	-5907.9	6966	10.0	170924.7	-5931.9
6697	10.0	161010.0	-5920.0	6787	10.0	162753.0	-5909.2	6877	9.2	164902.0	-5907.5	6967	9.1	170930.2	-5946.8
6698	9.6	161035.0	-5949.0	6788	10.0	162756.5	-5951.4	6878	9.6	164918.0	-5954.1	6968	9.2	170936.8	-5927.2
6699	9.2	161036.0	-5912.4	6789	8.6	162803.5	-5925.6	6879	8.6	164952.5	-5941.1	6969	7.3	170936.8	-5918.3
6700	9.2	161043.0	-5931.0	6790	9.3	162815.5	-5932.9	6880	9.3	164952.5	-5931.1	6970	10.0	170954.8	-5923.7
6701	10.0	161050.0	-5901.6	6791	9.8	162822.0	-5932.7	6881	9.7	165010.0	-5923.9	6971	9.8	170956.2	-5937.4
6702	9.3	161104.5	-5941.8	6792	10.0	162827.0	-5917.9	6882	8.1	165022.5	-5934.0	6972	9.4	171002.7	-5935.9
6703	9.8	161125.5	-5911.7	6793	10.0	162835.3	-5943.2	6883	9.6	165028.2	-5924.1	6973	8.4	171005.8	-5914.2
6704	9.2	161131.7	-5957.7	6794	8.2	162839.5	-5957.9	6884	7.9	165030.0	-5915.4	6974	7.7	171006.2	-5953.0
6705	8.6	161133.5	-5929.6	6795	10.0	162859.5	-5923.9	6885	9.4	165037.5	-5930.6	6975	9.6	171018.3	-5916.9
6706	9.6	161155.5	-5922.6	6796	9.8	162902.5	-5920.1	6886	9.6	165041.5	-5949.4	6976	9.6	171035.8	-5925.8
6707	9.6	161200.0	-5944.6	6797	9.4	162912.7	-5958.0	6887	8.9	165057.5	-5951.7	6977	9.6	171039.3	-5928.6
6708	8.5	161218.0	-5946.9	6798	8.9	162913.0	-5903.8	6888	9.3	165114.5	-5908.4	6978	9.2	171039.5	-5902.4
6709	9.2	161218.2	-5959.2	6799	9.4	162957.0	-5951.8	6889	9.1	165123.5	-5947.1	6979	9.6	171041.8	-5929.7
6710	10.0	161228.0	-5936.0	6800	9.8	163022.0	-5949.3	6890	9.7	165130.2	-5940.1	6980	9.6	171050.3	-5929.5
6711	9.8	161229.0	-5931.3	6801	9.7	163023.0	-5907.0	6891	9.7	165153.2	-5931.8	6981	9.1	171104.2	-5943.8
6712	8.9	161235.5	-5906.0	6802	9.8	163035.5	-5923.4	6892	9.8	165211.2	-5953.5	6982	8.8	171109.2	-5934.5
6713	9.6	161242.5	-5939.0	6803	8.4	163038.8	-5941.7	6893	9.7	165303.2	-5913.4	6983	10.0	171132.8	-5917.4
6714	8.8	161243.0	-5949.1	6804	8.4	163102.2	-5905.2	6894	8.8	165303.5	-5958.5	6984	9.9	171137.7	-5940.3
6715	8.9	161244.5	-5919.0	6805	9.2	163108.0	-5912.2	6895	9.8	165318.5	-5905.6	6985	9.3	171159.7	-5950.5
6716	10.0	161248.0	-5950.3	6806	9.6	163132.0	-5953.3	6896	8.6	165338.5	-5942.0	6986	8.7	171206.7	-5942.2
6717	8.4	161252.5	-5950.2	6807	9.3	163147.0	-5935.2	6897	8.8	165457.5	-5952.5	6987	8.8	171209.8	-5912.2
6718	8.5	161328.0	-5915.8	6808	9.6	163201.5	-5909.1	6898	9.6	165500.2	-5924.1	6988	10.0	171209.8	-5939.8
6719	10.0	161342.2	-5903.0	6809	9.1	163222.0	-5945.2	6899	8.9	165502.0	-5916.6	6989	9.5	171214.8	-5917.1
6720	8.8	161355.5	-5927.2	6810	9.2	163225.5	-5935.3	6900	8.6	165519.5	-5958.2	6990	8.6	171231.3	-5913.7
6721	10.0	161412.5	-5921.0	6811	9.4	163302.0	-5954.5	6901	9.2	165524.5	-5908.5	6991	9.9	171239.2	-5943.7
6722	10.0	161415.0	-5945.1	6812	7.9	163316.0	-5914.0	6902	9.0	165543.5	-5926.8	6992	9.8	171255.7	-5954.3
6723	8.8	161417.5	-5945.8	6813	9.1	163321.5	-5924.9	6903	8.0	165631.0	-5929.6	6993	9.9	171258.2	-5947.3
6724	9.6	161418.0	-5914.4	6814	9.6	163328.0	-5945.8	6904	9.2	165635.0	-5917.3	6994	10.0	171301.7	-5952.1

6995	10.0	171304.8	-5911.2	7085	9.6	172645.5	-5946.8	7175	8.6	174412.8	-5957.1	7265	8.8	181707.9	-5936.3
6996	9.8	171312.7	-5951.1	7086	8.4	172649.1	-5920.9	7176	9.2	174417.5	-5905.9	7266	9.2	181708.4	-5930.7
6997	9.3	171326.3	-5911.6	7087	10.0	172711.5	-5937.5	7177	9.8	174419.5	-5932.7	7267	9.4	181713.0	-5909.0
6998	7.5	171346.6	-5905.5	7088	9.4	172718.0	-5950.6	7178	9.8	174421.5	-5921.3	7268	9.6	181714.0	-5909.5
6999	9.0	171351.6	-5916.4	7089	9.4	172718.5	-5950.8	7179	9.8	174427.5	-5905.0	7269	9.4	181727.4	-5941.5
7000	9.8	171356.0	-5955.5	7090	9.6	172729.1	-5913.9	7180	8.6	174430.0	-5911.3	7270	10.0	181727.4	-5939.7
7001	9.4	171359.6	-5908.3	7091	9.8	172729.5	-5942.3	7181	9.6	174438.5	-5927.3	7271	9.4	181740.7	-5902.2
7002	10.0	171413.5	-5939.8	7092	9.6	172744.7	-5959.6	7182	9.5	174456.5	-5910.4	7272	9.4	181833.0	-5919.4
7003	9.9	171424.1	-5917.6	7093	9.8	172745.6	-5908.0	7183	9.8	174506.0	-5957.1	7273	9.1	181847.5	-5952.1
7004	9.4	171436.1	-5907.1	7094	10.0	172806.6	-5912.1	7184	9.2	174513.5	-5903.0	7274	9.8	181849.9	-5945.6
7005	9.6	171440.6	-5903.2	7095	8.7	172808.5	-5937.8	7185	8.7	174534.5	-5953.2	7275	9.0	181903.2	-5949.1
7006	9.9	171449.6	-5905.5	7096	9.6	172828.5	-5930.1	7186	9.4	174541.0	-5913.3	7276	9.6	181905.5	-5916.7
7007	9.9	171529.5	-5934.6	7097	9.8	172829.5	-5948.2	7187	9.8	174613.5	-5942.5	7277	8.8	181926.5	-5922.0
7008	9.6	171539.6	-5920.7	7098	9.2	172832.5	-5954.7	7188	9.8	174646.0	-5919.8	7278	9.4	181937.0	-5921.0
7009	9.3	171549.6	-5906.8	7099	9.8	172833.0	-5952.9	7189	8.4	174652.5	-5940.6	7279	9.8	181947.5	-5923.0
7010	9.0	171610.0	-5948.4	7100	10.0	172835.5	-5939.3	7190	9.8	174656.0	-5941.7	7280	9.4	181954.5	-5928.1
7011	9.5	171629.0	-5931.7	7101	8.8	172852.1	-5911.2	7191	8.6	174659.0	-5933.3	7281	9.0	182008.6	-5959.9
7012	9.9	171629.6	-5910.5	7102	9.0	172907.5	-5940.0	7192	9.8	174707.0	-5902.1	7282	10.0	182029.4	-5909.6
7013	10.0	171636.1	-5908.7	7103	9.5	172928.1	-5922.8	7193	9.6	174723.0	-5924.9	7283	9.4	182040.4	-5916.4
7014	9.9	171649.6	-5926.1	7104	10.0	172944.5	-5933.0	7194	9.8	174728.5	-5924.3	7284	9.8	182045.4	-5919.7
7015	9.2	171657.0	-5935.0	7105	9.2	172952.6	-5929.8	7195	9.6	174803.0	-5937.2	7285	7.4	182049.3	-5938.5
7016	10.0	171659.1	-5919.3	7106	8.1	173004.5	-5950.1	7196	9.8	174811.0	-5927.0	7286	9.2	182059.4	-5905.8
7017	10.0	171702.6	-5921.2	7107	9.2	173011.0	-5955.8	7197	9.8	174832.5	-5957.9	7287	9.1	182100.8	-5932.5
7018	9.8	171706.0	-5938.8	7108	9.2	173027.5	-5958.0	7198	9.4	174846.5	-5952.9	7288	9.8	182142.3	-5959.0
7019	9.5	171718.0	-5938.6	7109	9.6	173030.1	-5923.7	7199	9.8	174852.0	-5928.4	7289	10.0	182147.3	-5959.6
7020	10.0	171718.0	-5949.7	7110	10.0	173100.0	-5932.0	7200	9.0	174903.5	-5947.3	7290	9.8	182155.9	-5913.3
7021	9.9	171732.1	-5918.1	7111	10.0	173129.1	-5923.6	7201	9.8	174915.5	-5957.5	7291	9.0	182200.3	-5941.1
7022	10.0	171746.6	-5913.6	7112	9.9	173155.6	-5911.5	7202	9.6	174924.5	-5909.3	7292	10.0	182208.3	-5958.0
7023	9.8	171808.0	-5953.2	7113	10.0	173203.6	-5908.6	7203	9.8	174932.0	-5909.8	7293	9.4	182212.8	-5949.6
7024	9.9	171809.6	-5909.3	7114	10.0	173209.0	-5947.5	7204	9.5	175022.5	-5923.0	7294	10.0	182213.1	-5958.9
7025	9.8	171813.5	-5930.1	7115	9.6	173209.5	-5932.3	7205	8.4	175027.0	-5955.1	7295	10.0	182331.4	-5900.9
7026	9.5	171814.5	-5956.6	7116	9.8	173217.1	-5928.1	7206	9.6	175041.5	-5907.1	7296	10.0	182341.4	-5913.1
7027	9.8	171819.0	-5950.3	7117	9.9	173218.1	-5928.6	7207	9.8	175143.0	-5916.0	7297	9.2	182351.9	-5928.1
7028	9.6	171820.0	-5947.5	7118	8.9	173219.5	-5942.0	7208	9.8	175157.2	-5952.5	7298	9.4	182353.9	-5927.8
7029	9.8	171820.6	-5919.9	7119	9.2	173253.5	-5931.2	7209	9.2	175202.0	-5946.4	7299	10.0	182409.8	-5946.4
7030	9.6	171822.0	-5931.1	7120	10.0	173311.4	-5957.9	7210	9.8	175300.5	-5908.7	7300	9.4	182412.7	-5902.8
7031	8.7	171832.0	-5940.8	7121	9.6	173318.3	-5947.5	7211	9.0	175301.5	-5914.1	7301	9.3	182428.9	-5912.0
7032	10.0	171835.5	-5952.8	7122	9.6	173322.3	-5901.9	7212	9.8	175306.0	-5929.4	7302	9.4	182429.3	-5932.1
7033	9.9	171850.0	-5934.8	7123	8.4	173328.9	-5927.0	7213	9.8	175312.5	-5926.1	7303	9.6	182434.4	-5913.8
7034	9.8	171902.6	-5911.8	7124	10.0	173343.8	-5957.6	7214	8.2	175314.0	-5952.1	7304	9.4	182438.3	-5936.4
7035	9.8	171926.6	-5901.9	7125	10.0	173357.9	-5924.5	7215	8.2	175322.5	-5910.4	7305	8.4	182444.8	-5937.5
7036	9.9	171932.3	-5931.2	7126	10.0	173401.9	-5906.9	7216	9.5	175323.5	-5945.4	7306	9.2	182449.3	-5954.8
7037	10.0	171937.9	-5914.0	7127	8.4	173423.3	-5937.2	7217	9.8	175331.0	-5948.9	7307	10.0	182512.4	-5922.0
7038	10.0	171938.8	-5932.5	7128	9.6	173439.9	-5917.6	7218	7.2	175341.0	-5912.3	7308	9.6	182519.3	-5938.9
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7040	10.0	171952.7	-5922.5	7130	9.9	173500.3	-5952.7	7220	9.5	175425.0	-5956.1	7310	8.3	182526.4	-5925.3
7041	9.6	171955.8	-5955.4	7131	9.9	173505.9	-5916.8	7221	9.8	175513.5	-5925.9	7311	9.4	182526.8	-5948.2
7042	9.8	172008.9	-5926.2	7132	9.1	173508.3	-5937.2	7222	9.1	175607.0	-5936.9	7312	9.3	182528.3	-5941.3
7043	9.5	172009.4	-5917.1	7133	9.8	173509.9	-5917.6	7223	9.6	175612.5	-5935.0	7313	9.6	182546.3	-5950.7
7044	9.4	172011.9	-5915.2	7134	9.8	173530.8	-5932.7	7224	9.8	175653.5	-5950.2	7314	9.0	182550.4	-5916.6
7045	10.0	172020.7	-5926.6	7135	10.0	173545.3	-5950.9	7225	8.8	175717.0	-5907.5	7315	9.8	182607.6	-5930.2
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7047	10.0	172024.4	-5920.8	7137	9.1	173555.3	-5956.2	7227	8.5	175737.0	-5915.7	7317	10.0	182707.9	-5924.2
7048	10.0	172030.4	-5905.6	7138	9.8	173558.3	-5938.2	7228	8.8	175746.3	-5900.6	7318	9.8	182707.9	-5919.1
7049	9.8	172032.3	-5931.3	7139	8.7	173601.9	-5906.3	7229	9.8	175802.8	-5902.8	7319	9.8	182738.3	-5954.1
7050	9.9	172048.9	-5904.2	7140	9.4	173602.3	-5900.8	7230	8.2	175854.0	-5954.5	7320	9.4	182739.3	-5936.0
7051	9.4	172052.4	-5911.1	7141	9.9	173608.9	-5920.8	7231	7.8	175856.0	-5903.3	7321	8.8	182747.3	-5941.4
7052	9.8	172104.8	-5933.5	7142	9.9	173625.9	-5920.8	7232	8.8	175916.5	-5919.4	7322	9.8	182754.7	-5928.3
7053	9.4	172122.4	-5921.7	7143	8.8	173627.3	-5916.4	7233	9.0	175918.8	-5901.1	7323	9.8	182804.6	-5946.2
7054	9.5	172133.3	-5939.0	7144	9.8	173631.0	-5958.5	7234	9.8	180014.2	-5946.0	7324	10.0	182812.6	-5944.2
7055	9.4	172137.3	-5931.8	7145	8.8	173631.8	-5937.6	7235	9.4	180043.0	-5923.2	7325	8.0	182816.2	-5913.3
7056	9.9	172148.4	-5904.0	7146	9.4	173646.9	-5904.8	7236	7.9	180047.8	-5900.3	7326	9.6	182837.2	-5904.9
7057	9.9	172149.4	-5921.1	7147	9.6	173647.9	-5918.7	7237	8.6	180213.5	-5932.4	7327	9.4	182837.2	-5904.5
7058	9.4	172200.4	-5909.1	7148	10.0	173650.8	-5932.6	7238	9.8	180217.5	-5906.4	7328	8.5	182846.2	-5924.2
7059	9.5	172216.9	-5928.5	7149	10.0	173651.9	-5907.4	7239	9.8	180229.0	-5910.8	7329	9.6	182848.2	-5915.9
7060	9.4	172236.3	-5930.2	7150	8.6	173657.9	-5923.7	7240	9.8	180302.5	-5925.0	7330	9.8	182857.2	-5924.4
7061	9.4	172240.4	-5914.9	7151	9.3	173710.9	-5912.7	7241	9.8	180408.0	-5955.2	7331	8.8	182919.6	-5950.0
7062	9.8	172253.8	-5933.1	7152	10.0	173718.9	-5929.4	7242	9.5	180448.0	-5943.0	7332	9.0	182957.3	-5901.5
7063	8.0	172258.8	-5940.1	7153	7.9	173751.9	-5920.1	7243	7.9	180523.0	-5925.9	7333	10.0	182958.5	-5934.9
7064	10.0	172319.9	-5916.8	7154	9.8	173810.8	-5931.2	7244	7.0	180538.0	-5935.8	7334	9.8	183000.1	-5958.5
7065	9.4	172320.8	-5938.9	7155	10.0	173819.3	-5950.0	7245	9.8	180550.5	-5932.1	7335	10.0	183005.2	-5923.1
7066	10.0	172344.4	-5921.4	7156	9.8	173828.3	-5944.7	7246	9.8	180600.0	-5910.4	7336	8.8	183047.1	-5932.2
7067	9.0	172347.8	-5942.2	7157	10.0	173851.3	-5948.7	7247	9.8	180633.0	-5919.5	7337	9.1	183052.1	-5901.0
7068	10.0	172403.4	-5909.3	7158	9.4	173926.3	-5947.7	7248	9.2	180640.0	-5945.6	7338	10.0	183056.7	-5957.4
7069	9.8	172418.3	-5934.7	7159	9.6	173952.9	-5921.3	7249	8.8	180709.0	-5955.6	7339	10.0	183138.2	-5915.9
7070	9.6	172419.4	-5911.6	7160	9.6	173953.5	-5912.2	7250	9.2	180824.0	-5916.3	7340	10.0	183140.1	-5939.5
7071	6.2	172426.3	-5945.3	7161	9.6	174027.5	-5920.3	7251	9.8	180825.0	-5951.1	7341	9.6	183154.1	-5931.8
7072	9.8	172437.4	-5927.2	7162	9.8	174029.1	-5947.9	7252	9.8	180832.0	-5917.2	7342	9.8	183200.2	-5928.9
7073	9.6	172451.8	-5950.9	7163	8.9	174103.6	-5908.7	7253	9.4	180844.0	-5925.6	7343	8.8	183201.1	-5933.0
7074	10.0	172458.3	-5936.8	7164	10.0	174112.9	-5913.9	7254	9.8	180901.0	-5951.6	7344	9.8	183203.6	-5948.2
7075	9.4	172509.4	-5925.2	7165	9.8	174157.4	-5955.7	7255	8.2	180911.0	-5921.3	7345	9.8	183253.6	-5950.9
7076	9.9	172518.8	-5934.8	7166	9.8	174214.4	-5951.7	7256	6.2	180930.5	-5953.2	7346	9.2	183307.6	-5902.2
7077	10.0	172523.4	-5928.7	7167	8.2	174224.1	-5940.2	7257	9.6	180933.0	-5926.9	7347	9.4	183309.2	-5942.4
7078	9.5	172530.4	-5923.1	7168	9.8	174227.1	-5957.6	7258	8.8	181108.0	-5936.8	7348	8.4	183312.3	-5905.9
7079	9.6	172534.1	-5918.6	7169	10.0	174248.3	-5921.6	7259	9.8	181124.5	-5905.4	7349	9.6	183318.8	-5907.0
7080	9.6	172548.1	-5919.2	7170	9.6	174309.1	-5901.2	7260	6.7	181314.0	-5940.4	7350	10.0	183319.2	-5948.4
7081	9.6	172549.0	-5939.8	7171	10.0	174322.7	-5950.4	7261	9.8	181621.5	-5931.2	7351	9.4	183322.8	-5928.9
7082	9.3	172553.1	-5926.4	7172	9.8	174338.6	-5931.0	7262	9.8	181622.0	-5932.9	7352	8.2	183340.8	-5921.6
7083	9.3	172617.7	-5956.9	7173	8.8	174345.1	-5941.7	7263	9.8	181635.5	-5905.2	7353	8.8	183358.7	-5947.0
7084	9.6	172632.1	-5917.7	7174	9.8	174409.0	-5925.9	7264	9.6	181704.5	-5907.7	7354	9.8	183415.8	-5919.5

7355	9.6	183421.8	-5921.8	7445	9.1	185605.8	-5900.1	7535	9.1	194013.5	-5928.5	7625	9.4	202642.0	-5925.7
7356	10.0	183429.8	-5909.2	7446	9.4	185656.2	-5900.1	7536	9.6	194053.5	-5949.5	7626	9.0	202910.5	-5956.4
7357	9.3	183444.3	-5921.9	7447	9.4	185702.4	-5928.9	7537	10.0	194102.5	-5908.1	7627	9.7	202945.0	-5931.0
7358	9.6	183509.8	-5908.9	7448	9.2	185747.2	-5934.1	7538	10.0	194113.0	-5931.1	7628	8.9	203037.0	-5946.8
7359	8.8	183530.8	-5913.8	7449	9.4	185747.5	-5945.9	7539	9.1	194151.5	-5928.9	7629	8.9	203053.5	-5937.6
7360	9.8	183609.8	-5922.6	7450	7.8	185752.2	-5931.2	7540	9.5	194200.5	-5904.5	7630	9.6	203130.0	-5937.4
7361	9.4	183629.2	-5935.4	7451	9.6	185832.5	-5907.9	7541	9.6	194302.8	-5901.1	7631	9.0	203146.0	-5953.0
7362	9.6	183629.7	-5942.8	7452	9.6	185843.5	-5944.3	7542	10.0	194401.0	-5913.7	7632	9.0	203154.0	-5926.8
7363	9.6	183643.7	-5935.9	7453	8.8	185912.5	-5944.4	7543	10.0	194431.5	-5937.5	7633	9.2	203254.0	-5904.8
7364	9.3	183649.3	-5925.0	7454	9.2	185916.0	-5955.0	7544	9.2	194439.5	-5930.9	7634	9.7	203324.0	-5957.0
7365	9.6	183704.4	-5904.6	7455	9.2	185922.0	-5956.8	7545	9.2	194452.5	-5943.5	7635	9.0	203628.5	-5923.0
7366	10.0	183711.8	-5938.7	7456	9.4	185958.8	-5901.6	7546	10.0	194518.5	-5904.2	7636	9.7	203734.0	-5957.1
7367	10.0	183722.4	-5926.6	7457	9.0	190008.5	-5944.4	7547	9.9	194549.5	-5916.9	7637	9.4	203743.0	-5914.0
7368	9.8	183741.8	-5943.0	7458	9.4	190121.5	-5951.0	7548	9.8	194611.5	-5909.5	7638	9.6	203756.5	-5913.0
7369	9.6	183746.9	-5907.8	7459	9.6	190134.0	-5941.0	7549	10.0	194625.5	-5936.7	7639	9.7	203842.0	-5925.4
7370	9.8	183806.8	-5936.8	7460	8.8	190144.5	-5906.2	7550	5.7	194635.5	-5913.7	7640	8.0	203852.0	-5941.4
7371	8.4	183821.3	-5933.2	7461	8.4	190156.0	-5953.4	7551	9.6	194650.5	-5911.1	7641	9.7	203914.0	-5930.9
7372	10.0	183823.9	-5907.5	7462	9.6	190210.5	-5903.4	7552	8.4	194714.0	-5951.2	7642	9.2	204013.0	-5914.1
7373	7.8	183833.9	-5904.9	7463	9.2	190253.5	-5940.9	7553	9.2	194737.5	-5917.4	7643	9.6	204033.8	-5939.0
7374	9.4	183838.8	-5954.3	7464	9.2	190335.5	-5950.3	7554	9.9	194755.5	-5907.6	7644	9.1	204039.7	-5923.0
7375	9.0	183844.3	-5944.0	7465	9.2	190416.5	-5913.9	7555	9.6	194810.0	-5913.1	7645	9.8	204209.0	-5927.4
7376	8.6	183858.8	-5933.0	7466	9.2	190515.5	-5955.8	7556	10.0	194830.5	-5918.9	7646	9.3	204320.7	-5904.7
7377	9.8	183859.9	-5911.9	7467	9.6	190607.5	-5915.4	7557	9.1	194842.0	-5955.5	7647	9.0	204330.0	-5939.8
7378	9.8	183914.8	-5943.6	7468	9.6	190702.0	-5926.2	7558	8.7	194851.0	-5908.3	7648	9.8	204426.0	-5946.8
7379	9.3	183919.9	-5924.3	7469	7.8	190731.5	-5905.4	7559	9.0	194852.0	-5923.4	7649	9.6	204445.2	-5944.2
7380	9.6	183932.9	-5914.5	7470	9.4	190821.0	-5943.4	7560	9.6	194957.5	-5925.1	7650	9.8	204508.5	-5952.4
7381	8.6	183939.4	-5909.9	7471	8.2	190850.0	-5935.4	7561	9.9	195006.0	-5947.3	7651	9.8	204631.0	-5941.6
7382	9.8	183946.4	-5922.9	7472	9.2	190859.0	-5922.6	7562	10.0	195021.0	-5953.6	7652	8.4	204634.0	-5944.6
7383	9.8	183950.3	-5941.5	7473	8.6	190940.0	-5952.0	7563	9.9	195040.0	-5905.1	7653	9.0	204717.0	-5931.2
7384	9.8	184018.9	-5919.8	7474	9.2	190940.5	-5902.9	7564	7.0	195111.0	-5942.8	7654	8.4	204721.5	-5952.4
7385	9.3	184042.8	-5948.4	7475	9.2	191026.0	-5925.4	7565	8.3	195122.0	-5947.1	7655	9.4	204722.0	-5912.9
7386	9.6	184052.9	-5922.7	7476	9.0	191259.0	-5947.5	7566	8.6	195133.5	-5913.1	7656	9.6	204723.0	-5902.0
7387	9.2	184052.9	-5923.6	7477	9.2	191304.0	-5928.5	7567	9.6	195210.5	-5956.9	7657	8.5	204732.0	-5932.9
7388	9.4	184109.9	-5901.4	7478	9.2	191310.0	-5943.5	7568	9.0	195319.0	-5920.9	7658	9.4	204831.0	-5924.4
7389	9.1	184119.9	-5902.1	7479	9.4	191417.0	-5906.8	7569	10.0	195337.5	-5951.1	7659	8.7	204847.5	-5906.8
7390	9.8	184126.0	-5957.7	7480	9.6	191434.5	-5908.1	7570	9.9	195435.5	-5912.3	7660	8.6	204943.5	-5920.2
7391	8.8	184127.4	-5905.2	7481	9.6	191652.0	-5948.1	7571	8.7	195447.5	-5953.3	7661	9.8	205035.0	-5910.8
7392	9.8	184200.8	-5937.8	7482	9.4	191817.5	-5951.1	7572	9.0	195509.0	-5934.8	7662	8.9	205115.0	-5913.0
7393	9.1	184225.4	-5911.8	7483	9.6	191949.0	-5915.0	7573	9.2	195556.0	-5911.1	7663	9.5	205205.5	-5937.0
7394	8.8	184227.3	-5940.0	7484	7.3	191953.5	-5928.3	7574	9.5	195619.0	-5903.7	7664	9.8	205402.2	-5935.7
7395	10.0	184252.9	-5929.7	7485	9.6	192013.0	-5903.1	7575	9.8	195650.0	-5906.1	7665	9.6	205431.2	-5902.4
7396	9.8	184301.8	-5949.0	7486	9.0	192046.0	-5929.9	7576	9.4	195705.5	-5940.1	7666	8.9	205435.5	-5905.7
7397	8.4	184319.4	-5914.3	7487	9.4	192118.0	-5910.1	7577	9.6	195718.5	-5943.0	7667	7.4	205451.5	-5925.2
7398	9.4	184409.9	-5920.6	7488	8.8	192213.0	-5923.1	7578	9.6	195752.0	-5919.9	7668	8.8	205459.5	-5947.0
7399	9.8	184418.3	-5942.2	7489	8.8	192215.0	-5953.8	7579	9.6	195757.5	-5955.3	7669	9.8	205514.2	-5900.1
7400	9.4	184423.9	-5901.9	7490	9.0	192242.5	-5907.7	7580	9.6	195807.5	-5946.1	7670	9.3	205547.0	-5937.8
7401	9.8	184439.9	-5917.0	7491	9.0	192337.0	-5915.1	7581	9.9	195823.5	-5930.1	7671	9.2	205701.0	-5941.7
7402	9.4	184450.8	-5951.9	7492	9.6	192416.0	-5939.5	7582	9.1	195851.0	-5904.0	7672	9.3	205729.5	-5932.8
7403	8.2	184455.3	-5938.1	7493	9.2	192445.0	-5904.5	7583	8.7	195854.0	-5921.4	7673	9.8	205826.0	-5920.0
7404	10.0	184506.9	-5912.7	7494	10.0	192805.0	-5916.3	7584	10.0	195905.0	-5903.1	7674	9.7	205829.2	-5903.1
7405	9.8	184511.9	-5921.3	7495	9.0	192812.8	-5936.9	7585	10.0	195925.5	-5911.1	7675	9.2	205848.0	-5931.2
7406	9.6	184609.7	-5937.1	7496	9.4	192844.4	-5901.9	7586	9.8	195946.3	-5901.8	7676	9.7	210016.0	-5922.6
7407	9.2	184648.9	-5909.8	7497	9.8	192945.5	-5927.9	7587	9.4	200015.0	-5934.1	7677	7.3	210042.5	-5954.7
7408	9.6	184657.4	-5903.4	7498	9.5	193014.0	-5913.1	7588	10.0	200118.5	-5928.7	7678	9.1	210222.0	-5946.0
7409	9.8	184753.8	-5900.6	7499	9.1	193028.4	-5901.6	7589	10.0	200133.0	-5957.0	7679	9.4	210320.0	-5949.9
7410	10.0	184802.0	-5958.4	7500	9.2	193035.8	-5908.1	7590	9.9	200216.5	-5927.1	7680	9.3	210412.5	-5959.5
7411	9.6	184831.4	-5916.4	7501	8.8	193119.5	-5944.2	7591	8.4	200238.5	-5908.9	7681	8.6	210444.8	-5902.0
7412	8.8	184833.9	-5903.8	7502	9.8	193120.0	-5906.2	7592	9.9	200332.0	-5927.1	7682	8.3	210520.0	-5949.4
7413	9.6	184835.8	-5934.3	7503	9.1	193121.0	-5941.7	7593	9.9	200341.5	-5928.9	7683	8.0	210542.5	-5926.4
7414	10.0	184839.3	-5931.9	7504	9.9	193124.0	-5922.1	7594	9.9	200405.0	-5949.7	7684	9.7	210631.2	-5904.0
7415	9.0	184847.4	-5902.8	7505	8.1	193151.5	-5917.3	7595	9.5	200427.5	-5910.4	7685	9.1	210635.8	-5901.4
7416	10.0	184848.9	-5910.0	7506	9.8	193221.5	-5911.5	7596	10.0	200432.0	-5905.1	7686	8.6	210657.5	-5917.1
7417	10.0	184849.9	-5902.5	7507	9.2	193238.5	-5919.1	7597	9.9	200452.0	-5948.0	7687	9.3	210702.0	-5952.4
7418	9.8	184851.9	-5911.0	7508	9.4	193238.5	-5918.3	7598	9.1	200608.5	-5903.3	7688	8.7	210734.0	-5906.0
7419	9.4	184900.3	-5948.9	7509	10.0	193241.5	-5917.1	7599	8.8	200619.3	-5929.4	7689	8.6	210932.0	-5919.9
7420	9.6	184933.3	-5948.7	7510	9.4	193245.0	-5904.0	7600	10.0	200632.0	-5909.8	7690	9.8	211044.5	-5939.6
7421	8.8	184945.8	-5938.0	7511	10.0	193300.0	-5912.1	7601	8.8	200641.6	-5902.0	7691	8.4	211055.0	-5944.9
7422	8.2	185012.9	-5903.5	7512	10.0	193324.0	-5956.2	7602	9.9	200652.5	-5914.8	7692	8.5	211145.0	-5903.6
7423	9.4	185031.4	-5905.6	7513	10.0	193331.5	-5956.0	7603	9.0	201002.7	-5908.9	7693	9.2	211346.0	-5944.0
7424	9.6	185059.0	-5929.0	7514	9.6	193358.5	-5954.3	7604	7.8	201023.0	-5907.0	7694	9.4	211422.0	-5949.7
7425	8.8	185223.8	-5956.7	7515	10.0	193401.5	-5904.1	7605	8.2	201036.0	-5925.2	7695	9.0	211453.5	-5913.4
7426	10.0	185233.3	-5934.6	7516	9.6	193405.5	-5959.7	7606	8.8	201204.0	-5946.8	7696	8.7	211600.3	-5928.2
7427	9.8	185240.8	-5957.2	7517	9.9	193411.0	-5910.3	7607	9.6	201221.0	-5914.0	7697	10.0	211633.0	-5947.7
7428	9.6	185251.4	-5905.9	7518	9.1	193424.5	-5915.2	7608	9.7	201232.0	-5905.8	7698	7.8	211822.0	-5954.2
7429	9.6	185259.8	-5957.2	7519	8.2	193511.5	-5953.3	7609	8.4	201240.0	-5953.4	7699	10.0	211851.5	-5922.9
7430	9.4	185300.2	-5921.2	7520	10.0	193521.5	-5931.7	7610	9.4	201306.5	-5918.0	7700	9.5	211857.0	-5917.9
7431	8.0	185302.8	-5955.0	7521	9.5	193528.5	-5917.6	7611	9.4	201327.5	-5944.0	7701	9.8	211957.5	-5921.1
7432	9.2	185318.3	-5926.4	7522	9.8	193528.5	-5919.8	7612	9.6	201410.5	-5951.0	7702	10.0	212046.5	-5928.6
7433	9.8	185328.4	-5921.3	7523	9.9	193540.5	-5916.5	7613	9.6	201415.5	-5914.6	7703	10.0	212049.5	-5947.4
7434	9.1	185330.8	-5911.2	7524	9.9	193541.5	-5916.3	7614	9.7	201442.0	-5910.1	7704	8.7	212149.0	-5957.2
7435	9.3	185339.4	-5928.7	7525	9.8	193551.0	-5925.1	7615	9.0	201649.0	-5938.2	7705	8.2	212239.0	-5917.8
7436	10.0	185341.8	-5949.9	7526	10.0	193555.0	-5952.9	7616	9.6	201723.0	-5902.0	7706	8.8	212243.5	-5921.7
7437	10.0	185427.4	-5911.1	7527	9.9	193631.0	-5935.1	7617	9.4	201732.3	-5902.2	7707	9.8	212246.5	-5925.6
7438	9.4	185432.3	-5944.1	7528	9.4	193719.8	-5902.2	7618	8.0	201938.0	-5911.0	7708	8.7	212251.5	-5930.9
7439	9.4	185438.3	-5945.1	7529	9.6	193740.5	-5949.3	7619	8.4	202303.0	-5903.6	7709	10.1	212333.0	-5936.9
7440	10.0	185448.4	-5907.3	7530	10.0	193850.5	-5922.2	7620	9.6	202325.5	-5938.6	7710	10.0	212347.0	-5959.1
7441	9.1	185519.1	-5949.1	7531	9.2	193917.0	-5934.1	7621	9.7	202339.5	-5904.6	7711	9.0	212359.0	-5935.8
7442	10.0	185524.4	-5928.5	7532	7.3	193925.5	-5934.2	7622	8.6	202522.5	-5930.0	7712	9.4	212425.0	-5943.3
7443	9.8	185537.8	-5932.2	7533	9.9	193957.5	-5955.9	7623	9.7	202527.0	-5915.5	7713	8.2	212517.0	-5943.0
7444	10.0	185550.4	-5910.9	7534	5.9	194008.0	-5930.1	7624	9.2	202611.5	-5900.0	7714	10.0	212521.5	-5910.2

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7715	9.6	212543.0	-5903.2
7716	9.6	212630.0	-5956.6
7717	10.0	212638.5	-5916.5
7718	10.1	212735.3	-5901.9
7719	9.2	212912.5	-5922.2
7720	9.2	212953.5	-5933.7
7721	9.3	213013.0	-5948.1
7722	9.8	213023.0	-5901.1
7723	10.0	213219.5	-5940.0
7724	8.9	213242.5	-5923.7
7725	10.1	213256.5	-5910.6
7726	9.3	213348.5	-5935.2
7727	8.6	213647.5	-5943.0
7728	10.0	213701.5	-5937.0
7729	10.1	213722.0	-5949.0
7730	10.1	213728.5	-5911.0
7731	9.2	213811.5	-5917.0
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7733	10.1	213820.5	-5925.8
7734	8.8	213912.5	-5956.2
7735	10.0	214201.5	-5925.1
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7737	10.1	214420.5	-5913.3
7738	10.0	214501.5	-5929.0
7739	9.8	214506.0	-5915.4
7740	9.2	214543.0	-5923.9
7741	9.4	214722.5	-5935.8
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7743	10.1	214727.0	-5956.2
7744	7.0	214939.0	-5936.5
7745	8.7	215101.5	-5942.4
7746	9.5	215215.5	-5955.5
7747	9.6	215219.5	-5904.1
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7749	9.6	215257.8	-5917.7
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7751	9.6	215357.0	-5958.8
7752	9.6	215454.2	-5928.1
7753	9.6	215500.0	-5922.8
7754	9.0	215516.0	-5950.7
7755	9.8	215636.5	-5912.1
7756	8.2	215652.0	-5933.9
7757	9.8	215702.5	-5911.9
7758	9.8	215706.0	-5956.9
7759	8.6	215717.0	-5926.0
7760	9.8	215731.0	-5925.4
7761	9.4	215732.7	-5902.3
7762	9.8	215738.5	-5928.3
7763	9.0	215742.0	-5903.3
7764	8.7	215814.0	-5946.3
7765	8.4	215818.5	-5944.1
7766	7.7	215859.5	-5955.6
7767	9.0	220001.0	-5949.1
7768	8.5	220002.5	-5953.8
7769	10.0	220009.0	-5930.1
7770	9.2	220047.0	-5927.3
7771	10.0	220058.5	-5952.5
7772	10.0	220229.5	-5947.1
7773	8.8	220306.5	-5926.6
7774	9.6	220309.0	-5926.7
7775	10.0	220351.0	-5915.1
7776	9.1	220420.0	-5909.9
7777	10.0	220434.0	-5939.3
7778	9.1	220448.5	-5921.1
7779	9.6	220516.7	-5958.8
7780	8.8	220602.5	-5954.6
7781	9.3	220621.5	-5917.3
7782	10.0	220704.0	-5905.0
7783	8.6	220740.5	-5951.2
7784	9.8	220817.5	-5937.3
7785	9.6	220830.5	-5914.6
7786	10.0	220849.5	-5914.1
7787	9.1	220940.0	-5920.9
7788	8.4	220954.0	-5919.9
7789	10.0	221032.0	-5939.9
7790	9.3	221052.5	-5932.5
7791	8.6	221055.0	-5955.3
7792	9.0	221220.5	-5931.9
7793	9.1	221234.0	-5925.1
7794	8.4	221344.0	-5906.2
7795	8.4	221436.5	-5942.1
7796	9.4	221510.0	-5926.9
7797	9.3	221554.3	-5900.0
7798	8.6	221814.5	-5930.6
7799	9.6	221829.8	-5958.4
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7802	8.0	222042.0	-5952.1
7803	9.8	222104.0	-5947.1
7804	9.8	222130.5	-5948.3
7805	9.8	222328.5	-5914.6
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7833	9.4	224137.0	-5953.7
7834	7.8	224147.5	-5935.2
7835	7.0	224319.0	-5945.5
7836	9.4	224327.0	-5900.2
7837	9.4	224427.0	-5926.1
7838	9.4	224538.0	-5925.8
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7842	7.0	225013.0	-5945.3
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7847	7.0	225321.0	-5906.5
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7849	9.4	225520.0	-5917.8
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7851	8.6	225612.0	-5935.1
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7853	9.4	225712.0	-5926.0
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7856	9.2	225733.0	-5958.8
7857	7.4	225751.5	-5934.3
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7860	9.0	225910.8	-5902.6
7861	8.4	225921.8	-5901.4
7862	8.6	230009.5	-5947.3
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7864	8.8	230126.0	-5906.0
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7866	8.2	230258.0	-5947.5
7867	9.4	230306.2	-5955.4
7868	9.2	230332.8	-5900.9
7869	9.3	230405.0	-5933.0
7870	9.4	230459.0	-5953.4
7871	8.4	230507.5	-5920.6
7872	9.3	230522.0	-5914.6
7873	9.0	230603.5	-5926.8
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7875	9.0	230701.5	-5912.1
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7881	9.4	231333.5	-5945.6
7882	9.6	231420.0	-5931.1
7883	9.4	231432.0	-5953.5
7884	9.6	231508.0	-5939.1
7885	8.6	231537.5	-5906.1
7886	9.0	231610.5	-5920.2
7887	9.4	231820.5	-5952.1
7888	9.0	231903.3	-5958.1
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7914	9.1	233637.0	-5910.5
7915	8.3	233733.5	-5948.3
7916	8.4	233815.5	-5952.1
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7918	9.0	233910.0	-5903.9
7919	9.6	233917.5	-5907.6
7920	9.6	234102.5	-5922.4
7921	9.2	234106.0	-5941.3
7922	9.6	234108.0	-5947.7
7923	9.4	234155.0	-5945.1
7924	9.5	234309.0	-5913.6
7925	9.5	234331.0	-5907.6
7926	9.0	234417.5	-5956.4
7927	8.1	234524.0	-5953.7
7928	9.3	234532.5	-5929.9
7929	9.7	234538.5	-5941.1
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7932	8.6	234642.5	-5947.7
7933	9.5	234752.5	-5910.9
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7935	9.0	234816.5	-5901.9
7936	9.6	234818.5	-5947.7
7937	9.6	234834.5	-5938.9
7938	9.3	234848.0	-5926.8
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7940	9.6	234946.0	-5941.0
7941	9.4	235025.5	-5950.1
7942	9.6	235034.0	-5911.8
7943	9.4	235035.5	-5954.8
7944	9.7	235053.5	-5932.8
7945	8.0	235054.5	-5939.7
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7947	9.5	235145.5	-5932.4
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7949	9.6	235218.5	-5920.0
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7953	9.5	235454.5	-5916.7
7954	8.8	235629.0	-5928.7
7955	9.5	235704.5	-5922.0
7956	9.5	235742.5	-5946.8
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1a	9.5	00013.5	-6059.8
1	8.8	00053.0	-6045.9
2	9.3	00130.5	-6010.9
3	9.6	00233.5	-6049.9
4	9.0	00233.5	-6057.8
5	9.8	00333.7	-6049.9
6	9.4	00352.5	-6003.3
7	9.4	00515.5	-6011.9
8	9.7	00546.0	-6032.7
9	9.6	00557.0	-6034.8
10	9.5	00623.0	-6009.7
11	9.0	00629.0	-6012.1
12	8.8	00716.0	-6035.9
13	9.3	00725.5	-6042.8
14	9.6	00823.0	-6023.9
15	9.2	00913.5	-6023.7
16	9.6	01014.5	-6031.1
17	9.5	01030.5	-6030.8
18	9.6	01136.0	-6052.2
19	9.6	01136.0	-6001.7
20	9.6	01203.0	-6055.9
21	9.6	01210.2	-6057.6
22	9.5	01243.5	-6029.8
23	8.9	01245.5	-6010.0
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25	9.1	01542.7	-6015.0
26	9.5	01628.5	-6047.0
27	9.5	01634.7	-6037.9
28	9.3	01703.1	-6058.8
29	9.7	01953.5	-6007.2
30	9.4	02015.0	-6055.9
31	9.1	02020.5	-6028.8
32	9.4	02027.2	-6024.5
33	9.0	02055.3	-6034.0
34	9.4	02133.7	-6052.0
35	9.4	02139.5	-6045.0
36	9.2	02145.7	-6058.4
37	9.1	02218.0	-6001.0
38	8.6	02409.5	-6029.1
39	9.5	02418.5	-6002.0
40	9.2	02515.0	-6059.2
41	9.4	02931.5	-6030.1
42	6.9	03017.5	-6024.2
43	9.0	03050.5	-6034.1
44	9.5	03102.5	-6008.0
45	9.0	03358.0	-6012.1
46a	6.1	03434.5	-6009.4
46	9.6	03632.0	-6018.0
47	9.4	03652.0	-6019.2
48	7.1	03704.0	-6056.9
49	8.8	03835.5	-6041.3
50	9.5	03956.5	-6028.0
51	9.2	04023.0	-6041.0
52	8.6	04134.5	-6014.5
53	9.1	04150.0	-6007.6
54	9.0	04303.5	-6022.9
55	9.6	04311.5	-6058.2
56	8.8	04349.0	-6015.0
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58	8.8	04736.0	-6020.8
59	8.5	05110.5	-6026.2
60	9.6	05111.5	-6020.9
61	9.9	05241.0	-6011.5
62	9.9	05241.5	-6013.0
63	10.2	05311.0	-6011.8
64	10.2	05323.0	-6015.8
65	10.2	05353.0	-6001.9
66	8.5	05516.0	-6056.3
67	10.2	05543.0	-6041.9
68	10.2	05621.0	-6023.0
69	9.8	05625.5	-6055.9
70	9.8	05726.0	-6032.0
71	10.0	05740.5	-6027.1
72	7.0	05812.5	-6045.9
73	10.0	10015.5	-6010.1
74	10.0	10021.0	-6045.8
75	10.0	10041.5	-6039.8
76	9.6	10042.0	-6039.6
77	8.6	10049.5	-6043.8
78	10.0	10115.0	-6036.8
79	8.2	10151.0	-6037.9
80	10.0	10256.5	-6009.9
81	8.0	10335.5	-6012.7
82	8.6	10345.5	-6018.1
83	10.3	10345.5	-6007.9
84	9.6	10349.5	-6029.7
85	9.4	10405.0	-6018.3
86	9.4	10414.5	-6019.7
87	10.3	10419.0	-6012.4
88	9.4	10422.5	-6010.9
89	10.0	10544.5	-6059.2
90	8.6	10551.0	-6026.0
91a	10.0	10551.0	-6002.7
91	9.2	10833.0	-6054.3
92	9.9	10902.5	-6035.7
93	10.0	10917.0	-6010.5
94	10.3	10919.5	-6022.2
95	10.0	10920.5	-6014.8
96	8.6	11008.5	-6046.7
97	9.4	11301.5	-6039.9
98	10.0	11306.5	-6008.2
99	9.9	11309.0	-6021.9
100	10.0	11325.5	-6053.9
101	10.0	11345.5	-6015.9
102	10.0	11409.5	-6041.9
103	10.4	11501.0	-6036.8
104	10.0	11506.0	-6016.3
105	9.0	11520.5	-6034.4
106	9.9	11522.0	-6057.8
107	8.4	11525.0	-6043.8
108	10.0	11654.0	-6046.9
109	8.9	11740.0	-6050.7
110	10.0	11856.0	-6031.6
111	9.0	12036.0	-6008.6
112	7.4	12036.0	-6009.0
113	10.0	12125.0	-6030.8
114	9.8	12142.0	-6033.9

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115	10.0	12346.0	-6018.9	204	8.6	23151.0	-6013.9	294	9.4	40516.0	-6046.7	384	9.7	50708.0	-6031.9
116	9.0	12354.0	-6010.8	205	8.0	23618.0	-6006.4	295	8.9	40723.0	-6037.7	385	9.1	50718.7	-6020.1
117	9.0	12523.5	-6009.1	206	7.2	23623.0	-6006.5	296	9.0	40736.5	-6042.7	386	9.6	50723.0	-6056.1
118	8.4	12609.2	-6018.1	207	9.4	23647.0	-6045.4	297	9.8	40742.0	-6042.4	387	9.6	50727.5	-6019.4
119	8.0	12655.8	-6014.1	208	8.6	23817.0	-6031.2	298	9.2	41000.2	-6059.1	388	9.6	50757.5	-6035.6
120	10.0	12721.0	-6027.9	209	8.6	23853.0	-6035.9	299	9.8	41106.0	-6025.2	389	9.3	50837.5	-6035.5
121	10.6	12838.3	-6019.9	210	9.0	24051.0	-6035.1	300	8.6	41219.0	-6031.2	390	9.0	50902.0	-6027.0
122	10.6	12839.9	-6029.1	211	9.5	24131.0	-6039.6	301	9.0	41332.0	-6008.1	391	9.6	50945.0	-6040.3
123	8.6	12924.8	-6039.1	212	9.6	24229.0	-6041.3	302	9.8	41707.0	-6058.6	392	9.2	51022.0	-6048.1
124	9.4	13057.0	-6002.8	213	9.7	24242.0	-6045.9	303	9.8	41849.0	-6035.7	393	9.7	51043.5	-6051.7
125	9.2	13106.2	-6017.9	214	9.8	24247.0	-6003.9	304	8.8	41942.5	-6037.2	394	9.4	51108.0	-6020.9
126	10.6	13108.0	-6041.6	215	8.9	24327.8	-6047.5	305	8.9	41951.5	-6007.2	395	8.6	51128.0	-6008.0
127	8.0	13149.2	-6019.2	216	9.6	24341.0	-6040.5	306	9.2	42237.0	-6056.7	396	9.4	51143.5	-6012.1
128	10.0	13203.5	-6048.3	217	8.4	24341.3	-6040.1	307	9.8	42308.5	-6002.1	397	9.2	51243.5	-6000.7
129	10.2	13349.0	-6047.1	218	9.7	24346.5	-6027.8	308	9.6	42532.5	-6007.4	398	8.9	51313.5	-6028.5
130	9.6	13355.0	-6042.8	219	9.2	24520.0	-6056.1	309	9.4	42648.0	-6031.1	399	9.4	51345.0	-6032.7
131	9.2	13602.8	-6028.2	220	9.0	24610.5	-6009.5	310	9.2	42722.7	-6032.3	400	9.2	51406.0	-6008.0
132	10.6	13612.3	-6019.2	221	9.6	24653.0	-6049.3	311	9.0	42810.7	-6042.7	401	9.6	51422.5	-6055.1
133	10.6	13623.8	-6027.5	222	9.4	24736.0	-6051.1	312	9.8	42844.0	-6001.0	402	9.4	51450.0	-6035.1
134	10.4	13715.5	-6033.2	223	9.2	24737.5	-6040.5	313	9.1	42850.2	-6034.3	403	9.2	51627.5	-6053.1
135	10.6	13728.5	-6050.7	224	8.7	24840.0	-6046.2	314	6.8	42925.5	-6002.1	404	9.4	51631.0	-6049.0
136a	9.5	13751.3	-6016.1	225	9.6	24913.0	-6028.0	315	8.8	43000.5	-6008.2	405	9.4	51632.0	-6013.2
136	10.6	13756.6	-6029.5	226	8.4	24920.0	-6026.2	316	9.6	43012.5	-6045.9	406	9.4	51638.5	-6010.7
137	9.6	13833.0	-6034.7	227	9.4	24948.0	-6059.4	317	9.6	43018.7	-6055.6	407	9.7	51703.5	-6048.9
138	10.2	13949.8	-6025.7	228	9.7	25114.5	-6050.4	318	9.2	43021.3	-6047.3	408	9.5	51718.0	-6036.3
139	10.6	14029.8	-6012.5	229	7.9	25238.0	-6014.4	319	9.0	43037.3	-6034.4	409	9.0	51727.5	-6009.0
140	8.5	14046.8	-6020.6	230	9.1	25316.5	-6019.0	320	9.8	43115.5	-6054.0	410	9.6	51807.5	-6036.1
141	9.0	14053.5	-6030.9	231	9.0	25441.0	-6031.5	321	9.8	43152.5	-6004.4	411	9.0	51819.5	-6025.0
142	9.8	14128.8	-6010.3	232	8.2	25710.0	-6019.0	322	9.0	43205.5	-6004.2	412	9.7	51846.0	-6001.2
143	10.0	14141.0	-6042.2	233	9.6	25830.0	-6049.4	323	9.5	43420.5	-6038.2	413	7.3	51859.0	-6054.2
144	9.8	14159.8	-6026.2	234	8.0	30001.0	-6029.4	324	9.4	43516.0	-6022.7	414	9.8	52104.0	-6035.7
145	9.5	14301.3	-6036.8	235	8.5	30001.0	-6016.6	325	9.8	43518.5	-6006.0	415	8.3	52243.0	-6004.0
146	10.6	14325.8	-6011.1	236	5.2	30040.0	-6013.3	326	9.6	43558.5	-6046.2	416	9.8	52309.0	-6059.8
147	10.2	14558.3	-6026.5	237	8.0	30108.0	-6027.1	327	9.5	43639.5	-6050.7	417	9.0	52357.5	-6044.0
148	10.6	14643.6	-6023.2	238	8.4	30151.0	-6040.9	328	9.5	43731.5	-6053.4	418	9.6	52422.5	-6008.1
149	9.0	14653.0	-6035.1	239	9.7	30242.5	-6059.5	329	9.6	43735.5	-6032.9	419	9.6	52443.5	-6042.4
150	9.7	14701.3	-6013.5	240	9.7	30329.0	-6050.4	330	9.4	43744.0	-6051.3	420	9.6	52447.5	-6057.0
151	9.8	14719.0	-6044.1	241	8.6	30347.0	-6035.4	331	9.2	43810.5	-6039.5	421	9.6	52451.0	-6035.8
152	10.2	14741.0	-6050.8	242	9.4	30530.5	-6039.1	332	9.5	43933.5	-6015.4	422	9.7	52458.0	-6034.4
153	9.8	14805.3	-6018.5	243	7.8	30555.5	-6057.2	333	9.0	44032.0	-6038.4	423	9.2	52550.5	-6057.5
154	9.0	14809.5	-6056.4	244	8.7	30933.0	-6019.2	334	9.8	44154.5	-6004.2	424	7.7	52609.5	-6030.8
155	10.4	14834.3	-6058.7	245	8.8	31140.0	-6057.1	335	9.8	44251.5	-6042.5	425	8.3	52632.5	-6046.6
156	8.6	14855.5	-6001.9	246	8.9	31506.5	-6003.9	336	8.4	44335.0	-6002.4	426	9.2	52643.5	-6023.3
157	10.0	14910.5	-6056.9	247	9.4	31717.3	-6002.9	337	9.4	44358.3	-6000.6	427	9.4	52652.0	-6021.2
158	9.9	14944.8	-6017.0	248	8.5	31726.5	-6056.8	338	9.4	44419.5	-6007.9	428	8.7	52656.0	-6058.0
159	9.9	15022.3	-6007.5	249	8.2	31832.8	-6005.4	339	9.2	44423.5	-6014.4	429	8.6	52752.5	-6005.8
160	10.4	15051.8	-6016.1	250	8.2	31942.8	-6009.0	340	9.8	44504.5	-6036.2	430	8.7	52858.5	-6054.0
161	10.6	15117.3	-6027.1	251	9.8	32052.5	-6033.0	341	8.0	44510.0	-6049.8	431	9.8	52923.2	-6003.0
162	6.7	15117.5	-6055.4	252	9.2	32150.0	-6017.2	342	9.6	44535.5	-6045.6	432	9.3	52923.5	-6031.2
163	10.4	15133.8	-6008.7	253	9.8	32612.5	-6024.2	343	9.0	44538.0	-6013.3	433	9.8	52930.0	-6005.0
164	8.2	15219.8	-6024.1	254	7.0	32851.0	-6016.8	344	8.0	44702.0	-6028.4	434	9.0	52958.5	-6052.7
165	8.6	15220.0	-6047.9	255	9.6	32852.0	-6056.0	345	9.2	44748.5	-6046.2	435	9.6	53024.5	-6034.0
166	10.6	15222.3	-6020.1	256	8.8	33013.5	-6014.0	346	9.2	44830.5	-6028.3	436	8.0	53108.0	-6012.5
167	8.8	15223.0	-6050.5	257	9.4	33132.5	-6017.0	347	9.8	44849.5	-6008.6	437	9.0	53117.0	-6048.6
168	9.9	15246.8	-6028.5	258	8.4	33133.5	-6033.4	348	9.8	44938.5	-6019.1	438	9.7	53133.5	-6018.3
169	10.2	15432.8	-6015.8	259	9.2	33322.5	-6017.0	349	9.4	45016.1	-6059.6	439	9.3	53216.5	-6037.2
170	10.2	15442.5	-6045.6	260	9.8	33411.5	-6009.5	350	8.6	45047.0	-6050.5	440	9.0	53223.5	-6002.0
171	10.4	15534.0	-6042.7	261	8.0	33532.5	-6011.0	351	8.7	45052.5	-6057.4	441	8.0	53251.5	-6011.1
172	10.2	15613.5	-6042.9	262	6.4	33541.0	-6011.0	352	9.6	45127.0	-6015.4	442	9.2	53311.0	-6052.1
173	9.0	15636.0	-6048.0	263	8.1	33604.5	-6013.6	353	9.6	45131.5	-6020.6	443	9.5	53322.5	-6032.6
174	10.2	15646.8	-6004.4	264	8.1	33657.0	-6029.0	354	9.8	45145.5	-6046.6	444	8.8	53341.2	-6058.3
175	9.6	15819.0	-6053.9	265	8.6	33926.5	-6035.0	355	8.8	45229.5	-6008.7	445	9.0	53623.5	-6042.9
176	9.0	15834.3	-6026.5	266	8.4	33932.0	-6054.6	356	9.8	45231.5	-6003.7	446	8.0	53636.5	-6007.8
177	9.9	20020.6	-6002.7	267	8.4	33937.5	-6023.6	357	8.3	45250.0	-6036.8	447	9.4	53708.5	-6054.6
178	9.6	20046.0	-6050.0	268	9.8	34033.5	-6056.9	358	9.6	45255.0	-6019.0	448	9.7	53806.0	-6021.8
179	8.6	20109.3	-6006.3	269	8.8	34420.0	-6019.3	359	9.8	45303.5	-6031.0	449	9.7	53808.5	-6003.1
180	10.6	20200.0	-6049.5	270	9.2	34710.5	-6029.8	360	9.8	45312.0	-6039.5	450	8.8	54026.0	-6047.1
181	10.6	20227.0	-6030.7	271	8.3	34815.0	-6048.1	361	9.0	45415.0	-6036.7	451	9.4	54033.8	-6050.4
182	7.4	20330.9	-6016.3	272	7.3	34929.0	-6043.9	362	8.6	45421.0	-6033.4	452	9.9	54034.0	-6036.0
183	10.0	20337.3	-6015.9	273	9.4	35150.5	-6053.1	363	9.5	45445.5	-6051.5	453	10.0	54049.8	-6041.4
184	9.8	20443.4	-6004.6	274	8.5	35318.5	-6020.7	364	9.8	45802.5	-6051.2	454	9.7	54100.7	-6006.5
185	10.0	20453.0	-6056.0	275	9.6	35329.5	-6029.6	365	9.4	45914.0	-6027.3	455	9.9	54107.5	-6018.2
186	9.0	20702.1	-6004.0	276	8.9	35353.4	-6057.3	366	9.2	45942.5	-6049.8	456	8.6	54136.8	-6055.3
187	10.0	20709.0	-6054.2	277	9.6	35355.5	-6026.2	367	9.4	50018.0	-6041.5	457	10.0	54141.5	-6003.9
188	10.6	20804.8	-6007.3	278	9.6	35418.0	-6013.8	368	9.8	50108.5	-6031.4	458	10.0	54145.0	-6005.7
189	10.2	20816.8	-6004.4	279	9.9	35446.5	-6005.4	369	8.8	50122.0	-6051.2	459	9.9	54204.5	-6002.7
190	8.6	20925.4	-6009.1	280	9.8	35542.2	-6015.4	370	9.8	50140.0	-6030.7	460	10.0	54215.0	-6009.1
191	9.4	20949.5	-6003.9	281	9.8	35630.0	-6053.6	371	9.5	50159.0	-6032.5	461	10.0	54219.5	-6002.7
192	8.8	21048.0	-6044.7	282	9.4	35656.0	-6019.6	372	9.5	50228.5	-6029.3	462	9.8	54225.2	-6036.0
193	9.2	21109.0	-6026.3	283	9.4	35752.7	-6001.4	373	9.8	50245.5	-6025.8	463	10.0	54233.0	-6019.0
194	9.6	21317.0	-6057.7	284	9.4	35758.0	-6015.2	374	9.8	50253.5	-6033.2	464	9.4	54241.8	-6000.0
195	9.0	21706.5	-6035.8	285	9.6	35820.5	-6042.2	375	8.9	50325.5	-6018.4	465	9.4	54256.2	-6016.9
196	9.4	21810.0	-6031.6	286	9.8	40105.2	-6025.0	376	9.8	50459.5	-6030.8	466	10.0	54340.0	-6058.0
197	7.5	21834.5	-6019.7	287	9.8	40328.0	-6050.1	377	8.4	50501.8	-6002.6	467	9.2	54343.8	-6057.9
198	9.0	21837.0	-6032.8	288	9.6	40335.0	-6018.1	378	9.4	50518.3	-6023.1	468	9.4	54346.7	-6034.4
199	5.9	22122.5	-6052.4	289	7.9	40401.0	-6012.5	379	9.4	50537.5	-6026.1	469	9.4	54355.0	-6045.5
200	9.2	22141.5	-6054.0	290	9.9	40407.5	-6015.3	380	9.6	50601.0	-6048.5	470	8.2	54401.5	-6046.0
201	8.6	22228.0	-6033.6	291	9.0	40429.0	-6038.8	381	9.6	50605.5	-6055.1	471	9.3	54458.0	-6021.9
202	8.6	22642.5	-6053.2	292	9.6	40433.0	-6039.6	382	9.7	50638.0	-6008.7	472	10.0	54501.8	-6003.5
203	8.4	22719.0	-6027.1	293	8.2	40512.0	-6003.8	383	9.6	50645.5	-6004.3	473	9.4	54503.8	-6038.3

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474	10.0	54505.8	-6039.9
475	9.2	54517.8	-6022.0
476	10.0	54553.5	-6003.2
477	10.0	54603.0	-6059.5
478	9.6	54604.0	-6030.9
479	9.6	54635.0	-6009.3
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481	9.4	54651.5	-6013.6
482	9.2	54711.5	-6021.3
483	10.0	54735.5	-6043.6
484	9.6	54739.0	-6032.1
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486	10.0	54754.5	-6038.5
487	8.7	54809.5	-6042.6
488	9.0	54821.0	-6050.4
489	10.0	54844.0	-6040.4
490	10.0	54848.5	-6043.5
491	9.9	54849.0	-6041.7
492	10.0	54854.5	-6004.9
493	9.8	54923.0	-6031.5
494	9.8	54930.0	-6039.8
495	9.3	54930.0	-6054.6
496	9.5	55009.0	-6058.9
497	9.4	55030.0	-6000.0
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499	9.7	55055.5	-6001.1
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501	9.7	55123.0	-6054.5
502	9.8	55132.5	-6055.5
503	10.0	55150.0	-6040.6
504	10.0	55159.5	-6034.0
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506	9.1	55220.0	-6006.5
507	9.3	55222.5	-6044.3
508	7.9	55231.0	-6002.5
509	10.0	55258.0	-6006.9
510	9.9	55358.0	-6049.6
511	9.2	55405.5	-6034.3
512	10.0	55419.0	-6021.5
513	9.9	55451.0	-6017.0
514	10.0	55454.5	-6046.5
515	8.5	55457.5	-6036.0
516	9.4	55503.0	-6009.3
517	10.0	55511.0	-6022.2
518	9.6	55515.0	-6042.1
519	8.8	55531.0	-6050.7
520	9.9	55533.0	-6041.6
521	9.4	55605.0	-6017.5
522	10.0	55619.0	-6014.5
523	9.5	55710.5	-6041.5
524	9.4	55732.0	-6032.1
525	10.0	55742.0	-6057.3
526	9.6	55755.5	-6003.3
527	8.2	55811.5	-6029.2
528	10.0	55829.5	-6059.9
529	10.0	55849.5	-6055.3
530	8.8	55859.5	-6029.5
531	8.3	55924.0	-6053.5
532	9.6	55926.5	-6052.2
533	9.8	55943.0	-6001.8
534	7.7	55946.0	-6029.0
535	10.0	55952.5	-6004.4
536	9.3	60020.0	-6013.2
537	7.9	60036.0	-6005.6
538	9.9	60102.5	-6052.4
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540	9.4	60128.0	-6042.1
541	8.2	60130.5	-6038.2
542	9.9	60135.0	-6022.3
543	10.0	60152.0	-6013.8
544	10.0	60205.5	-6057.6
545	9.4	60228.5	-6039.3
546	10.0	60228.8	-6046.3
547	9.9	60249.0	-6005.1
548	10.0	60302.5	-6031.2
549	8.6	60303.0	-6035.4
550	8.8	60409.0	-6005.5
551	10.0	60433.5	-6039.6
552	10.0	60500.5	-6022.4
553	9.8	60509.0	-6035.3
554	9.2	60515.5	-6032.8
555	10.0	60522.5	-6000.8
556	10.0	60534.8	-6019.2
557	10.0	60549.0	-6034.2
558	9.8	60640.8	-6000.9
559	9.7	60724.5	-6029.1
560	10.0	60821.5	-6055.3
561	10.0	60849.0	-6044.4
562	8.1	60949.0	-6001.8
563	7.9	60956.5	-6017.9
564	9.2	60959.0	-6048.9
565	8.0	61022.5	-6047.8
566	9.9	61024.5	-6048.6
567	8.7	61044.0	-6013.3
568	10.0	61049.0	-6055.9
569	10.0	61059.5	-6005.5
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571	8.2	61134.5	-6025.4
572	10.0	61142.0	-6055.3
573	9.0	61219.0	-6011.1
574	9.7	61235.0	-6018.4
575	9.0	61239.5	-6032.0
576	9.8	61258.0	-6011.0
577	9.6	61308.5	-6034.4
578	9.7	61325.0	-6046.3
579	9.0	61334.5	-6045.8
580	9.1	61355.0	-6036.4
581	10.0	61420.0	-6036.9
582	9.5	61441.8	-6001.9
583	10.0	61450.0	-6058.6
584	10.0	61538.0	-6014.0
585	9.8	61538.0	-6046.6
586	9.2	61604.5	-6025.7
587	10.0	61623.7	-6045.6
588	10.0	61700.0	-6019.5
589	9.2	61703.0	-6041.1
590	10.0	61709.5	-6042.5
591	10.0	61725.5	-6046.0
592	10.0	61747.5	-6043.7
593	10.0	61754.0	-6009.4
594	9.9	61836.7	-6037.2
595	9.7	61842.0	-6046.3
596	10.0	61855.0	-6029.6
597	10.0	61903.0	-6028.7
598	9.8	61933.0	-6053.9
599	10.0	61934.0	-6010.7
600	9.4	61944.0	-6054.9
601	10.1	62000.5	-6030.9
602	8.7	62020.0	-6009.5
603	10.0	62026.2	-6058.7
604	7.3	62057.5	-6009.3
605	10.1	62101.0	-6026.6
606	10.0	62207.0	-6043.3
607	9.6	62219.0	-6049.9
608	5.8	62240.5	-6012.6
609	10.1	62244.5	-6017.5
610	8.6	62254.0	-6009.9
611	10.0	62256.0	-6005.6
612	9.5	62308.0	-6040.9
613	10.0	62331.5	-6019.9
614	10.1	62404.5	-6054.9
615	10.1	62410.0	-6041.8
616	10.1	62411.0	-6051.8
617	10.1	62414.0	-6041.5
618	8.4	62433.0	-6010.9
619	9.9	62459.5	-6015.5
620	9.5	62503.0	-6028.7
621	9.8	62512.5	-6018.5
622	9.9	62529.0	-6017.9
623	7.9	62535.3	-6001.6
624	9.6	62543.5	-6017.1
625	7.9	62543.5	-6038.9
626	8.4	62555.0	-6011.7
627	9.8	62600.0	-6003.7
628	10.0	62600.5	-6001.4
629	10.0	62603.3	-6050.1
630	10.1	62604.0	-6033.9
631	9.2	62624.5	-6030.1
632	9.4	62625.0	-6022.8
633	10.1	62634.5	-6027.7
634	9.5	62720.5	-6055.5
635	9.3	62720.5	-6026.9
636	9.8	62723.5	-6050.6
637	9.5	62744.0	-6046.6
638	8.6	62752.5	-6035.1
639	7.9	62754.0	-6055.2
640	9.9	62812.5	-6031.7
641	9.4	62913.5	-6041.5
642	9.9	62843.5	-6058.9
643	9.9	62851.8	-6000.0
644	9.8	62911.5	-6018.7
645	9.1	62926.2	-6059.9
646	10.1	62947.0	-6030.9
647	10.0	63021.0	-6041.6
648	10.0	63023.3	-6058.6
649	9.4	63035.5	-6030.0
650	9.6	63053.5	-6011.9
651	9.1	63137.5	-6056.8
652	9.8	63202.5	-6029.6
653	9.6	63210.5	-6036.9

654	9.0	63223.0	-6010.7
655	8.8	63232.0	-6029.1
656	10.0	63237.0	-6049.0
657	10.0	63308.8	-6000.7
658	9.7	63311.5	-6042.4
659	9.0	63325.0	-6036.7
660	9.6	63329.5	-6015.9
661	9.8	63330.5	-6058.2
662	9.4	63333.3	-6000.0
663	9.2	63335.5	-6020.8
664	9.6	63354.5	-6001.5
665	9.5	63411.8	-6000.5
666	10.0	63426.2	-6059.9
667	10.1	63440.4	-6023.2
668	9.3	63450.0	-6038.2
669	9.5	63507.0	-6033.9
670	9.8	63524.0	-6028.9
671	10.0	63530.0	-6017.2
672	10.0	63557.0	-6047.9
673	10.1	63612.4	-6056.9
674	8.5	63626.0	-6000.5
675	9.6	63637.5	-6042.7
676	6.8	63702.5	-6004.1
677	9.6	63726.0	-6000.7
678	9.0	63727.5	-6043.4
679	9.0	63734.0	-6053.9
680	9.8	63736.5	-6055.6
681	10.1	63743.5	-6046.0
682	9.0	63749.0	-6051.0
683	9.5	63755.5	-6044.9
684	8.0	63801.5	-6017.0
685	10.1	63819.0	-6005.7
686	9.1	63824.0	-6019.2
687	8.9	63901.5	-6028.5
688	9.7	63904.5	-6004.9
689	8.5	63905.5	-6032.9
690	9.6	63919.0	-6032.0
691	9.6	63953.5	-6018.8
692	7.8	64002.5	-6033.9
693	9.1	64031.5	-6032.7
694	9.1	64110.0	-6013.5
695	9.4	64120.0	-6037.9
696	10.0	64215.0	-6031.1
697	10.0	64259.3	-6002.7
698	9.5	64349.0	-6057.6
699	9.6	64404.0	-6045.6
700	8.9	64415.0	-6007.7
701	10.0	64423.5	-6006.2
702	10.0	64434.0	-6032.0
703	9.8	64525.0	-6040.6
704	9.4	64531.5	-6035.0
705	9.2	64559.0	-6004.9
706	9.0	64607.0	-6056.9
707	8.4	64637.0	-6041.6
708	9.9	64648.5	-6053.5
709	10.0	64735.0	-6034.7
710	8.8	64749.5	-6013.5
711	10.0	64817.0	-6046.6
712	6.7	64821.5	-6006.3
713	9.1	64824.0	-6011.3
714	9.1	64854.0	-6019.2
715	9.4	65150.5	-6009.1
716	8.8	65203.5	-6033.4
717	9.3	65214.2	-6034.5
718	8.8	65216.5	-6001.8
719	9.2	65221.6	-6003.9
720	9.3	65339.5	-6040.9
721	9.1	65344.2	-6008.7
722	9.4	65345.3	-6030.3
723	9.4	65414.0	-6001.7
724	9.4	65426.0	-6012.7
725	9.1	65433.7	-6014.9
726	9.4	65448.5	-6023.9
727	9.1	65506.7	-6030.7
728	9.4	65526.0	-6025.9
729	9.4	65542.5	-6049.9
730	8.2	65550.7	-6040.9
731	8.2	65629.5	-6007.5
732	9.1	65648.0	-6035.3
733	8.4	65659.5	-6055.6
734	9.1	65708.0	-6005.9
735	9.4	65718.5	-6029.1
736	9.2	65725.5	-6023.8
737	8.2	65732.0	-6039.9
738	9.1	65739.5	-6023.1
739	9.4	65748.5	-6020.0
740	9.3	65823.0	-6045.9
741	9.1	65828.5	-6048.8
742	7.6	65840.5	-6041.0
743	9.4	65853.5	-6040.9
744	8.9	65853.5	-6041.0
745	9.4	65853.5	-6057.8
746	9.0	65902.5	-6037.5
747	7.5	65910.5	-6057.8
748	9.0	65921.5	-6026.9
749	9.4	65924.5	-6030.7
750	8.6	65928.5	-6035.9
751	9.3	65939.0	-6009.4
752	8.9	65949.5	-6034.9
753	8.8	65951.0	-6030.5
754	9.4	70030.0	-6010.5
755	9.4	70100.0	-6004.9
756	8.5	70112.5	-6052.6
757	9.4	70121.5	-6031.9
758	9.4	70145.0	-6023.8
759	9.4	70148.5	-6024.6
760	8.8	70210.5	-6002.1
761	9.2	70250.0	-6016.5
762	8.3	70305.5	-6036.9
763	9.3	70347.0	-6005.9
764	9.4	70348.5	-6047.9
765	8.7	70404.5	-6022.7
766	9.0	70412.5	-6052.6
767	9.0	70415.0	-6007.3
768	9.4	70453.3	-6039.2
769	9.2	70511.5	-6032.3
770	9.4	70518.5	-6006.4
771	9.4	70543.5	-6042.1
772	9.1	70556.0	-6034.9
773	9.3	70559.5	-6036.8
774	9.0	70642.0	-6038.9
775	9.2	70644.5	-6052.6
776	8.6	70655.5	-6028.7
777	9.4	70721.3	-6037.4
778	7.8	70725.5	-6022.3
779	8.9	70736.0	-6055.3
780	8.9	70738.5	-6019.8
781	9.4	70739.5	-6008.8
782	7.7	70741.0	-6010.6
783	9.4	70746.0	-6009.8
784	9.3	70754.0	-6018.0
785	9.3	70809.5	-6018.4
786	8.8	70821.5	-6037.7
787	9.4	70828.5	-6058.5
788	9.0	70829.0	-6040.4
789	8.8	70845.0	-6036.9
790	9.0	70919.5	-6031.6
791	9.4	70932.0	-6049.8
792	9.2	70938.5	-6023.0
793	9.0	70939.0	-6050.0
794	9.4	70956.5	-6028.0
795	9.3	71018.0	-6030.0
796	9.2	71020.0	-6035.2
797	9.2	71058.8	-6019.9
798	8.8	71105.0	-6045.1
799	9.4	71106.5	-6004.0
800	8.6	71115.5	-6014.4
801	9.0	71116.0	-6025.8
802	8.4	71146.0	-6032.7
803	7.4	71245.5	-6051.0
804	8.8	71304.3	-6002.7
805	9.1	71309.0	-6058.5
806	9.4	71349.0	-6012.8
807	9.4	71402.8	-6003.2
808	9.4	71403.0	-6034.0
809	8.8	71425.5	-6049.8
810	7.9	71426.5	-6018.0
811	9.4	71456.5	-603..0
812	9.4	71507.0	-6056.1
813	9.3	71548.0	-6054.4
814	9.4	71612.5	-6052.9
815	9.4	71619.8	-6013.1
816	9.4	71621.5	-6037.2
817	9.4	71628.8	-6040.7
818	9.4	71635.0	-6022.8
819	8.4	71700.5	-6022.2
820	9.4	71748.5	-6047.9
821	7.8	71752.0	-6054.7
822	9.4	71811.5	-6024.0
823	9.2	71819.0	-6048.0
824	9.4	71901.0	-6012.7
825	9.0	71932.4	-6001.0
826	9.4	71954.0	-6008.0
827	9.2	71959.0	-6006.0
828	8.7	72018.5	-6027.0
829	8.3	72025.8	-6003.9
830	9.4	72037.5	-6007.7
831	9.0	72039.0	-6000.5
832	9.2	72121.0	-6044.0
833	9.0	72125.5	-6028.0

-60 834 7h21m

-60 1193 8h44m

834	9.4	72159.0	-6044.9	924	8.0	75302.5	-6012.8	1014	9.0	75711.5	-6005.0	1104	9.6	81703.5	-6002.1
835	9.2	72205.0	-6033.2	925	9.1	75305.0	-6016.0	1015	7.8	75715.5	-6028.1	1105	9.6	81713.5	-6045.7
836	7.8	72210.0	-6035.5	926	9.7	75318.0	-6037.6	1016	9.1	75718.5	-6026.9	1106	9.6	81748.5	-6019.8
837	9.1	72216.0	-6046.7	927	8.5	75319.0	-6030.7	1017	8.5	75722.5	-6027.1	1107	8.6	81938.0	-6013.0
838	8.6	72224.0	-6015.0	928	9.2	75320.5	-6020.0	1018	7.3	75729.5	-6014.5	1108	9.6	82010.0	-6024.3
839	8.8	72450.0	-6044.2	929	9.7	75322.5	-6004.0	1019	8.6	75730.0	-6019.6	1109	9.6	82103.5	-6035.9
840	9.4	72534.5	-6042.0	930	8.2	75345.0	-6007.7	1020	9.7	75739.0	-6051.0	1110	9.6	82105.3	-6035.0
841	9.4	72603.5	-6028.0	931	9.7	75349.5	-6026.0	1021	9.7	75749.0	-6021.0	1111	8.4	82114.0	-6043.6
842	9.2	72641.0	-6036.2	932	7.8	75350.0	-6050.1	1022	7.6	75751.0	-6024.0	1112	9.5	82119.5	-6030.6
843	9.2	72655.5	-6035.4	933	9.0	75358.0	-6011.4	1023	7.9	75758.5	-6025.7	1113	9.1	82140.0	-6025.5
844	9.2	72659.0	-6045.6	934	9.6	75403.5	-6022.0	1024	9.7	75758.5	-6004.5	1114	9.1	82149.5	-6014.5
845	9.0	72714.0	-6026.4	935	7.5	75412.5	-6011.5	1025	9.2	75800.5	-6020.1	1115	9.6	82229.5	-6050.5
846	7.9	72811.7	-6059.1	936	9.1	75412.5	-6016.2	1026	9.6	75804.0	-6041.0	1116	9.2	82244.0	-6008.7
847	9.4	72815.0	-6005.0	937	6.9	75415.0	-6045.8	1027	9.7	75815.5	-6028.3	1117	8.0	82311.0	-6056.2
848	9.4	72819.0	-6028.0	938	9.5	75416.0	-6003.0	1028	9.6	75823.5	-6015.8	1118	9.6	82313.0	-6053.8
849	9.6	72821.0	-6043.8	939	8.4	75417.0	-6027.9	1029	8.8	75828.5	-6022.1	1119	9.4	82318.5	-6029.7
850	9.6	72823.5	-6059.7	940	9.7	75418.0	-6010.7	1030	9.6	75832.5	-6010.9	1120	9.5	82410.3	-6025.0
851	9.6	72847.0	-6053.8	941	8.6	75424.0	-6057.0	1031	8.8	75836.0	-6009.8	1121	9.1	82416.0	-6059.6
852	9.7	72847.5	-6010.0	942	9.1	75434.5	-6026.3	1032	9.4	75848.0	-6040.2	1122	8.7	82416.0	-6014.4
853	9.0	72853.0	-6013.5	943	9.3	75437.5	-6017.8	1033	8.0	75858.0	-6035.1	1123	9.2	82457.5	-6034.4
854	9.7	72903.0	-6043.0	944	7.6	75441.5	-6028.7	1034	9.2	75859.5	-6053.8	1124	9.6	82503.5	-6041.1
855	9.7	72915.0	-6046.9	945	8.0	75443.5	-6030.2	1035	9.7	75901.2	-6058.9	1125	9.6	82529.5	-6007.5
856	9.1	72921.2	-6044.3	946	9.4	75445.0	-6006.0	1036	9.7	75925.5	-6000.2	1126	9.6	82533.0	-6002.8
857	9.4	72926.5	-6029.2	947	7.6	75449.0	-6015.7	1037	8.2	75932.0	-6010.1	1127	9.6	82555.5	-6034.2
858	9.4	72934.0	-6023.9	948	8.7	75455.5	-6026.8	1038	8.4	75953.0	-6043.9	1128	8.5	82603.0	-6055.8
859	9.6	72941.5	-6021.1	949	8.8	75508.5	-6033.0	1039	9.6	80035.5	-6028.9	1129	8.9	82605.5	-6047.3
860	7.8	73253.0	-6048.3	950	9.2	75509.0	-6005.4	1040	9.4	80039.5	-6032.3	1130	9.6	82612.0	-6045.1
861	9.2	73300.4	-6057.8	951	9.3	75512.0	-6014.6	1041	9.5	80042.5	-6021.9	1131	8.9	82620.5	-6040.4
862	9.6	73332.0	-6022.4	952	8.3	75515.5	-6028.3	1042	9.1	80044.0	-6035.6	1132	9.2	82640.0	-6032.1
863	9.6	73340.5	-6015.0	953	7.6	75517.5	-6025.7	1043	9.7	80049.0	-6040.7	1133	9.2	82705.5	-6041.4
864	9.7	73438.0	-6016.2	954	9.0	75524.5	-6030.0	1044	9.7	80049.0	-6019.9	1134	9.5	82706.5	-6059.8
865	9.1	73454.5	-6001.7	955	8.2	75526.0	-6017.5	1045	9.2	80108.0	-6017.2	1135	9.6	82717.7	-6022.9
866	9.6	73525.5	-6033.0	956	9.7	75530.0	-6039.0	1046	9.1	80111.5	-6003.5	1136	9.3	82732.5	-6017.6
867	9.6	73530.0	-6002.7	957	9.4	75531.5	-6054.7	1047	9.7	80114.0	-6024.6	1137	9.5	82825.5	-6006.0
868	9.7	73605.0	-6052.0	958	9.4	75532.0	-6039.1	1048	8.2	80119.0	-6010.2	1138	8.4	82830.0	-6003.6
869	7.4	73643.0	-6020.5	959	9.7	75533.0	-6033.6	1049	7.7	80134.0	-6033.1	1139	8.8	82840.5	-6034.6
870	9.7	73702.0	-6030.1	960	8.3	75533.0	-6043.1	1050	9.7	80136.0	-6011.3	1140	9.2	82910.5	-6003.1
871	9.2	73708.5	-6019.9	961	8.2	75534.5	-6034.1	1051	8.6	80223.5	-6007.9	1141	9.2	82929.5	-6045.2
872	9.2	73743.5	-6026.5	962	9.7	75535.0	-6033.1	1052	9.7	80234.0	-6022.9	1142	9.6	82935.5	-6000.7
873	9.5	73832.0	-6056.2	963	9.3	75537.0	-6023.2	1053	9.6	80230.0	-6059.3	1143	9.0	82936.0	-6045.0
874	9.1	73833.0	-6054.8	964	8.5	75538.0	-6017.5	1054	9.7	80241.5	-6010.0	1144	9.5	83011.0	-6041.0
875	9.4	73850.0	-6020.9	965	9.6	75541.0	-6026.7	1055	9.7	80243.0	-6025.0	1145	8.9	83051.5	-6025.7
876	9.4	73856.0	-6036.4	966	7.8	75541.0	-6016.2	1056	7.1	80249.0	-6001.9	1146	8.5	83124.0	-6005.6
877	9.7	73943.0	-6007.7	967	6.7	75541.5	-6035.2	1057	9.7	80251.0	-6042.0	1147	9.5	83134.0	-6040.5
878	9.4	74015.0	-6042.0	968	8.2	75542.0	-6029.2	1058	9.2	80331.0	-6042.0	1148	9.6	83210.7	-6059.0
879	9.3	74020.5	-6044.1	969	8.0	75543.5	-6020.6	1059	8.9	80339.0	-6035.2	1149	9.3	83316.0	-6017.2
880	9.6	74033.0	-6012.9	970	8.4	75543.5	-6028.5	1060	9.7	80400.5	-6013.8	1150	8.8	83347.6	-6001.8
881	9.0	74039.8	-6000.3	971	8.8	75544.0	-6022.9	1061	9.3	80439.2	-6056.9	1151	9.4	83401.8	-6044.3
882	8.7	74054.0	-6026.0	972	9.6	75548.0	-6024.6	1062	9.2	80503.5	-6012.4	1152	9.2	83406.9	-6059.1
883	9.4	74239.0	-6011.7	973	8.6	75552.5	-6025.0	1063	9.1	80513.8	-6041.0	1153	9.2	83441.8	-6051.0
884	9.7	74356.0	-6011.9	974	8.8	75552.5	-6023.9	1064	9.7	80523.5	-6042.5	1154	9.5	83442.8	-6005.9
885	9.7	74409.0	-6012.7	975	8.2	75553.5	-6030.3	1065	9.6	80527.3	-6045.0	1155	9.2	83443.8	-6002.1
886	9.6	74419.0	-6008.9	976	7.5	75556.5	-6016.5	1066	9.6	80553.5	-6012.9	1156	9.6	83552.8	-6036.5
887	9.6	74422.5	-6035.7	977	9.6	75558.0	-6022.1	1067	9.3	80602.2	-6007.8	1157	9.6	83608.8	-6005.6
888	8.9	74438.5	-6012.1	978	8.3	75558.5	-6028.4	1068	7.6	80604.5	-6042.6	1158	9.5	83612.8	-6007.3
889	9.1	74518.0	-6007.8	979	7.6	75603.0	-6026.3	1069	9.6	80613.7	-6018.9	1159	9.6	83632.8	-6014.4
890	8.7	74531.5	-6028.2	980	7.6	75605.0	-6028.5	1070	9.5	80614.2	-6015.9	1160	8.6	83639.8	-6018.5
891	9.6	74539.0	-6028.8	981	8.8	75607.0	-6031.5	1071	8.8	80620.7	-6026.0	1161	9.6	83711.8	-6019.0
892	8.4	74622.0	-6034.9	982	7.4	75608.5	-6027.6	1072	7.5	80630.7	-6015.4	1162	9.0	83745.3	-6056.0
893	7.6	74653.0	-6051.0	983	9.6	75609.0	-6018.5	1073	9.5	80650.7	-6040.2	1163	9.6	83808.3	-6039.1
894	8.9	74750.0	-6021.9	984	8.8	75609.0	-6023.0	1074	6.2	80655.3	-6055.4	1164	9.1	83831.3	-6050.3
895	9.7	74754.0	-6023.9	985	8.0	75609.5	-6032.0	1075	9.6	80659.0	-6012.5	1165	9.6	83853.8	-6059.5
896	8.2	74803.0	-6020.9	986	9.2	75609.5	-6024.9	1076	9.0	80706.0	-6040.9	1166	9.6	83916.3	-6044.5
897	9.1	74804.0	-6014.1	987	9.7	75615.0	-6029.1	1077	9.6	80707.0	-6021.9	1167	9.6	83935.3	-6022.0
898	8.4	74808.0	-6054.2	988	6.7	75618.5	-6030.9	1078	9.6	80731.5	-6025.0	1168	9.2	83951.3	-6034.8
899	9.2	74809.0	-6049.0	989	8.4	75620.0	-6032.0	1079	9.6	80739.5	-6035.0	1169	9.2	84041.3	-6015.5
900	8.2	74917.5	-6056.0	990	7.8	75622.0	-6027.6	1080	9.6	80744.0	-6023.2	1170	8.8	84044.3	-6018.8
901	9.6	74919.5	-6024.7	991	8.7	75623.5	-6021.3	1081	9.6	80756.0	-6025.9	1171	8.7	84102.6	-6016.5
902	9.6	74928.0	-6021.9	992	9.6	75624.5	-6017.2	1082	9.2	80850.0	-6035.5	1172	9.6	84102.6	-6007.4
903	9.7	74930.5	-6005.4	993	8.0	75625.0	-6023.2	1083	9.6	80850.5	-6053.9	1173	9.6	84112.7	-6039.0
904	8.3	74952.5	-6003.7	994	9.5	75628.0	-6036.9	1084	9.5	80901.0	-6052.5	1174	9.7	84115.0	-6057.7
905	8.9	75009.0	-6028.7	995	8.5	75628.0	-6013.7	1085	9.6	80909.5	-6035.0	1175	10.0	84118.0	-6031.3
906	9.6	75009.5	-6003.0	996	9.6	75629.0	-6033.3	1086	9.6	80919.6	-6001.5	1176	10.0	84125.0	-6026.1
907	9.2	75014.0	-6033.7	997	9.6	75629.0	-6029.0	1087	9.6	80935.6	-6002.7	1177	9.9	84129.5	-6054.2
908	9.7	75024.0	-6001.8	998	9.3	75629.0	-6021.5	1088	9.5	81010.0	-6002.9	1178	9.8	84139.2	-6004.7
909	9.7	75052.5	-6027.5	999	9.6	75630.0	-6013.1	1089	9.0	81018.5	-6048.7	1179	9.6	84153.5	-6000.1
910	9.7	75055.0	-6012.9	1000	8.6	75631.5	-6018.9	1090	9.6	81021.5	-6059.0	1180	10.0	84210.5	-6022.0
911	9.6	75104.0	-6011.6	1001	8.4	75635.0	-6040.2	1091	8.8	81030.5	-6034.5	1181	9.9	84224.0	-6029.9
912	7.9	75113.0	-6036.5	1002	9.6	75636.0	-6002.4	1092	9.6	81148.5	-6052.4	1182	9.8	84233.0	-6049.6
913	9.0	75118.0	-6023.1	1003	7.4	75638.0	-6021.6	1093	9.6	81150.5	-6052.9	1183	9.9	84240.5	-6019.8
914	9.6	75119.0	-6023.2	1004	9.4	75639.0	-6026.0	1094	9.5	81159.5	-6045.3	1184	9.1	84242.5	-6009.8
915	9.6	75120.0	-6006.2	1005	7.8	75644.0	-6018.1	1095	8.7	81320.5	-6040.5	1185	9.6	84302.5	-6025.7
916	7.5	75130.0	-6043.5	1006	5.7	75644.0	-6029.0	1096	9.6	81356.5	-6051.4	1186	10.0	84303.0	-6032.8
917	9.1	75136.5	-6034.8	1007	9.6	75645.0	-6019.5	1097	8.9	81436.0	-6009.7	1187	9.6	84309.5	-6003.4
918	9.2	75140.5	-6014.7	1008	8.6	75646.5	-6015.7	1098	9.2	81450.5	-6022.9	1188	10.0	84312.0	-6056.5
919	8.4	75150.0	-6015.2	1009	9.5	75649.0	-6050.0	1099	9.2	81514.5	-6020.3	1189	9.7	84314.0	-6001.0
920	8.9	75207.0	-6022.9	1010	9.6	75658.0	-6027.1	1100	9.6	81609.5	-6000.9	1190	10.0	84319.5	-6017.9
921	9.2	75231.5	-6058.8	1011	9.7	75701.5	-6029.4	1101	9.6	81614.5	-6019.5	1191	9.6	84331.7	-6053.1
922	9.7	75258.5	-6029.1	1012	7.8	75708.0	-6014.6	1102	9.2	81616.0	-6039.2	1192	9.6	84353.2	-6004.2
923	9.6	75300.0	-6018.4	1013	9.0	75710.5	-6031.3	1103	9.6	81623.5	-6003.8	1193	8.9	84410.5	-6043.9

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1194	9.6	84420.5	-6044.1
1195	9.6	84441.0	-6003.5
1196	10.0	84448.0	-6034.9
1197	9.9	84448.0	-6035.2
1198	10.0	84454.0	-6003.5
1199	9.8	84456.0	-6011.2
1200	9.9	84459.5	-6025.5
1201	9.6	84534.0	-6053.4
1202	9.7	84534.0	-6012.1
1203	9.8	84539.5	-6001.9
1204	10.0	84543.3	-6059.4
1205	10.0	84544.5	-6036.0
1206	9.7	84549.5	-6030.8
1207	8.6	84556.0	-6010.4
1208	9.9	84559.0	-6051.2
1209	10.0	84606.5	-6005.1
1210	9.8	84615.0	-6054.9
1211	9.4	84639.5	-6049.4
1212	8.4	84640.5	-6009.3
1213	9.9	84653.7	-6011.4
1214	9.9	84654.5	-6005.6
1215	9.6	84702.5	-6019.0
1216	9.6	84704.5	-6053.9
1217	9.6	84707.5	-6049.2
1218	9.8	84715.5	-6036.0
1219	9.8	84731.5	-6025.0
1220	9.6	84737.5	-6018.2
1221	9.5	84800.5	-6035.9
1222	10.0	84833.7	-6044.3
1223	10.0	84834.0	-6018.9
1224	8.0	84850.5	-6053.9
1225	9.4	84902.5	-6054.2
1226	7.6	84903.5	-6057.0
1227	9.0	84909.0	-6013.9
1228	9.4	84915.0	-6032.9
1229	10.0	84924.5	-6059.5
1230	10.0	84931.5	-6018.1
1231	10.0	84944.0	-6036.5
1232	10.0	85004.5	-6044.0
1233	9.7	85017.0	-6057.6
1234	9.3	85020.5	-6017.1
1235	10.0	85105.0	-6005.7
1236	10.0	85110.5	-6001.1
1237	9.9	85119.5	-6021.1
1238	10.0	85130.5	-6059.1
1239	10.0	85152.5	-6029.1
1240	8.7	85159.5	-6019.0
1241	9.6	85206.0	-6006.2
1242	9.7	85206.0	-6013.4
1243	4.3	85212.5	-6010.0
1244	10.0	85232.0	-6000.2
1245	10.0	85238.5	-6058.0
1246	9.4	85240.0	-6042.5
1247	9.6	85241.5	-6000.2
1248	7.9	85248.5	-6043.5
1249	9.6	85256.5	-6007.8
1250	9.3	85310.0	-6013.0
1251	9.7	85312.5	-6011.0
1252	9.6	85313.5	-6003.9
1253	9.5	85335.0	-6003.7
1254	10.0	85336.0	-6038.6
1255	9.9	85340.8	-6001.0
1256	9.7	85347.0	-6046.0
1257	8.4	85349.0	-6021.5
1258	10.0	85357.0	-6018.0
1259	9.9	85401.5	-6053.2
1260	10.0	85410.5	-6058.2
1261	9.2	85425.0	-6005.6
1262	9.3	85440.0	-6005.7
1263	9.7	85440.0	-6041.6
1264	9.4	85449.0	-6005.7
1265	10.0	85454.0	-6059.2
1266	8.6	85457.0	-6047.0
1267	9.4	85503.5	-6003.3
1268	10.0	85507.0	-6026.0
1269	10.0	85516.5	-6005.0
1270	9.0	85520.5	-6049.9
1271	9.8	85536.0	-6001.5
1272	10.0	85541.5	-6012.0
1273	9.3	85600.0	-6046.0
1274	9.8	85604.5	-6019.2
1275	9.9	85613.5	-6022.4
1276	9.9	85615.2	-6047.3
1277	8.8	85617.5	-6050.0
1278	9.9	85623.5	-6048.0
1279	9.9	85650.0	-6004.9
1280	9.3	85730.0	-6029.0
1281	9.3	85737.5	-6022.0
1282	9.8	85746.0	-6036.3
1283	7.6	85753.5	-6028.3
1284	10.0	85808.0	-6019.0
1285	10.0	85817.0	-6045.0
1286	9.6	85818.5	-6057.4
1287	8.1	85820.0	-6023.8
1288	10.0	85838.5	-6008.7
1289	10.0	85844.0	-6041.1
1290	9.5	85904.0	-6017.7
1291	10.0	85909.0	-6038.0
1292	9.8	85909.2	-6010.1
1293	9.8	85910.0	-6019.4
1294	9.6	85942.5	-6025.0
1295	9.9	85947.0	-6040.0
1296	9.1	85949.0	-6007.9
1297	9.2	90020.0	-6010.6
1298	9.8	90023.0	-6023.5
1299	9.6	90046.5	-6040.6
1300	9.9	90052.5	-6058.7
1301	10.0	90054.4	-6000.4
1302	9.7	90100.0	-6046.2
1303	9.8	90100.5	-6004.5
1304	8.4	90107.0	-6031.3
1305	8.6	90119.5	-6004.2
1306	9.4	90139.5	-6026.2
1307	9.0	90209.0	-6019.9
1308	9.9	90234.0	-6023.8
1309	9.7	90243.5	-6014.0
1310	10.0	90300.5	-6038.1
1311	10.0	90309.0	-6053.3
1312	10.0	90324.5	-6018.0
1313	9.4	90404.0	-6033.8
1314	9.5	90411.0	-6029.1
1315	10.0	90411.5	-6006.8
1316	10.0	90419.0	-6003.4
1317	10.0	90429.2	-6058.8
1318	8.5	90447.5	-6040.2
1319	9.8	90500.0	-6054.8
1320	8.0	90507.5	-6014.6
1321	8.8	90508.5	-6040.2
1322	9.9	90511.5	-6039.5
1323	9.7	90521.0	-6021.6
1324	10.0	90541.5	-6001.0
1325	8.9	90545.0	-6041.8
1326	9.9	90547.5	-6044.1
1327	9.9	90559.0	-6027.2
1328	9.0	90612.5	-6054.6
1329	9.0	90612.5	-6043.1
1330	9.4	90643.0	-6022.1
1331	9.9	90652.5	-6004.5
1332	9.9	90657.5	-6036.9
1333	10.0	90706.0	-6001.1
1334	8.8	90707.0	-6010.1
1335	9.0	90730.0	-6058.7
1336	8.9	90741.5	-6049.4
1337	10.0	90754.0	-6058.7
1338	9.0	90757.0	-6018.2
1339	7.4	90801.5	-6026.4
1340	9.4	90804.0	-6036.2
1341	9.1	90815.5	-6013.1
1342	9.9	90830.0	-6035.1
1343	9.2	90849.5	-6041.8
1344	9.8	90850.7	-6001.4
1345	10.0	90908.0	-6001.4
1346	9.6	90909.5	-6000.9
1347	8.8	90911.5	-6019.0
1348	9.9	90918.0	-6043.5
1349	10.0	90920.0	-6017.2
1350	9.8	90930.0	-6051.2
1351	8.2	90934.0	-6034.4
1352	9.8	90943.0	-6010.0
1353	6.4	90946.5	-6024.1
1354	8.4	90947.0	-6034.2
1355	9.9	90947.0	-6009.1
1356	10.0	90950.0	-6002.6
1357	.9	90951.5	-6056.1
1358	8.8	90959.0	-6009.1
1359	10.0	91024.0	-6035.9
1360	9.7	91030.5	-6028.0
1361	8.0	91035.0	-6042.4
1362	9.7	91037.0	-6047.0
1363	9.3	91041.5	-6049.4
1364	9.3	91047.0	-6012.2
1365	9.8	91048.5	-6051.3
1366	7.2	91049.0	-6045.7
1367	7.5	91058.8	-6001.1
1368	9.9	91058.9	-6001.6
1369	8.8	91100.0	-6023.4
1370	9.2	91112.5	-6026.5
1371	9.8	91126.0	-6033.0
1372	8.6	91133.5	-6059.3
1373	9.6	91209.0	-6056.1
1374	10.0	91237.0	-6033.0
1375	9.5	91238.5	-6051.8
1376	9.9	91252.0	-6025.2
1377	9.5	91252.5	-6008.0
1378	9.2	91305.0	-6038.4
1379	9.0	91315.0	-6039.1
1380	9.8	91321.0	-6050.0
1381	9.6	91330.0	-6005.0
1382	9.9	91447.0	-6042.2
1383	9.8	91447.5	-6042.0
1384	8.9	91513.0	-6045.8
1385	9.6	91516.5	-6055.8
1386	8.9	91521.0	-6031.4
1387	8.5	91533.5	-6027.0
1388	10.0	91605.5	-6037.0
1389	10.0	91642.5	-6025.6
1390	10.0	91650.0	-6015.0
1391	9.0	91702.2	-6001.3
1392	10.0	91710.2	-6034.2
1393	9.0	91745.5	-6019.5
1394	8.4	91750.8	-6029.2
1395	10.0	91754.0	-6018.4
1396	10.0	91755.5	-6059.0
1397	9.9	91756.0	-6058.5
1398	8.3	91759.5	-6001.7
1399	10.0	91808.5	-6026.7
1400	9.2	91812.2	-6005.4
1401	10.0	91813.0	-6020.9
1402	7.4	91820.2	-6017.9
1403	9.9	91845.2	-6009.7
1404	8.5	91847.5	-6022.7
1405	9.8	91855.0	-6017.4
1406	9.4	91900.5	-6025.0
1407	9.8	91905.5	-6021.0
1408	9.4	91924.5	-6032.0
1409	8.7	91937.5	-6033.4
1410	9.4	92016.5	-6007.3
1411	9.8	92022.0	-6039.3
1412	8.6	92052.0	-6037.7
1413	9.6	92058.5	-6014.4
1414	9.8	92107.5	-6021.0
1415	9.8	92114.0	-6013.2
1416	9.3	92124.5	-6022.7
1417	9.4	92124.5	-6017.0
1418	9.4	92128.5	-6000.4
1419	9.8	92132.0	-6052.1
1420	9.8	92136.5	-6056.3
1421	9.4	92138.5	-6036.3
1422	8.4	92146.0	-6048.4
1423	9.8	92149.0	-6023.4
1424	8.8	92159.0	-6030.4
1425	9.3	92211.0	-6014.7
1426	9.8	92239.5	-6020.0
1427	8.5	92241.0	-6057.3
1428	9.7	92310.0	-6015.5
1429	8.9	92319.5	-6008.1
1430	9.7	92322.0	-6057.1
1431	8.8	92323.5	-6050.4
1432	9.6	92328.5	-6023.7
1433	9.7	92334.0	-6021.7
1434	9.8	92336.0	-6030.6
1435	9.6	92343.5	-6056.3
1436	9.6	92344.5	-6044.0
1437	9.8	92352.0	-6049.3
1438	9.6	92423.0	-6031.8
1439	9.2	92438.5	-6047.2
1440	9.2	92445.0	-6002.1
1441	9.8	92510.0	-6054.9
1442	9.6	92541.5	-6005.8
1443	9.4	92548.5	-6029.2
1444	9.6	92559.0	-6049.4
1445	9.4	92559.0	-6018.4
1446	9.8	92615.8	-6033.1
1447	9.8	92632.5	-6003.2
1448	9.7	92643.5	-6040.9
1449	9.7	92652.5	-6045.2
1450	9.2	92750.0	-6041.7
1451	9.6	92757.5	-6040.2
1452	9.8	92758.0	-6003.3
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1454	9.7	92830.0	-6004.6
1455	7.6	92842.0	-6041.0
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1457	9.8	92847.0	-6054.3
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1461	9.3	92903.5	-6046.8
1462	9.3	92920.0	-6030.3
1463	9.6	93013.0	-6034.1

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1464	8.2	93018.0	-6004.4
1465	9.3	93029.0	-6025.8
1466	8.5	93146.0	-6012.1
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1470	8.0	93253.5	-6034.3
1471	9.5	93309.5	-6025.9
1472	8.3	93333.5	-6049.4
1473	9.6	93356.5	-6001.7
1474	9.4	93415.0	-6039.4
1475	9.8	93429.5	-6045.3
1476	9.8	93445.0	-6041.2
1477	4.7	93552.0	-6045.7
1478	9.6	93605.0	-6010.2
1479	9.8	93703.0	-6055.0
1480	8.5	93718.5	-6041.2
1481	9.8	93755.0	-6014.2
1482	9.8	93759.4	-6001.1
1483	9.8	93807.5	-6021.2
1484	9.8	93823.2	-6009.0
1485	9.6	93828.2	-6009.2
1486	8.7	93833.0	-6027.7
1487	9.8	93841.5	-6018.9
1488	9.4	93848.0	-6057.7
1489	9.8	93854.5	-6036.2
1490	8.6	93905.0	-6035.2
1491	9.4	93909.0	-6000.9
1492	8.9	93913.0	-6039.0
1493	9.8	93918.5	-6004.0
1494	9.8	93952.5	-6035.0
1495	9.8	94049.0	-6033.1
1496	9.6	94052.5	-6017.4
1497	9.8	94143.5	-6027.7
1498	9.1	94337.5	-6032.1
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1500	8.4	94358.0	-6027.4
1501	9.2	94407.0	-6032.6
1502	8.1	94423.0	-6026.0
1503	9.1	94427.3	-6000.1
1504	9.4	94435.5	-6009.4
1505	9.8	94454.5	-6044.0
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1507	9.4	94515.0	-6039.4
1508	8.0	94625.0	-6000.7
1509	9.8	94639.5	-6003.3
1510	8.4	94645.5	-6023.0
1511	9.2	94704.0	-6030.4
1512	9.6	94711.5	-6059.2
1513	9.8	94725.5	-6046.4
1514	9.5	94729.0	-6031.2
1515	9.8	94752.5	-6009.4
1516	8.2	94754.5	-6000.5
1517	9.5	94757.5	-6016.3
1518	9.6	94839.0	-6007.2
1519	8.6	94840.5	-6024.1
1520	9.1	94854.5	-6014.3
1521	9.4	94915.5	-6028.3
1522	9.3	94926.5	-6005.7
1523	9.6	94943.5	-6040.2
1524	9.8	94948.5	-6039.1
1525	9.8	94953.5	-6005.4
1526	9.8	95039.5	-6005.3
1527	9.3	95050.0	-6049.1
1528	9.8	95101.5	-6000.5
1529	8.4	95108.5	-6003.1
1530	9.8	95143.0	-6033.2
1531	9.8	95158.5	-6003.1
1532	9.8	95206.0	-6050.2
1533	9.5	95207.5	-6005.4
1534	9.8	95209.5	-6000.8
1535	9.8	95229.0	-6004.9
1536	9.8	95255.2	-6005.4
1537	10.0	95302.5	-6003.1
1538	10.0	95307.0	-6049.7
1539	10.0	95318.0	-6036.3
1540	8.9	95319.5	-6042.9
1541	9.0	95327.0	-6026.9
1542	9.7	95333.5	-6010.9
1543	10.0	95343.0	-6003.5
1544	9.9	95352.5	-6059.1
1545	9.8	95353.5	-6037.6
1546	10.0	95359.0	-6015.0
1547	9.6	95359.5	-6042.8
1548	8.6	95403.8	-6009.1
1549	10.0	95405.5	-6044.7
1550	10.0	95408.0	-6012.1
1551	10.0	95411.5	-6035.7
1552	9.6	95413.5	-6020.6
1553	10.0	95414.0	-6036.1

-60 1554 9h54m

-60 1913 10h23m

1554 10.0 95423.5 -6014.9	1644 10.0 100141.0 -6011.2	1734 8.6 100729.0 -6037.4	1824 9.2 101336.0 -6018.2
1555 9.6 95424.5 -6016.8	1645 10.0 100143.5 -6014.5	1735 10.0 100732.0 -6058.1	1825 10.0 101336.5 -6047.0
1556 10.0 95428.0 -6021.5	1646 8.6 100146.5 -6033.9	1736 10.0 100733.5 -6032.2	1826 9.8 101338.0 -6010.2
1557 9.6 95450.5 -6033.6	1647 10.0 100149.5 -6048.9	1737 8.9 100733.5 -6055.3	1827 10.0 101339.5 -6038.4
1558 9.4 95450.8 -6055.5	1648 10.0 100153.5 -6048.3	1738 8.6 100736.0 -6013.1	1828 9.8 101342.0 -6044.2
1559 9.8 95454.0 -6054.5	1649 10.0 100156.0 -6052.0	1739 9.5 100742.0 -6037.8	1829 10.0 101342.5 -6057.9
1560 9.8 95455.0 -6011.1	1650 8.9 100156.5 -6021.9	1740 9.6 100742.5 -6004.3	1830 9.8 101346.5 -6027.2
1561 9.8 95502.5 -6052.2	1651 9.7 100157.0 -6031.3	1741 10.0 100744.0 -6010.3	1831 9.1 101356.0 -6016.1
1562 10.0 95506.0 -6011.1	1652 9.6 100157.0 -6001.7	1742 7.6 100747.5 -6055.5	1832 10.0 101402.0 -6043.2
1563 9.8 95506.5 -6019.3	1653 9.8 100157.5 -6025.1	1743 10.0 100749.0 -6008.8	1833 10.0 101420.5 -6000.7
1564 10.0 95507.5 -6007.1	1654 9.0 100159.5 -6016.0	1744 10.0 100750.0 -6015.1	1834 10.0 101422.0 -6034.6
1565 10.0 95525.0 -6039.3	1655 9.8 100202.5 -6040.9	1745 10.0 100754.5 -6000.0	1835 9.8 101427.0 -6016.4
1566 9.6 95549.5 -6035.9	1656 10.0 100202.5 -6015.9	1746 10.0 100759.5 -6051.3	1836 9.2 101434.5 -6019.2
1567 9.2 95557.8 -6042.5	1657 10.0 100204.5 -6041.1	1747 9.9 100802.3 -6016.4	1837 9.2 101441.5 -6009.2
1568 10.0 95602.5 -6046.4	1658 10.0 100207.0 -6040.1	1748 9.2 100804.0 -6059.1	1838 9.2 101442.5 -6000.0
1569 9.6 95603.0 -6035.1	1659 9.2 100212.0 -6020.6	1749 9.6 100805.5 -6053.0	1839 9.2 101444.0 -6045.2
1570 9.9 95608.0 -6006.5	1660 10.0 100213.5 -6039.1	1750 10.0 100808.3 -6048.0	1840 9.4 101450.5 -6005.9
1571 9.3 95609.8 -6046.3	1661 9.8 100214.0 -6013.9	1751 10.0 100811.5 -6013.2	1841 9.0 101457.0 -6011.2
1572 10.0 95610.0 -6050.9	1662 9.8 100215.5 -6033.2	1752 9.4 100811.5 -6024.1	1842 8.0 101500.5 -6028.8
1573 10.0 95612.0 -6049.3	1663 9.9 100219.0 -6015.2	1753 10.0 100817.0 -6046.1	1843 9.1 101516.0 -6008.4
1574 10.0 95619.5 -6000.5	1664 9.5 100226.5 -6023.1	1754 9.6 100822.5 -6013.3	1844 9.8 101519.0 -6019.0
1575 9.7 95619.5 -6020.6	1665 10.0 100231.5 -6043.9	1755 9.4 100829.5 -6010.7	1845 9.1 101520.5 -6003.2
1576 10.0 95621.5 -6048.5	1666 9.2 100232.5 -6040.3	1756 9.8 100832.0 -6020.1	1846 9.6 101537.0 -6001.2
1577 9.5 95628.0 -6038.7	1667 9.2 100234.5 -6012.5	1757 9.6 100832.5 -6014.3	1847 10.0 101541.0 -6000.2
1578 9.4 95628.0 -6054.9	1668 9.1 100244.0 -6028.5	1758 9.6 100838.5 -6041.9	1848 10.0 101548.5 -6003.2
1579 9.2 95638.0 -6027.9	1669 9.8 100245.0 -6005.1	1759 9.9 100839.0 -6032.9	1849 10.0 101550.5 -6004.2
1580 9.6 95657.5 -6032.9	1670 10.0 100250.5 -6031.0	1760 10.0 100839.0 -6000.1	1850 10.0 101552.8 -6059.6
1581 9.9 95714.0 -6053.7	1671 9.4 100256.5 -6013.1	1761 10.0 100847.5 -6004.1	1851 10.0 101618.0 -6042.0
1582 9.9 95718.5 -6054.3	1672 9.5 100301.0 -6017.7	1762 10.0 100850.5 -6018.1	1852 9.6 101632.0 -6032.7
1583 9.8 95722.0 -6043.9	1673 7.6 100303.0 -6036.2	1763 9.8 100851.0 -6025.1	1853 9.1 101639.0 -6018.0
1584 8.8 95722.0 -6022.9	1674 9.5 100318.5 -6009.1	1764 9.8 100855.3 -6020.9	1854 10.0 101642.0 -6026.0
1585 10.0 95722.5 -6003.9	1675 10.0 100327.0 -6059.2	1765 8.4 100856.0 -6033.5	1855 9.9 101703.5 -6049.2
1586 10.0 95730.5 -6055.6	1676 10.0 100331.0 -6032.2	1766 10.0 100857.5 -6000.1	1856 9.1 101707.0 -6026.6
1587 9.6 95733.5 -6015.6	1677 10.0 100339.0 -6054.0	1767 10.0 100859.3 -6012.0	1857 9.8 101713.5 -6033.8
1588 10.0 95740.0 -6026.2	1678 9.0 100339.5 -6029.1	1768 9.9 100905.3 -6033.5	1858 10.0 101729.5 -6011.4
1589 9.2 95801.0 -6024.9	1679 9.9 100342.5 -6043.5	1769 9.0 100911.5 -6008.4	1859 9.7 101736.0 -6010.8
1590 9.2 95802.0 -6046.9	1680 9.8 100347.0 -6008.8	1770 9.2 100912.0 -6013.4	1860 9.8 101737.0 -6032.6
1591 10.0 95803.0 -6048.9	1681 9.6 100349.5 -6000.3	1771 9.5 100912.5 -6028.9	1861 10.0 101738.0 -6004.0
1592 10.0 95803.5 -6029.5	1682 9.3 100353.0 -6040.5	1772 10.0 100915.5 -6026.5	1862 10.0 101741.0 -6000.3
1593 9.8 95806.5 -6013.6	1683 10.0 100355.0 -6050.7	1773 9.2 100917.0 -6004.1	1863 10.0 101742.0 -6037.3
1594 9.9 95813.0 -6005.1	1684 9.3 100356.5 -6032.6	1774 9.6 100932.5 -6014.3	1864 10.0 101746.0 -6037.3
1595 9.6 95814.0 -6003.1	1685 10.0 100403.5 -6045.4	1775 9.5 100934.0 -6037.4	1865 10.0 101752.5 -6001.1
1596 10.0 95814.5 -6058.4	1686 8.6 100403.5 -6019.1	1776 9.5 100939.5 -6015.5	1866 10.0 101758.5 -6046.6
1597 10.0 95819.0 -6044.7	1687 9.9 100420.5 -6010.6	1777 10.0 100942.0 -6044.0	1867 10.0 101804.0 -6009.1
1598 9.6 95821.5 -6054.5	1688 9.6 100432.0 -6040.9	1778 10.0 100946.3 -6027.3	1868 10.0 101806.0 -6005.7
1599 10.0 95823.5 -6012.9	1689 8.6 100434.5 -6017.3	1779 9.6 100948.5 -6050.1	1869 10.0 101806.0 -6046.2
1600 9.4 95824.5 -6028.5	1690 9.0 100438.0 -6041.6	1780 9.4 100949.0 -6000.5	1870 10.0 101810.0 -6023.2
1601 10.0 95834.5 -6056.9	1691 9.6 100439.0 -6050.1	1781 10.0 100957.0 -6057.1	1871 9.2 101810.5 -6021.6
1602 8.4 95847.0 -6042.1	1692 9.1 100449.0 -6018.1	1782 10.0 100959.0 -6048.5	1872 9.6 101827.0 -6031.6
1603 10.0 95847.0 -6001.1	1693 10.0 100449.5 -6007.6	1783 9.0 101002.3 -6057.9	1873 9.1 101837.0 -6001.4
1604 10.0 95850.0 -6034.9	1694 9.1 100452.0 -6018.5	1784 10.0 101012.5 -6004.1	1874 8.4 101847.5 -6031.0
1605 9.6 95850.0 -6032.7	1695 8.6 100453.5 -6034.8	1785 9.0 101012.5 -6025.1	1875 10.0 101847.5 -6011.2
1606 10.0 95854.0 -6003.3	1696 9.3 100508.5 -6041.1	1786 10.0 101017.5 -6012.7	1876 10.0 101851.5 -6021.1
1607 10.0 95857.5 -6003.8	1697 8.8 100511.5 -6028.3	1787 10.0 101020.0 -6039.1	1877 10.0 101903.5 -6039.7
1608 9.1 95858.0 -6003.1	1698 9.7 100513.0 -6036.9	1788 9.5 101022.5 -6041.1	1878 9.8 101914.0 -6029.1
1609 9.6 95906.5 -6044.1	1699 9.5 100514.5 -6036.5	1789 9.9 101029.0 -6037.9	1879 9.6 101921.0 -6025.3
1610 8.9 95908.0 -6008.1	1700 9.8 100521.0 -6039.1	1790 10.0 101038.0 -6025.5	1880 9.9 101921.0 -6017.5
1611 9.8 95932.5 -6025.8	1701 8.4 100522.5 -6056.2	1791 8.6 101042.5 -6007.1	1881 8.6 101924.5 -6056.1
1612 10.0 95941.5 -6020.5	1702 10.0 100522.5 -6011.1	1792 10.0 101049.0 -6001.0	1882 9.5 101925.5 -6012.7
1613 10.0 95943.5 -6010.1	1703 10.0 100528.5 -6025.1	1793 9.5 101052.5 -6018.1	1883 9.9 101929.5 -6028.1
1614 9.2 95943.5 -6021.7	1704 10.0 100529.0 -6046.9	1794 10.0 101053.0 -6057.1	1884 9.8 101933.0 -6023.1
1615 9.8 95947.0 -6014.1	1705 9.2 100535.0 -6033.5	1795 9.2 101101.0 -6022.5	1885 10.0 101939.5 -6034.7
1616 10.0 95952.0 -6013.2	1706 9.1 100537.0 -6047.8	1796 10.0 101109.3 -6057.1	1886 9.9 101943.5 -6043.7
1617 10.0 95956.0 -6001.3	1707 10.0 100537.5 -6026.0	1797 9.9 101112.0 -6030.3	1887 10.0 101948.5 -6042.4
1618 9.8 95956.5 -6002.5	1708 8.8 100543.5 -6022.9	1798 10.0 101116.3 -6023.7	1888 10.0 101948.5 -6057.3
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1620 9.2 100001.5 -6042.2	1710 9.9 100553.3 -6057.5	1800 10.0 101120.3 -6031.9	1890 7.5 102005.0 -6055.1
1621 10.0 100003.5 -6032.5	1711 9.5 100556.5 -6043.5	1801 10.0 101129.3 -6031.0	1891 10.0 102013.0 -6021.1
1622 9.0 100005.5 -6055.1	1712 9.6 100558.0 -6041.9	1802 9.5 101131.0 -6002.6	1892 9.2 102019.0 -6053.1
1623 9.0 100008.5 -6029.1	1713 9.4 100601.5 -6037.2	1803 9.4 101133.5 -6007.1	1893 10.0 102019.5 -6037.7
1624 9.8 100011.5 -6053.1	1714 9.8 100612.5 -6000.9	1804 10.0 101133.5 -6020.1	1894 9.7 102037.0 -6037.6
1625 10.0 100013.0 -6006.5	1715 10.0 100613.5 -6032.5	1805 9.5 101141.5 -6058.5	1895 9.9 102041.5 -6011.1
1626 9.9 100024.0 -6057.0	1716 9.2 100613.5 -6046.7	1806 10.0 101146.5 -6045.3	1896 9.7 102044.0 -6029.7
1627 10.0 100027.5 -6002.7	1717 10.0 100620.5 -6003.5	1807 8.9 101149.5 -6005.4	1897 10.0 102048.0 -6021.5
1628 9.4 100036.5 -6012.3	1718 10.0 100622.0 -6031.4	1808 10.0 101150.0 -6047.1	1898 10.0 102050.0 -6019.5
1629 9.5 100038.5 -6022.9	1719 9.4 100625.5 -6002.0	1809 9.8 101212.0 -6038.1	1899 10.0 102111.5 -6040.7
1630 10.0 100052.0 -6018.3	1720 9.9 100629.0 -6039.8	1810 10.0 101212.0 -6008.2	1900 9.5 102116.5 -6027.1
1631 10.0 100052.0 -6013.1	1721 9.1 100635.0 -6019.9	1811 10.0 101213.0 -6003.1	1901 10.0 102117.0 -6003.1
1632 9.2 100100.0 -6057.1	1722 10.0 100636.5 -6041.3	1812 9.6 101232.0 -6022.1	1902 8.1 102122.5 -6011.9
1633 10.0 100102.5 -6052.1	1723 8.7 100642.0 -6019.5	1813 9.8 101232.0 -6052.7	1903 10.0 102150.0 -6046.1
1634 9.5 100104.0 -6023.3	1724 10.0 100650.0 -6050.5	1814 10.0 101239.0 -6053.3	1904 8.8 102200.5 -6009.0
1635 9.6 100106.5 -6018.9	1725 9.7 100650.0 -6008.4	1815 9.8 101242.3 -6005.9	1905 9.4 102214.0 -6016.2
1636 9.0 100106.5 -6006.1	1726 10.0 100650.5 -6008.7	1816 10.0 101246.0 -6037.4	1906 9.4 102216.0 -6011.1
1637 9.5 100107.5 -6059.5	1727 9.9 100701.5 -6049.7	1817 6.1 101254.0 -6042.4	1907 9.5 102222.5 -6059.7
1638 10.0 100121.0 -6049.5	1728 9.9 100703.5 -6037.2	1818 10.0 101258.0 -6038.6	1908 10.0 102230.5 -6038.5
1639 10.0 100125.5 -6055.1	1729 9.5 100705.5 -6032.7	1819 10.0 101258.5 -6002.0	1909 9.2 102232.0 -6001.8
1640 9.4 100132.5 -6038.9	1730 9.6 100706.5 -6040.9	1820 9.8 101304.5 -6052.3	1910 9.3 102252.5 -6000.7
1641 9.8 100133.0 -6025.3	1731 10.0 100713.5 -6043.8	1821 10.0 101307.0 -6043.1	1911 8.8 102302.0 -6004.1
1642 10.0 100140.0 -6021.2	1732 9.2 100728.5 -6007.9	1822 9.8 101308.5 -6041.9	1912 9.6 102303.5 -6048.4
1643 10.0 100140.5 -6059.7	1733 10.0 100728.5 -6043.5	1823 10.0 101326.0 -6059.2	1913 9.6 102309.5 -6020.8

-60 1914 10h23m

1914	9.3	102313.5	-6001.5	2004	9.5	103020.0	-6016.3	2094	9.6	103353.0	-6023.4
1915	9.6	102321.0	-6012.3	2005	9.7	103023.0	-6035.0	2095	9.6	103353.5	-6053.7
1916	9.9	102322.5	-6051.9	2006	9.8	103025.5	-6055.8	2096	9.4	103355.0	-6041.0
1917	10.0	102323.5	-6046.7	2007	9.6	103027.0	-6016.0	2097	9.7	103357.0	-6016.9
1918	9.6	102323.5	-6011.2	2008	9.8	103031.5	-6033.5	2098	9.8	103359.5	-6020.7
1919	9.9	102333.0	-6006.7	2009	9.4	103032.3	-6030.2	2099	9.8	103400.0	-6007.9
1920	10.0	102341.0	-6052.7	2010	9.9	103032.5	-6031.9	2100	9.8	103400.5	-6026.1
1921	10.0	102348.5	-6056.7	2011	9.8	103039.5	-6047.0	2101	9.8	103400.5	-6007.9
1922	10.0	102403.0	-6007.7	2012	9.8	103040.5	-6042.0	2102	9.8	103401.0	-6012.0
1923	9.8	102404.0	-6024.8	2013	9.9	103043.0	-6045.0	2103	9.4	103402.5	-6029.4
1924	10.0	102417.5	-6014.1	2014	9.3	103045.8	-6018.1	2104	9.7	103405.0	-6039.2
1925	8.0	102422.5	-6015.3	2015	9.6	103047.3	-6033.5	2105	9.6	103409.0	-6035.0
1926	10.0	102425.0	-6050.9	2016	9.7	103048.0	-6009.7	2106	9.8	103410.0	-6010.5
1927	10.0	102427.5	-6014.1	2017	9.9	103049.0	-6045.6	2107	9.8	103411.5	-6042.8
1928	9.9	102428.5	-6029.2	2018	9.8	103049.5	-6021.8	2108	9.8	103413.5	-6011.0
1929	9.5	102429.0	-6031.3	2019	9.2	103057.8	-6008.5	2109	9.9	103414.5	-6015.6
1930	8.9	102433.0	-6020.1	2020	9.8	103059.5	-6012.0	2110	9.9	103420.5	-6012.4
1931	9.5	102433.5	-6010.3	2021	9.6	103113.5	-6018.9	2111	9.6	103420.5	-6051.0
1932	9.7	102442.0	-6020.9	2022	9.3	103114.5	-6037.4	2112	9.4	103430.5	-6059.9
1933	10.0	102503.0	-6007.3	2023	9.7	103120.5	-6047.9	2113	9.8	103432.0	-6051.2
1934	10.0	102508.0	-6046.1	2024	9.7	103122.5	-6017.9	2114	9.5	103433.5	-6009.0
1935	9.5	102514.0	-6024.8	2025	9.5	103124.5	-6046.9	2115	9.7	103435.0	-6004.2
1936	10.0	102519.0	-6003.2	2026	9.0	103126.5	-6014.8	2116	9.4	103443.0	-6030.0
1937	9.9	102522.5	-6042.5	2027	9.2	103132.0	-6007.4	2117	8.8	103443.5	-6021.1
1938	8.9	102527.0	-6028.0	2028	9.8	103132.0	-6039.1	2118	8.9	103443.5	-6020.2
1939	10.0	102531.0	-6035.1	2029	9.8	103133.0	-6001.9	2119	9.7	103445.0	-6027.4
1940	9.7	102550.5	-6022.5	2030	9.9	103138.0	-6012.2	2120	9.0	103447.5	-6026.0
1941	9.6	102556.0	-6005.7	2031	9.2	103141.5	-6044.4	2121	9.7	103450.5	-6053.0
1942	10.0	102559.5	-6010.3	2032	9.7	103143.0	-6037.6	2122	7.2	103450.5	-6020.0
1943	9.9	102601.0	-6035.1	2033	9.4	103143.5	-6021.8	2123	8.9	103458.0	-6056.5
1944	7.4	102607.5	-6041.7	2034	9.8	103146.5	-6058.9	2124	9.8	103459.0	-6025.0
1945	8.6	102612.5	-6042.9	2035	9.7	103147.0	-6041.9	2125	8.8	103503.5	-6038.4
1946	10.0	102619.0	-6040.1	2036	9.6	103157.0	-6020.6	2126	8.8	103506.5	-6015.7
1947	9.8	102629.5	-6036.1	2037	9.6	103203.0	-6049.7	2127	9.4	103506.5	-6034.4
1948	8.0	102632.3	-6058.4	2038	9.8	103203.5	-6037.8	2128	9.4	103511.5	-6046.1
1949	8.0	102641.5	-6056.1	2039	9.7	103206.5	-6036.8	2129	8.6	103512.0	-6020.7
1950	9.3	102648.5	-6055.3	2040	9.0	103213.5	-6004.3	2130	9.7	103512.0	-6023.1
1951	9.8	102649.5	-6026.1	2041	9.8	103213.5	-6015.7	2131	9.8	103513.0	-6034.9
1952	10.0	102704.3	-6025.0	2042	9.9	103214.0	-6048.9	2132	9.7	103515.0	-6004.0
1953	10.0	102706.0	-6043.3	2043	9.8	103215.5	-6010.9	2133	9.8	103515.5	-6009.0
1954	9.2	102707.5	-6004.0	2044	9.7	103216.5	-6009.0	2134	9.7	103521.5	-6029.6
1955	10.0	102710.0	-6036.2	2045	9.6	103217.0	-6014.4	2135	9.2	103522.0	-6009.1
1956	9.1	102731.5	-6006.1	2046	9.7	103217.0	-6009.8	2136	9.9	103523.5	-6048.1
1957	10.0	102737.0	-6009.3	2047	9.8	103218.0	-6018.3	2137	9.9	103532.0	-6058.2
1958	9.3	102744.5	-6034.1	2048	9.8	103219.5	-6054.9	2138	9.9	103533.0	-6001.5
1959	10.0	102753.0	-6048.9	2049	9.7	103222.0	-6042.0	2139	9.9	103535.5	-6056.8
1960	10.0	102753.5	-6050.6	2050	9.8	103225.0	-6049.6	2140	9.8	103536.0	-6019.7
1961	9.4	102753.5	-6006.1	2051	9.7	103233.5	-6041.7	2141	9.2	103542.0	-6032.1
1962	8.7	102759.0	-6040.3	2052	9.8	103233.7	-6057.9	2142	9.2	103542.0	-6007.7
1963	10.0	102802.5	-6025.0	2053	9.6	103235.0	-6032.7	2143	9.9	103554.0	-6038.3
1964	9.9	102804.0	-6038.2	2054	9.8	103239.0	-6045.6	2144	9.8	103603.0	-6020.6
1965	9.8	102812.5	-6021.7	2055	9.7	103240.5	-6006.3	2145	9.7	103605.5	-6054.1
1966	9.9	102819.5	-6029.5	2056	9.8	103242.5	-6005.8	2146	9.8	103606.0	-6050.0
1967	8.6	102829.0	-6053.2	2057	9.8	103242.5	-6005.3	2147	9.7	103608.0	-6043.0
1968	9.0	102829.0	-6012.1	2058	9.8	103244.5	-6006.9	2148	9.7	103608.0	-6016.9
1969	10.0	102832.5	-6007.3	2059	9.8	103248.0	-6019.9	2149	9.8	103610.0	-6048.9
1970	10.0	102837.0	-6045.1	2060	9.7	103248.5	-6040.3	2150	8.8	103610.0	-6057.0
1971	10.0	102837.0	-6016.3	2061	9.4	103253.0	-6030.0	2151	9.6	103610.5	-6048.0
1972	10.0	102839.5	-6021.1	2062	9.7	103253.0	-6049.0	2152	9.9	103612.0	-6042.0
1973	9.5	102843.0	-6035.5	2063	9.7	103259.5	-6020.6	2153	9.9	103615.5	-6036.0
1974	9.3	102845.0	-6047.1	2064	8.8	103300.0	-6009.6	2154	9.9	103618.5	-6010.8
1975	9.3	102847.5	-6016.3	2065	9.2	103303.5	-6058.9	2155	9.9	103620.0	-6042.0
1976	9.2	102854.0	-6029.5	2066	9.3	103303.5	-6054.5	2156	9.8	103620.5	-6044.7
1977	9.0	102857.0	-6044.9	2067	9.4	103303.5	-6032.6	2157	9.8	103621.0	-6043.6
1978	8.9	102909.5	-6035.8	2068	9.6	103305.0	-6038.9	2158	9.6	103631.0	-6009.2
1979	10.0	102912.0	-6056.1	2069	9.9	103307.0	-6007.1	2159	8.9	103631.5	-6001.1
1980	9.6	102926.7	-6011.1	2070	9.6	103307.5	-6027.0	2160	9.2	103641.0	-6007.5
1981	9.6	102929.5	-6025.0	2071	9.5	103308.5	-6036.0	2161	9.5	103646.5	-6055.4
1982	9.8	102940.0	-6021.1	2072	9.8	103309.0	-6028.4	2162	8.8	103647.5	-6022.6
1983	8.2	102940.3	-6020.6	2073	9.4	103310.5	-6049.5	2163	9.7	103650.0	-6022.4
1984	9.7	102945.0	-6032.7	2074	9.7	103312.5	-6009.9	2164	9.6	103650.0	-6049.0
1985	9.0	102946.0	-6022.0	2075	9.9	103313.5	-6020.1	2165	9.9	103653.5	-6053.6
1986	9.7	102948.5	-6006.5	2076	9.7	103320.0	-6027.5	2166	8.8	103656.0	-6050.7
1987	9.7	102950.0	-6050.6	2077	8.7	103320.5	-6037.5	2167	9.9	103706.0	-6059.5
1988	9.6	102951.0	-6008.1	2078	9.9	103323.5	-6027.5	2168	9.8	103708.0	-6046.6
1989	9.0	102951.0	-6017.2	2079	9.4	103325.5	-6052.9	2169	9.8	103709.5	-6030.1
1990	9.8	102951.5	-6018.1	2080	9.8	103329.5	-6029.9	2170	9.4	103711.5	-6041.9
1991	9.8	102952.2	-6018.1	2081	9.8	103331.0	-6003.0	2171	9.0	103712.5	-6046.0
1992	9.8	102954.0	-6006.6	2082	9.4	103332.0	-6031.0	2172	9.9	103713.5	-6046.6
1993	9.8	102954.5	-6017.0	2083	9.6	103332.0	-6035.9	2173	9.8	103713.5	-6008.0
1994	9.8	102956.0	-6040.9	2084	9.4	103333.5	-6033.2	2174	9.7	103714.0	-6003.1
1995	9.2	102959.0	-6017.9	2085	9.8	103335.0	-6028.4	2175	9.4	103715.5	-6040.9
1996	9.9	102959.5	-6005.5	2086	9.7	103337.0	-6057.7	2176	8.6	103716.0	-6024.7
1997	9.4	103003.0	-6050.8	2087	9.4	103341.0	-6047.4	2177	9.9	103721.0	-6054.9
1998	9.9	103006.0	-6052.9	2088	9.8	103343.5	-6038.4	2178	9.8	103722.0	-6023.4
1999	9.8	103006.5	-6024.0	2089	9.8	103346.5	-6033.9	2179	9.3	103725.0	-6005.5
2000	9.6	103014.5	-6030.2	2090	9.8	103346.5	-6013.3	2180	9.9	103726.0	-6054.4
2001	9.2	103014.5	-6039.1	2091	9.8	103347.0	-6053.5	2181	9.9	103728.0	-6006.2
2002	9.8	103015.0	-6049.0	2092	9.5	103350.0	-6028.5	2182	9.9	103730.5	-6057.0
2003	9.7	103020.0	-6018.8	2093	9.8	103351.0	-6033.1	2183	8.8	103737.5	-6015.7

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2184	9.2	103737.5	-6043.1	2204	8.3	103830.5	-6029.5	2224	9.8	103915.0	-6031.9
2185	9.7	103739.5	-6017.0	2205	9.9	103834.0	-6000.1	2225	9.8	103923.0	-6032.0
2186	9.8	103741.0	-6047.6	2206	8.8	103834.0	-6025.4	2226	9.6	103923.0	-6054.6
2187	9.7	103742.0	-6030.8	2207	8.9	103835.5	-6033.5	2227	9.4	103924.5	-6021.6
2188	9.4	103749.0	-6050.8	2208	9.8	103839.0	-6022.0	2228	9.7	103930.0	-6021.9
2189	9.7	103751.0	-6041.4	2209	9.2	103839.5	-6030.7	2229	9.2	103931.0	-6041.4
2190	9.9	103752.0	-6032.8	2210	9.8	103839.5	-6004.0	2230	9.9	103932.0	-6026.7
2191	9.6	103756.0	-6041.0	2211	9.8	103844.5	-6056.0	2231	9.9	103932.0	-6014.1
2192	8.9	103758.5	-6033.5	2212	9.2	103847.0	-6041.6	2232	9.2	103935.0	-6033.6
2193	8.9	103803.5	-6042.4	2213	9.8	103848.0	-6004.1	2233	9.8	103936.0	-6005.0
2194	9.7	103803.7	-6057.7	2214	9.0	103849.5	-6044.9	2234	9.9	103938.5	-6024.9
2195	8.6	103804.0	-6028.4	2215	9.7	103850.5	-6041.6	2235	9.8	103940.0	-6005.6
2196	9.6	103815.0	-6022.6	2216	9.8	103851.5	-6041.0	2236	9.8	103940.5	-6031.8
2197	9.4	103817.5	-6056.1	2217	9.7	103900.0	-6021.5	2237	9.8	103941.0	-6030.0
2198	9.4	103819.5	-6032.2	2218	9.9	103900.0	-6003.6	2238	9.8	103943.0	-6052.9
2199	7.7	103821.0	-6020.0	2219	9.8	103906.0	-6049.5	2239	9.9	103943.0	-6042.9
2200	8.5	103822.0	-6034.3	2220	9.8	103909.0	-6031.8	2240	8.3	103944.0	-6042.4
2201	9.7	103822.5	-6000.4	2221	9.6	103910.0	-6039.8	2241	9.7	103947.0	-6007.8
2202	9.4	103825.5	-6021.9	2222	9.8	103912.5	-6029.0	2242	9.0	103951.0	-6055.4
2203	6.4	103827.0	-6030.9	2223	9.9	103913.5	-6054.6	2243	8.5	103953.5	-6034.6
2254	9.6	104031.0	-6045.0	2244	8.6	103954.5	-6018.6	2264	9.2	104105.0	-6057.1
2255	9.8	104033.0	-6042.1	2245	9.4	104003.5	-6037.9	2265	8.3	104105.5	-6056.9
2256	9.6	104034.0	-6023.0	2246	9.8	104009.5	-6035.4	2266	9.8	104119.5	-6021.0
2257	9.8	104034.5	-6030.7	2247	9.6	104012.0	-6049.6	2267	9.9	104124.0	-6014.4
2258	9.8	104039.0	-6005.9	2248	9.8	104013.0	-6009.2	2268	8.8	104124.5	-6037.0
2259	9.8	104047.5	-6029.0	2249	9.6	104016.0	-6031.2	2269	9.8	104127.0	-6034.4
2260	9.5	104055.5	-6013.5	2250	9.3	104017.5	-6055.8	2270	9.9	104127.4	-6058.6
2261	9.9	104058.5	-6013.5	2251	9.0	104019.8	-6000.1	2271	8.8	104127.5	-6010.0
2262	9.0	104100.5	-6039.7	2252	9.7	104023.4	-6058.3	2272	8.6	104129.0	-6014.7
2263	9.2	104102.5	-6028.3	2253	9.6	104029.0	-6011.6	2273	9.2	104147.5	-6015.4

2274	9.5	104205.0	-6055.0	2364	9.4	104831.5	-6055.0	2454	9.8	105558.8	-6036.1
2275	8.8	104205.0	-6032.0	2365	8.9	104834.2	-6059.9	2455	8.1	105605.0	-6033.0
2276	9.6	104206.0	-6002.1	2366	9.2	104841.5	-6038.7	2456	8.6	105611.0	-6035.2
2277	9.6	104215.0	-6009.9	2367	9.9	104850.0	-6010.0	2457	9.6	105620.5	-6042.9
2278	9.8	104217.5	-6015.6	2368	9.8	104854.8	-6005.5	2458	9.8	105628.0	-6009.6
2279	9.8	104225.0	-6057.7	2369	9.3	104902.5	-6001.4	2459	8.8	105631.0	-6022.6
2280	9.4	104228.5	-6016.6	2370	9.4	104904.0	-6025.6	2460	7.8	105635.0	-6053.4
2281	9.8	104229.0	-6053.8	2371	9.7	104904.8	-6023.0	2461	9.9	105636.0	-6001.1
2282	9.4	104233.5	-6027.0	2372	9.9	104908.0	-6018.0	2462	9.5	105638.0	-6018.9
2283	9.8	104240.5	-6027.0	2373	9.2	104912.5	-6017.0	2463	9.9	105639.0	-6038.8
2284	9.6	104241.5	-6019.0	2374	9.7	104914.5	-6056.6	2464	9.6	105652.5	-6013.0
2285	9.3	104243.0	-6006.8	2375	9.8	104916.8	-6040.0	2465	9.4	105700.5	-6050.9
2286	9.8	104244.0	-6022.4	2376	9.4	104918.0	-6052.1	2466	9.0	105702.5	-6047.0
2287	9.2	104251.0	-6035.1	2377	9.9	104924.0	-6024.0	2467	9.8	105702.8	-6014.6
2288	9.8	104251.5	-6005.1	2378	8.3	104925.0	-6006.0	2468	9.8	105709.5	-6001.5
2289	9.7	104258.5	-6018.7	2379	9.2	104931.0	-6055.8	2469	8.8	105712.5	-6005.3
2290	9.6	104301.5	-6009.1	2380	9.1	104935.0	-6022.8	2470	9.4	105715.5	-6033.0
2291	9.3	104302.5	-6057.5	2381	9.4	104957.0	-6018.0	2471	9.7	105716.0	-6005.7
2292	9.9	104309.0	-6003.9	2382	8.6	104958.5	-6048.0	2472	9.5	105720.0	-6004.9
2293	9.6	104313.0	-6005.1	2383	9.9	105000.5	-6033.0	2473	9.2	105722.5	-6008.6
2294	9.7	104318.0	-6041.6	2384	9.8	105005.0	-6052.7	2474	9.9	105724.0	-6026.5
2295	9.2	104321.5	-6002.0	2385	8.6	105013.5	-6011.6	2475	9.8	105730.0	-6011.3
2296	9.8	104337.0	-6052.7	2386	9.5	105021.0	-6016.3	2476	9.0	105741.5	-6033.4
2297	9.8	104341.5	-6017.0	2387	9.4	105030.5	-6008.4	2477	9.8	105742.4	-6000.1
2298	8.9	104342.5	-6016.5	2388	8.9	105039.5	-6049.0	2478	7.9	105756.8	-6009.2
2299	9.8	104345.0	-6033.0	2389	9.4	105042.5	-6002.8	2479	8.7	105758.5	-6014.2
2300	8.3	104350.5	-6029.0	2390	9.0	105042.5	-6033.3	2480	8.6	105804.5	-6000.5
2301	9.8	104356.0	-6002.8	2391	9.9	105045.0	-6013.6	2481	9.7	105804.8	-6017.2
2302	9.6	104358.5	-6039.6	2392	9.8	105054.0	-6050.0	2482	9.9	105809.3	-6000.4
2303	9.6	104359.5	-6054.6	2393	9.8	105110.5	-6059.1	2483	9.1	105809.5	-6046.9
2304	9.7	104403.5	-6048.5	2394	9.9	105113.0	-6054.5	2484	9.8	105812.0	-6006.8
2305	9.5	104406.5	-6003.8	2395	9.0	105123.0	-6042.0	2485	9.4	105815.0	-6018.5
2306	9.2	104412.0	-6035.9	2396	9.3	105125.5	-6014.3	2486	9.4	105816.0	-6031.9
2307	8.9	104417.5	-6003.3	2397	9.2	105129.5	-6031.1	2487	9.7	105819.5	-6006.6
2308	9.9	104430.5	-6037.5	2398	9.6	105129.8	-6025.8	2488	9.4	105826.0	-6027.6
2309	9.8	104441.5	-6011.0	2399	9.7	105130.0	-6010.0	2489	9.6	105832.0	-6031.6
2310	9.9	104447.5	-6035.0	2400	9.6	105133.0	-6026.7	2490	9.9	105837.5	-6033.5
2311	9.2	104505.0	-6005.9	2401	9.8	105134.5	-6028.9	2491	9.8	105840.5	-6008.8
2312	8.8	104508.3	-6038.4	2402	9.8	105138.5	-6004.3	2492	9.7	105847.5	-6018.9
2313	9.8	104510.5	-6008.4	2403	9.8	105140.5	-6028.6	2493	9.9	105854.0	-6006.5
2314	9.7	104519.0	-6024.1	2404	9.8	105141.5	-6032.0	2494	9.8	105854.5	-6041.6
2315	9.7	104531.5	-6008.4	2405	9.8	105154.0	-6048.4	2495	9.2	105857.5	-6033.1
2316	9.8	104535.5	-6050.4	2406	8.9	105155.0	-6045.3	2496	9.7	105901.0	-6003.9
2317	7.5	104549.5	-6036.4	2407	9.7	105155.0	-6045.9	2497	9.4	105905.0	-6018.2
2318	9.6	104550.5	-6050.7	2408	9.2	105157.5	-6015.7	2498	8.5	105905.5	-6015.3
2319	9.7	104554.0	-6048.4	2409	8.8	105159.0	-6026.5	2499	8.4	105921.0	-6048.8
2320	8.7	104555.0	-6008.1	2410	8.8	105205.0	-6031.1	2500	9.2	105935.8	-6056.8
2321	8.6	104605.0	-6054.6	2411	8.5	105209.8	-6010.6	2501	9.9	105941.0	-6009.9
2322	9.8	104609.0	-6036.3	2412	8.6	105214.8	-6003.5	2502	9.8	105942.0	-6008.8
2323	9.8	104614.5	-6022.3	2413	8.7	105219.8	-6026.2	2503	9.8	105945.0	-6005.2
2324	9.3	104616.3	-6002.0	2414	9.8	105222.5	-6015.8	2504	9.4	105945.0	-6016.0
2325	9.2	104622.0	-6023.3	2415	9.8	105223.0	-6024.1	2505	7.6	105945.0	-6022.6
2326	9.1	104623.0	-6016.8	2416	9.6	105224.5	-6023.0	2506	9.2	105951.0	-6043.1
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2846	9.6	111537.0	-6004.1
2847	10.0	111542.0	-6040.6
2848	10.0	111546.0	-6045.9
2849	9.6	111551.2	-6000.2
2850	8.4	111604.5	-6032.5
2851	9.1	111607.0	-6019.5
2852	9.2	111609.0	-6018.2
2853	10.0	111613.5	-6019.8
2854	9.9	111616.5	-6017.9
2855	10.0	111620.5	-6017.2
2856	9.4	111623.5	-6018.9
2857	8.9	111628.0	-6020.6
2858	9.6	111630.0	-6017.1
2859	10.0	111633.5	-6027.5
2860	9.3	111640.0	-6038.2
2861	9.6	111640.5	-6006.4
2862	10.0	111642.0	-6006.3
2863	9.9	111643.0	-6023.5
2864	10.0	111644.0	-6035.7
2865	8.4	111645.5	-6002.9
2866	9.5	111648.0	-6041.1
2867	8.7	111648.5	-6023.2
2868	10.0	111649.0	-6044.1
2869	9.6	111650.0	-6035.4
2870	9.8	111652.5	-6017.6
2871	10.0	111652.5	-6034.3
2872	10.0	111658.5	-6035.6
2873	9.5	111658.5	-6015.1
2874	10.0	111709.5	-6017.3
2875	10.0	111709.5	-6008.3
2876	9.9	111712.5	-6017.2
2877	9.8	111715.0	-6053.0
2878	9.9	111722.0	-6027.1
2879	9.0	111724.0	-6051.0
2880	9.9	111731.0	-6039.4
2881	9.4	111731.5	-6056.1
2882	9.0	111732.5	-6057.1
2883	10.0	111733.0	-6029.9
2884	9.5	111738.0	-6024.0
2885	9.5	111739.5	-6008.1
2886	9.5	111749.0	-6036.1
2887	9.6	111752.5	-6002.1
2888	10.0	111800.0	-6035.2
2889	10.0	111806.0	-6021.8
2890	9.6	111807.5	-6059.2
2891	8.5	111821.5	-6010.9
2892	8.6	111823.0	-6024.2
2893	8.9	111825.5	-6040.1
2894	10.0	111828.0	-6011.4
2895	10.0	111836.5	-6000.8
2896	10.0	111840.0	-6051.4
2897	9.8	111847.5	-6059.0
2898	10.0	111847.5	-6022.1
2899	10.0	111849.5	-6051.2
2900	9.5	111851.0	-6017.2
2901	10.0	111853.0	-6037.2
2902	10.0	111856.5	-6050.2
2903	10.0	111858.5	-6042.9

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2904	9.1	111902.5	-6050.7
2905	10.0	111903.5	-6025.2
2906	9.0	111907.0	-6022.1
2907	10.0	111910.5	-6048.0
2908	10.0	111911.0	-6032.3
2909	9.5	111913.5	-6052.3
2910	9.3	111913.5	-6003.3
2911	8.7	111914.8	-6058.0
2912	9.3	111915.0	-6026.3
2913	9.0	111921.0	-6051.4
2914	9.0	111921.0	-6035.6
2915	10.0	111921.5	-6047.2
2916	9.2	111930.0	-6006.6
2917	9.5	111930.5	-6002.9
2918	9.5	111933.0	-6028.4
2919	9.1	111939.5	-6041.0
2920	8.7	111939.5	-6035.3
2921	10.0	111943.5	-6038.3
2922	10.0	111950.0	-6036.0
2923	8.5	111953.0	-6017.2
2924	9.9	111953.0	-6006.4
2925	9.7	111956.0	-6002.0
2926	10.0	111959.5	-6036.3
2927	10.0	111959.5	-6003.4
2928	10.0	112012.5	-6027.0
2929	10.0	112012.5	-6003.3
2930	10.0	112013.0	-6011.8
2931	9.2	112022.5	-6041.1
2932	9.8	112024.0	-6047.3
2933	8.3	112026.0	-6057.7
2934	9.0	112031.0	-6020.5
2935	10.0	112034.0	-6053.5
2936	10.0	112043.0	-6038.1
2937	10.0	112045.0	-6027.4
2938	9.9	112048.3	-6057.3
2939	9.8	112048.5	-6052.9
2940	9.9	112055.0	-6031.4
2941	5.1	112057.0	-6025.6
2942	9.8	112107.0	-6049.2
2943	10.0	112107.0	-6048.0
2944	9.6	112110.5	-6053.1
2945	10.0	112117.5	-6041.2
2946	9.7	112122.5	-6052.4
2947	9.5	112123.0	-6013.1
2948	8.8	112123.0	-6041.0
2949	9.8	112127.0	-6009.5
2950	10.0	112132.5	-6012.1
2951	9.7	112134.0	-6036.1
2952	10.0	112148.0	-6044.1
2953	10.0	112154.5	6000.7
2954	10.0	112159.5	-6025.2
2955	9.1	112200.5	-6058.0
2956	9.5	112202.0	-6053.1
2957	10.0	112206.5	-6046.5
2958	10.0	112207.0	-6045.2
2959	10.0	112211.0	-6023.9
2960	9.6	112211.5	-6015.7
2961	10.0	112218.5	-6001.9
2962	9.9	112219.5	-6017.0
2963	9.6	112223.0	-6031.3
2964	10.0	112223.8	-6057.1
2965	8.6	112225.0	-6043.3
2966	10.0	112231.5	-6028.8
2967	9.6	112232.5	-6034.2
2968	9.5	112235.5	-6049.9
2969	9.5	112236.0	-6017.1
2970	10.0	112236.5	-6020.1
2971	9.9	112243.0	-6012.6
2972	9.9	112243.5	-6012.1
2973	9.6	112244.5	-6017.0
2974	9.1	112249.0	-6053.9
2975	9.2	112249.5	-6018.9
2976	9.6	112250.0	-6003.0
2977	9.4	112252.5	-6041.7
2978	8.9	112303.0	-6023.6
2979	9.6	112303.0	-6047.1
2980	9.8	112308.5	-6048.1
2981	9.9	112311.5	-6048.2
2982	9.2	112319.5	-6049.9
2983	8.7	112320.5	-6011.5
2984	10.0	112333.0	-6047.2
2985	10.0	112339.5	-6012.2
2986	8.6	112349.0	-6054.4
2987	9.6	112350.5	-6053.4
2988	9.3	112350.5	-6020.5
2989	9.8	112351.0	-6037.2
2990	10.0	112353.0	-6032.9
2991	9.7	112403.8	-6059.0
2992	10.0	112407.5	-6041.3
2993	9.2	112412.5	-6033.8

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2994	9.8	112419.0	-6003.2
2995	10.0	112429.5	-6028.4
2996	9.7	112447.0	-6049.1
2997	10.0	112452.0	-6005.4
2998	10.0	112453.0	-6051.7
2999	9.6	112453.5	-6045.9
3000	10.0	112456.5	-6032.7
3001	10.0	112502.0	-6050.6
3002	8.6	112503.5	-6023.2
3003	9.8	112506.5	-6046.0
3004	9.4	112506.5	-6018.3
3005	10.0	112509.0	-6009.3
3006	9.4	112511.5	-6004.0
3007	10.0	112512.5	-6026.1
3008	9.5	112520.0	-6057.2
3009	10.0	112520.5	-6051.9
3010	10.0	112520.5	-6031.6
3011	7.5	112532.5	-6035.3
3012	9.7	112536.0	-6007.1
3013	9.8	112559.0	-6027.3
3014	10.0	112559.5	-6003.0
3015	9.1	112600.2	-6002.0
3016	9.6	112601.0	-6054.9
3017	8.2	112605.0	-6000.3
3018	9.5	112606.5	-6002.4
3019	9.2	112611.5	-6056.8
3020	9.5	112614.5	-6006.0
3021	9.5	112615.0	-6011.3
3022	10.0	112622.0	-6052.4
3023	10.0	112622.5	-6053.4
3024	9.5	112622.5	-6040.0
3025	10.0	112626.5	-6015.4
3026	9.6	112627.5	-6007.1
3027	10.0	112632.0	-6007.4
3028	7.9	112632.0	-6009.8
3029	9.0	112635.5	-6028.2
3030	9.7	112635.5	-6002.8
3031	9.8	112636.5	-6001.1
3032	10.0	112642.5	-6006.9
3033	10.0	112642.5	-6035.2
3034	8.4	112643.5	-6055.3
3035	10.0	112648.0	-6048.1
3036	10.0	112648.5	-6045.9
3037	8.2	112650.5	-6003.5
3038	9.1	112652.5	-6011.8
3039	8.9	112653.0	-6042.1
3040	10.0	112701.0	-6001.3
3041	10.0	112701.5	-6033.0
3042	9.5	112705.0	-6051.7
3043	9.5	112707.0	-6051.1
3044	10.0	112711.5	-6018.1
3045	9.4	112717.5	-6038.3
3046	10.0	112717.5	-6042.1
3047	10.0	112723.5	-6042.3
3048	9.4	112730.0	-6012.0
3049	9.5	112731.5	-6055.0
3050	9.2	112733.0	-6004.3
3051	9.9	112737.5	-6050.1
3052	9.8	112740.5	-6031.8
3053	8.3	112740.5	-6004.9
3054	10.0	112742.5	-6020.0
3055	10.0	112742.5	-6051.7
3056	9.6	112751.0	-6051.0
3057	9.5	112759.0	-6047.5
3058	8.8	112802.0	-6011.8
3059	10.0	112805.5	-6001.2
3060	10.0	112806.0	-6053.5
3061	10.0	112815.5	-6008.4
3062	9.5	112820.5	-6021.6
3063	9.5	112822.5	-6012.0
3064	10.0	112836.0	-6049.7
3065	9.9	112842.5	-6007.8
3066	10.0	112849.5	-6027.1
3067	9.8	112858.5	-6013.8
3068	10.0	112902.5	-6041.0
3069	8.7	112903.0	-6005.9
3070	9.4	112904.0	-6046.3
3071	9.7	112905.0	-6055.7
3072	9.7	112909.5	-6011.1
3073	10.0	112912.5	-6015.2
3074	9.6	112922.0	-6013.4
3075	7.2	112929.0	-6012.1
3076	9.5	112935.5	-6050.6
3077	9.9	112937.0	-6019.6
3078	10.0	112939.5	-6044.7
3079	10.0	112942.0	-6032.6
3080	8.7	112944.0	-6003.3
3081	10.0	112944.2	-6001.7
3082	9.8	112946.0	-6054.2
3083	9.4	112949.0	-6053.5
3084	10.0	112949.0	-6055.2
3085	9.6	112949.5	-6031.7
3086	10.0	112950.0	-6003.7
3087	9.8	112950.0	-6047.6
3088	9.4	112950.0	-6052.6
3089	10.0	112950.0	-6059.8
3090	6.8	112952.5	-6035.7
3091	9.2	112953.0	-6055.4
3092	9.8	112955.5	-6059.5
3093	10.0	112957.0	-6054.6
3094	8.8	112957.5	-6053.2
3095	8.2	113000.0	-6052.2
3096	9.0	113000.0	-6047.9
3097	9.7	113002.0	-6054.7
3098	8.4	113005.0	-6056.8
3099	9.4	113005.0	-6058.2
3100	9.1	113005.0	-6043.2
3101	9.6	113007.0	-6053.0
3102	8.2	113007.5	-6054.8
3103	10.0	113007.5	-6027.2
3104	9.9	113008.5	-6051.0
3105	9.9	113009.5	-6056.9
3106	10.0	113012.0	-6050.9
3107	10.0	113012.0	-6052.9
3108	9.0	113012.0	-6055.9
3109	10.0	113012.0	-6027.2
3110	10.0	113012.0	-6049.0
3111	10.0	113014.5	-6000.5
3112	8.4	113016.0	-6053.9
3113	10.0	113016.0	-6054.4
3114	10.0	113016.5	-6057.4
3115	10.0	113017.0	-6015.1
3116	9.0	113017.0	-6053.5
3117	9.6	113018.0	-6059.4
3118	10.0	113018.5	-6056.4
3119	10.0	113019.0	-6050.4
3120	9.4	113020.0	-6052.9
3121	9.6	113020.0	-6056.8
3122	8.8	113020.0	-6057.2
3123	10.0	113020.5	-6050.4
3124	10.0	113021.0	-6035.0
3125	9.1	113021.5	-6054.2
3126	8.5	113022.0	-6056.2
3127	10.0	113022.0	-6055.1
3128	8.3	113022.5	-6054.3
3129	8.7	113023.0	-6051.2
3130	10.0	113023.0	-6057.0
3131	10.0	113023.5	-6053.7
3132	10.0	113024.0	-6059.9
3133	8.9	113026.0	-6056.1
3134	9.4	113028.0	-6053.5
3135	9.9	113028.5	-6054.7
3136	8.4	113028.5	-6046.4
3137	9.2	113030.0	-6054.1
3138	9.5	113030.0	-6055.6
3139	9.5	113030.0	-6059.3
3140	5.7	113031.0	-6021.7
3141	9.3	113031.5	-6022.9
3142	9.8	113032.0	-6035.4
3143	9.4	113032.0	-6055.5
3144	9.5	113032.0	-6056.0
3145	8.4	113032.0	-6057.6
3146	10.0	113032.0	-6031.9
3147	9.0	113032.0	-6053.8
3148	8.6	113032.5	-6054.2
3149	9.4	113033.0	-6055.0
3150	9.3	113036.0	-6059.0
3151	9.1	113038.0	-6026.0
3152	9.0	113038.0	-6037.7
3153	10.0	113038.5	-6015.3
3154	10.0	113038.5	-6054.1
3155	7.4	113040.0	-6058.4
3156	8.9	113040.5	-6027.8
3157	8.4	113042.0	-6053.0
3158	9.1	113042.5	-6053.3
3159	7.6	113043.5	-6012.1
3160	9.4	113045.5	-6029.1
3161	8.9	113046.0	-6055.1
3162	9.7	113048.0	-6031.1
3163	9.7	113049.5	-6051.6
3164	10.0	113050.0	-6052.8
3165	9.8	113052.0	-6056.4
3166	10.0	113052.0	-6054.2
3167	10.0	113052.0	-6053.0
3168	8.7	113052.0	-6050.1
3169	10.0	113052.0	-6046.1
3170	10.0	113055.5	-6042.0
3171	9.4	113058.0	-6027.1
3172	9.6	113059.0	-6045.1
3173	9.7	113059.5	-6016.0

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3174	9.8	113100.5	-6054.9
3175	8.6	113101.0	-6058.6
3176	9.8	113102.5	-6023.4
3177	10.0	113105.8	-6058.1
3178	8.7	113107.0	-6029.3
3179	10.0	113109.0	-6025.1
3180	9.5	113110.5	-6055.2
3181	8.7	113111.5	-6033.7
3182	7.1	113113.0	-6035.5
3183	10.0	113115.0	-6050.3
3184	10.0	113116.5	-6055.9
3185	10.0	113119.5	-6055.1
3186	9.6	113121.0	-6058.0
3187	9.6	113122.0	-6020.1
3188	10.0	113123.0	-6005.3
3189	9.8	113125.5	-6039.1
3190	8.6	113129.5	-6002.2
3191	8.8	113132.0	-6044.4
3192	9.9	113135.5	-6051.1
3193	10.0	113135.5	-6041.5
3194	9.6	113140.0	-6059.1
3195	7.2	113142.0	-6047.5
3196	8.2	113143.0	-6012.8
3197	9.7	113145.0	-6031.4
3198	9.4	113145.5	-6012.1
3199	10.0	113146.5	-6043.5
3200	10.0	113146.5	-6018.3
3201	7.6	113146.5	-6017.4
3202	9.8	113149.5	-6055.9
3203	9.5	113155.5	-6048.0
3204	9.7	113201.5	-6057.2
3205	10.0	113203.3	-6057.4
3206	10.0	113209.0	-6012.0
3207	8.7	113218.5	-6040.8
3208	9.5	113222.0	-6029.8
3209	9.4	113230.5	-6058.2
3210	10.0	113233.5	-6018.2
3211	10.0	113234.5	-6053.0
3212	8.9	113239.0	-6040.4
3213	10.0	113244.5	-6025.5
3214	9.8	113259.0	-6012.1
3215	8.6	113313.0	-6042.1
3216	9.8	113320.5	-6046.4
3217	9.3	113322.0	-6043.1
3218	9.5	113325.0	-6045.1
3219	10.0	113326.5	-6025.5
3220	9.7	113329.5	-6015.1
3221	9.8	113332.5	-6019.6
3222	8.4	113335.0	-6028.2
3223	9.4	113340.5	-6026.7
3224	9.6	113341.5	-6047.5
3225	9.4	113402.5	-6021.0
3226	10.0	113405.0	-6012.4
3227	9.4	113406.0	-6034.8
3228	9.5	113407.5	-6034.4
3229	9.2	113409.0	-6056.1
3230	9.2	113409.5	-6012.3
3231	7.5	113412.5	-6029.5
3232	10.0	113418.0	-6030.1
3233	8.6	113420.0	-6043.1
3234	10.0	113421.0	-6053.8
3235	9.9	113425.5	-6013.5
3236	9.8	113430.5	-6023.3
3237	10.0	113449.5	-6028.1
3238	9.4	113452.0	-6024.8
3239	8.6	113454.0	-6017.2
3240	10.0	113459.0	-6042.8
3241	9.6	113500.5	-6041.2
3242	9.3	113501.0	-6027.8
3243	8.7	113502.0	-6019.3
3244	9.8	113505.5	-6004.0
3245	10.0	113507.5	-6053.4
3246	8.4	113508.0	-6013.9
3247	9.8	113511.0	-6036.6
3248	8.1	113515.0	-6026.9
3249	9.5	113517.0	-6004.7
3250	9.9	113517.5	-6003.5
3251	9.4	113518.5	-6018.0
3252	9.4	113529.5	-6017.7
3253	9.6	113532.0	-6044.3
3254	8.6	113535.5	-6018.1
3255	10.0	113537.0	-6020.0
3256	10.0	113538.5	-6027.1
3257	9.6	113540.5	-6012.0
3258	9.8	113540.5	-6057.1
3259	10.0	113556.5	-6026.4
3260	10.0	113600.0	-6004.1
3261	10.0	113601.0	-6059.1
3262	9.8	113601.0	-6004.0
3263	10.0	113604.5	-6004.7
3264	9.1	113605.5	-6058.9
3265	10.0	113613.5	-6048.0
3266	9.0	113621.5	-6016.1
3267	9.5	113624.5	-6032.1
3268	9.6	113624.5	-6011.1
3269	10.0	113628.5	-6045.2
3270	10.0	113632.0	-6033.0
3271	10.0	113632.5	-6047.2
3272	9.6	113642.0	-6047.3
3273	10.0	113649.5	-6049.1
3274	8.2	113649.5	-6048.9
3275	9.9	113654.0	-6055.1
3276	10.0	113655.0	-6025.4
3277	10.0	113657.5	-6003.5
3278	8.8	113708.5	-6002.5
3279	9.5	113710.5	-6056.5
3280	10.0	113714.2	-6001.0
3281	9.2	113718.0	-6005.5
3282	9.2	113722.0	-6029.6
3283	10.0	113722.0	-6030.3
3284	9.2	113725.5	-6059.6
3285	10.0	113730.0	-6026.1
3286	9.5	113732.0	-6013.5
3287	10.0	113736.5	-6047.0
3288	9.4	113739.5	-6017.9
3289	9.2	113740.5	-6008.2
3290	9.3	113741.0	-6013.1
3291	10.0	113753.3	-6058.6
3292	9.6	113807.0	-6043.5
3293	10.0	113807.3	-6000.1
3294	9.7	113809.5	-6024.0
3295	10.0	113813.5	-6007.1
3296	10.0	113814.0	-6059.1
3297	8.9	113826.5	-6047.5
3298	8.8	113838.5	-6009.4
3299	9.1	113845.0	-6029.7
3300	9.4	113847.0	-6013.5
3301	10.0	113849.0	-6012.4
3302	9.7	113850.5	-6013.1
3303	10.0	113901.0	-6027.0
3304	8.4	113905.0	-6049.3
3305	9.4	113909.0	-6016.4
3306	10.0	113909.5	-6021.3
3307	9.5	113917.0	-6046.0
3308	9.5	113919.0	-6011.1
3309	9.6	113920.5	-6051.4
3310	9.2	113921.0	-6000.5
3311	9.6	113931.5	-6057.2
3312	8.4	113938.0	-6030.3
3313	10.0	113940.5	-6015.2
3314	7.8	113943.0	-6045.1
3315	8.3	113944.5	-6046.1
3316	10.0	113958.5	-6049.8
3317	10.0	113959.0	-6017.0
3318	9.9	114001.5	-6012.3
3319	8.9	114002.0	-6044.7
3320	9.5	114008.0	-6017.0
3321	9.8	114014.5	-6018.3
3322	10.0	114018.0	-6020.0
3323	10.0	114018.5	-6001.8
3324	9.4	114020.0	-6014.1
3325	5.7	114027.0	-6029.0
3326	9.7	114032.0	-6026.9
3327	10.0	114036.0	-6030.0
3328	9.5	114041.0	-6028.2
3329	9.9	114049.5	-6012.4
3330	8.1	114049.5	-6020.7
3331	10.0	114050.0	-6012.5
3332	9.8	114051.5	-6049.5
3333	8.9	114051.5	-6046.1
3334	8.7	114059.5	-6026.1
3335	8.8	114110.0	-6027.9
3336	8.6	114112.0	-6012.0
3337	8.8	114114.5	-6047.3
3338	9.4	114116.0	-6030.1
3339	9.4	114118.0	-6043.2
3340	9.9	114121.0	-6001.8
3341	10.0	114126.3	-6057.8
3342	10.0	114140.5	-6056.7
3343	10.0	114140.7	-6016.1
3344	10.0	114142.0	-6018.2
3345	10.2	114146.5	-6049.5
3346	10.2	114148.0	-6055.3
3347	10.0	114149.2	-6003.9
3348	10.2	114156.0	-6002.1
3349	10.2	114201.0	-6055.0
3350	10.2	114201.2	-6033.3
3351	10.0	114206.3	-6042.9
3352	9.6	114209.2	-6011.0
3353	9.6	114209.5	-6038.2

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3354	10.0	114216.2	-6059.3
3355	9.3	114218.0	-6053.7
3356	8.7	114219.0	-6055.6
3357	9.5	114221.0	-6048.3
3358	10.2	114221.0	-6039.4
3359	9.5	114228.0	-6020.3
3360	10.0	114228.0	-6032.1
3361	10.0	114231.0	-6031.9
3362	10.0	114234.0	-6039.4
3363	9.0	114234.0	-6047.5
3364	9.6	114234.4	-6001.7
3365	8.9	114237.5	-6052.1
3366	10.0	114239.5	-6035.7
3367	10.2	114241.0	-6044.4
3368	10.0	114242.0	-6012.3
3369	9.1	114244.5	-6014.2
3370	10.2	114244.5	-6010.7
3371	10.2	114249.0	-6059.9
3372	9.9	114251.0	-6043.2
3373	9.2	114255.0	-6044.9
3374	9.1	114258.0	-6027.1
3375	10.0	114300.5	-6018.9
3376	9.9	114301.0	-6059.9
3377	10.2	114301.0	-6045.1
3378	10.2	114302.0	-6036.6
3379	9.1	114304.9	-6057.6
3380	10.0	114305.5	-6042.1
3381	9.3	114308.0	-6045.7
3382	10.2	114309.5	-6047.9
3383	9.2	114311.5	-6033.5
3384	10.2	114320.0	-6001.6
3385	10.2	114321.0	-6047.0
3386	9.5	114322.5	-6035.6
3387	9.8	114324.0	-6030.9
3388	10.2	114324.0	-6018.7
3389	10.2	114325.0	-6045.5
3390	10.2	114325.0	-6046.9
3391	9.4	114326.0	-6057.9
3392	9.6	114328.0	-6035.3
3393	10.0	114329.5	-6019.0
3394	10.0	114330.0	-6010.1
3395	9.8	114331.2	-6000.2
3396	10.2	114331.5	-6020.3
3397	10.2	114335.0	-6054.5
3398	9.9	114345.0	-6038.9
3399	9.7	114345.5	-6009.9
3400	9.6	114354.0	-6043.9
3401	9.8	114354.0	-6041.7
3402	10.0	114400.0	-6019.8
3403	10.0	114401.0	-6034.1
3404	9.7	114401.5	-6030.2
3405	10.2	114402.0	-6025.5
3406	9.4	114404.5	-6031.9
3407	9.6	114404.5	-6040.7
3408	10.2	114407.0	-6010.3
3409	9.8	114409.0	-6024.4
3410	9.8	114414.0	-6028.3
3411	9.6	114414.0	-6020.2
3412	9.0	114419.0	-6052.1
3413	10.2	114420.0	-6029.5
3414	10.0	114421.0	-6025.9
3415	8.4	114424.5	-6006.0
3416	9.4	114427.5	-6031.0
3417	10.2	114427.5	-6029.9
3418	10.2	114429.0	-6053.3
3419	9.1	114429.8	-6058.1
3420	10.0	114431.5	-6012.9
3421	10.2	114433.0	-6032.3
3422	10.0	114438.0	-6017.1
3423	9.2	114441.0	-6040.6
3424	10.2	114442.0	-6050.3
3425	10.0	114452.0	-6011.2
3426	10.2	114454.0	-6049.3
3427	9.7	114458.5	-6025.9
3428	10.0	114458.5	-6032.9
3429	9.9	114500.5	-6010.9
3430	9.7	114501.0	-6026.0
3431	9.6	114501.5	-6006.0
3432	10.2	114508.0	-6005.9
3433	10.0	114508.0	-6020.4
3434	10.2	114516.0	-6030.9
3435	9.4	114518.0	-6031.3
3436	10.2	114518.5	-6048.3
3437	9.2	114521.5	-6053.3
3438	9.9	114524.5	-6004.9
3439	9.0	114526.5	-6047.9
3440	10.2	114528.0	-6042.1
3441	10.2	114530.0	-6036.5
3442	9.3	114534.0	-6027.9
3443	10.0	114547.5	-6023.3
3444	9.8	114553.5	-6033.3
3445	10.0	114554.5	-6037.1
3446	9.2	114600.0	-6021.5
3447	9.6	114600.5	-6047.7
3448	9.2	114604.5	-6057.7
3449	10.2	114607.0	-6036.7
3450	9.9	114608.0	-6032.5
3451	10.0	114611.5	-6040.1
3452	10.0	114613.0	-6016.1
3453	10.0	114615.0	-6046.3
3454	8.5	114619.5	-6049.8
3455	10.2	114620.0	-6005.6
3456	9.6	114621.5	-6015.1
3457	8.9	114624.0	-6030.8
3458	10.0	114629.0	-6012.2
3459	10.2	114631.0	-6028.0
3460	10.2	114641.0	-6035.0
3461	9.0	114643.5	-6019.3
3462	10.2	114643.5	-6030.1
3463	9.1	114649.0	-6004.3
3464	10.0	114652.0	-6019.9
3465	10.0	114657.5	-6052.1
3466	10.2	114702.0	-6045.1
3467	10.2	114704.0	-6002.9
3468	9.1	114706.0	-6012.2
3469	9.7	114709.0	-6023.9
3470	9.5	114717.0	-6019.9
3471	9.9	114718.0	-6016.1
3472	10.2	114718.0	-6004.2
3473	8.5	114718.5	-6035.0
3474	9.6	114720.0	-6008.9
3475	9.6	114730.0	-6020.0
3476	9.6	114731.0	-6016.6
3477	10.2	114736.0	-6054.8
3478	9.7	114740.5	-6042.1
3479	9.7	114744.0	-6015.9
3480	9.3	114745.0	-6057.7
3481	10.0	114746.0	-6033.3
3482	9.0	114749.0	-6017.0
3483	10.2	114750.0	-6047.7
3484	10.2	114755.5	-6004.3
3485	9.8	114758.0	-6033.5
3486	10.2	114801.0	-6022.0
3487	9.4	114801.5	-6020.9
3488	10.2	114804.0	-6022.5
3489	9.9	114806.0	-6004.4
3490	9.6	114817.0	-6038.9
3491	9.6	114817.5	-6044.7
3492	9.6	114818.0	-6032.8
3493	10.0	114829.5	-6050.3
3494	9.8	114837.5	-6013.6
3495	9.4	114842.5	-6007.7
3496	9.6	114846.5	-6058.0
3497	10.2	114849.5	-6015.9
3498	10.0	114850.5	-6044.5
3499	10.2	114854.0	-6026.0
3500	10.2	114855.5	-6057.3
3501	9.8	114857.5	-6055.8
3502	9.5	114857.5	-6019.6
3503	10.0	114858.5	-6014.3
3504	9.0	114924.5	-6007.8
3505	10.2	114927.0	-6058.2
3506	9.8	114927.5	-6016.0
3507	10.0	114932.5	-6017.1
3508	10.2	114933.2	-6000.6
3509	9.7	114940.5	-6003.9
3510	10.0	114947.5	-6015.1
3511	9.8	114950.5	-6015.9
3512	9.7	114951.5	-6018.3
3513	9.7	115000.0	-6052.9
3514	10.2	115011.0	-6052.6
3515	9.9	115017.5	-6040.7
3516	9.4	115022.5	-6016.4
3517	9.2	115024.5	-6032.2
3518	9.6	115025.5	-6044.0
3519	10.2	115030.5	-6009.1
3520	9.8	115034.0	-6024.7
3521	9.7	115040.5	-6006.2
3522	9.0	115040.5	-6047.9
3523	10.2	115041.5	-6058.5
3524	10.2	115043.5	-6000.3
3525	9.2	115043.5	-6017.3
3526	9.1	115046.0	-6045.3
3527	9.6	115054.5	-6046.0
3528	9.8	115104.0	-6039.7
3529	10.2	115108.5	-6002.1
3530	9.0	115109.5	-6025.7
3531	9.8	115109.5	-6003.8
3532	8.6	115118.5	-6051.1
3533	9.8	115121.0	-6056.1
3534	10.0	115123.0	-6010.1
3535	9.9	115123.5	-6027.2
3536	10.2	115128.5	-6032.6
3537	10.0	115149.5	-6031.0
3538	10.0	115156.5	-6059.1
3539	10.2	115203.5	-6020.9
3540	9.4	115209.5	-6052.1
3541	9.0	115217.5	-6028.1
3542	9.4	115218.0	-6011.1
3543	10.2	115218.0	-6016.3
3544	10.0	115230.5	-6004.7
3545	10.2	115245.5	-6026.0
3546	10.2	115249.5	-6041.2
3547	9.8	115249.5	-6012.1
3548	9.8	115250.5	-6003.9
3549	9.6	115259.5	-6033.3
3550	9.2	115300.5	-6006.8
3551	10.0	115303.5	-6046.8
3552	10.0	115305.5	-6054.8
3553	10.2	115307.5	-6042.3
3554	9.6	115309.0	-6022.7
3555	10.0	115309.5	-6004.9
3556	10.0	115315.5	-6007.2
3557	8.2	115320.5	-6006.5
3558	10.0	115328.0	-6036.9
3559	9.4	115330.5	-6035.7
3560	10.2	115333.5	-6006.4
3561	10.2	115336.0	-6040.1
3562	9.8	115337.5	-6015.2
3563	9.4	115337.5	-6024.6
3564	9.8	115340.0	-6015.9
3565	10.2	115345.5	-6021.8
3566	10.2	115347.5	-6045.9
3567	10.2	115349.5	-6029.4
3568	9.8	115350.0	-6019.9
3569	10.2	115350.5	-6029.1
3570	10.0	115357.0	-6048.7
3571	10.2	115358.5	-6029.3
3572	8.4	115358.5	-6040.3
3573	9.8	115401.0	-6055.8
3574	9.7	115403.0	-6035.8
3575	10.2	115403.5	-6046.2
3576	9.8	115403.5	-6010.3
3577	9.0	115409.5	-6042.1
3578	9.8	115410.5	-6051.8
3579	10.0	115413.5	-6035.8
3580	10.0	115419.0	-6050.9
3581	9.5	115421.0	-6046.9
3582	9.9	115423.5	-6012.3
3583	10.2	115423.5	-6017.5
3584	9.7	115427.0	-6038.9
3585	10.0	115429.5	-6039.3
3586	9.5	115430.5	-6036.3
3587	9.2	115430.5	-6044.8
3588	10.2	115431.0	-6000.4
3589	9.5	115432.5	-6039.9
3590	10.2	115437.0	-6036.5
3591	9.4	115439.0	-6058.9
3592	10.2	115441.5	-6003.8
3593	10.2	115442.0	-6001.0
3594	10.2	115446.5	-6047.7
3595	10.2	115446.5	-6049.2
3596	10.0	115449.0	-6014.9
3597	10.0	115449.5	-6039.2
3598	8.9	115450.5	-6040.9
3599	9.0	115456.5	-6042.6
3600	10.2	115459.5	-6006.9
3601	9.8	115504.0	-6032.9
3602	9.2	115506.5	-6039.4
3603	10.2	115507.0	-6029.5
3604	9.7	115509.0	-6015.5
3605	10.2	115527.0	-6043.1
3606	9.2	115527.5	-6009.5
3607	9.2	115527.5	-6042.3
3608	9.4	115531.5	-6004.7
3609	9.6	115534.0	-6010.9
3610	9.4	115536.5	-6004.8
3611	9.9	115536.5	-6007.9
3612	9.9	115536.5	-6036.9
3613	9.8	115537.5	-6038.1
3614	10.0	115545.0	-6010.0
3615	10.0	115547.0	-6044.5
3616	10.2	115547.5	-6002.9
3617	10.2	115551.0	-6015.5
3618	9.4	115554.5	-6053.3
3619	10.0	115557.0	-6023.9
3620	10.0	115600.0	-6007.3
3621	8.9	115600.5	-6045.2
3622	10.0	115600.5	-6042.3
3623	9.3	115602.0	-6034.3

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3624	10.2	115602.5	-6013.8
3625	9.5	115602.5	-6018.3
3626	9.8	115602.5	-6017.3
3627	10.0	115603.0	-6058.6
3628	9.4	115603.5	-6021.6
3629	9.4	115607.0	-6018.2
3630	10.2	115608.0	-6011.9
3631	10.2	115608.5	-6052.9
3632	9.4	115610.2	-6000.7
3633	8.7	115610.5	-6003.3
3634	10.2	115610.5	-6034.8
3635	9.4	115611.5	-6030.3
3636	9.7	115613.5	-6042.3
3637	9.5	115617.5	-6022.7
3638	9.8	115619.5	-6029.7
3639	10.0	115620.5	-6026.3
3640	10.2	115622.5	-6018.7
3641	10.2	115625.5	-6039.9
3642	8.8	115626.5	-6013.7
3643	9.6	115627.0	-6016.3
3644	10.0	115630.5	-6004.0
3645	10.2	115631.0	-6039.9
3646	10.2	115637.0	-6008.8
3647	8.8	115637.5	-6013.2
3648	9.4	115640.5	-6013.4
3649	10.0	115642.0	-6011.1
3650	9.7	115642.0	-6019.6
3651	10.2	115643.5	-6011.9
3652	10.2	115649.0	-6015.2
3653	9.9	115649.5	-6009.6
3654	10.0	115651.0	-6032.2
3655	9.6	115653.0	-6020.3
3656	9.9	115653.5	-6016.0
3657	10.2	115657.5	-6000.3
3658	10.0	115700.0	-6014.4
3659	10.2	115703.5	-6034.0
3660	10.0	115706.5	-6029.5
3661	10.2	115707.5	-6052.4
3662	10.2	115708.5	-6036.8
3663	7.8	115708.5	-6024.0
3664	8.7	115711.5	-6022.8
3665	9.0	115713.5	-6015.0
3666	9.8	115714.0	-6056.3
3667	9.5	115723.5	-6040.0
3668	9.5	115727.5	-6038.4
3669	9.8	115730.5	-6007.0
3670	10.2	115731.0	-6002.0
3671	9.6	115734.0	-6053.4
3672	10.0	115737.0	-6011.6
3673	10.2	115737.5	-6053.0
3674	9.7	115738.5	-6016.1
3675	10.2	115741.5	-6027.6
3676	10.2	115746.0	-6005.0
3677	9.8	115746.5	-6036.3
3678	10.2	115748.0	-6042.0
3679	9.3	115748.5	-6008.8
3680	9.8	115753.5	-6042.8
3681	9.6	115756.5	-6029.0
3682	9.6	115758.0	-6019.1
3683	8.2	115758.5	-6020.3
3684	10.2	115759.0	-6036.3
3685	9.9	115801.0	-6001.0
3686	9.4	115806.0	-6050.6
3687	9.5	115808.0	-6051.3
3688	10.2	115810.5	-6013.0
3689	10.0	115814.5	-6016.9
3690	9.8	115816.5	-6037.4
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3692	10.2	115820.5	-6006.6
3693	9.4	115823.5	-6020.0
3694	9.8	115827.0	-6052.9
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3696	9.9	115829.5	-6009.8
3697	8.5	115830.5	-6016.2
3698	10.0	115832.5	-6040.8
3699	9.6	115834.0	-6026.0
3700	9.6	115834.0	-6041.3
3701	9.0	115838.0	-6010.2
3702	9.4	115840.5	-6010.4
3703	10.0	115841.5	-6024.1
3704	8.2	115843.0	-6029.0
3705	10.2	115845.0	-6021.0
3706	8.5	115847.5	-6030.2
3707	9.4	115847.5	-6036.2
3708	10.2	115853.5	-6037.1
3709	9.9	115855.5	-6038.1
3710	9.5	115858.5	-6028.0
3711	9.4	115900.5	-6022.6
3712	8.7	115900.5	-6038.9
3713	10.0	115905.5	-6007.0

-60 3714 11h59m

-60 4073 12h23m

3714 9.4 115907.5 -6009.4	3804 10.2 120332.5 -6059.3	3894 9.0 121147.0 -6013.1	3984 10.1 121942.5 -6038.9
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-60 4074 12h23m

4074	9.7	122339.5	-6006.0
4075	10.2	122342.5	-6012.8
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4080	10.2	122349.0	-6057.5
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4082	10.2	122357.5	-6012.0
4083	9.0	122401.5	-6038.0
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4089	9.4	122432.0	-6025.4
4090	8.2	122432.0	-6011.7
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4103	10.1	122458.0	-6025.2
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4113	10.2	122522.5	-6015.1
4114	10.0	122528.5	-6039.3
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4116	9.2	122542.5	-6010.9
4117	10.2	122543.0	-6016.4
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4120	10.2	122549.0	-6018.5
4121	10.0	122550.0	-6058.1
4122	9.7	122550.5	-6033.3
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4124	10.2	122553.0	-6033.2
4125	10.0	122603.5	-6014.0
4126	10.2	122606.0	-6027.7
4127	10.0	122606.0	-6003.5
4128	8.5	122608.5	-6015.3
4129	10.0	122609.0	-6010.3
4130	9.2	122612.5	-6015.3
4131	9.3	122617.0	-6008.1
4132	9.4	122617.0	-6021.3
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4136	9.4	122622.0	-6038.9
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4139	10.1	122625.5	-6003.9
4140	10.2	122628.0	-6043.9
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4143	9.8	122641.0	-6032.6
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4145	10.2	122655.5	-6035.0
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4149	10.2	122714.0	-6051.4
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4156	10.0	122731.0	-6042.1
4157	10.1	122745.5	-6054.9
4158	9.8	122752.0	-6003.9
4159	9.4	122753.5	-6042.7
4160	10.2	122757.0	-6004.3
4161	10.2	122800.0	-6038.0
4162	10.0	122801.0	-6052.4
4163	8.9	122801.5	-6001.8
4164	10.0	122803.5	-6029.1
4165	10.0	122808.5	-6030.8
4166	9.2	122821.5	-6059.7
4167	8.8	122822.0	-6036.8
4168	8.9	122833.0	-6048.7
4169	9.8	122838.5	-6048.7
4170	8.4	122839.0	-6053.0
4171	9.2	122842.0	-6006.7
4172	9.2	122843.0	-6010.6
4173	9.4	122858.5	-6007.2
4174	9.4	122859.0	-6055.1
4175	10.1	122904.0	-6029.0
4176	9.9	122904.0	-6048.3
4177	9.4	122908.5	-6029.8
4178	10.2	122923.0	-6003.0
4179	9.5	122925.0	-6008.8
4180	10.2	122931.0	-6007.8
4181	9.3	122935.5	-6021.9
4182	10.2	122937.0	-6047.7
4183	8.9	122939.0	-6002.2
4184	10.1	122941.5	-6008.3
4185	9.2	122949.5	-6014.9
4186	10.2	122956.0	-6024.3
4187	10.2	122957.5	-6015.6
4188	9.9	123003.0	-6024.9
4189	9.9	123003.5	-6023.9
4190	9.8	123016.0	-6059.0
4191	9.0	123018.0	-6006.3
4192	9.5	123019.5	-6026.9
4193	9.4	123021.5	-6011.8
4194	10.2	123035.2	-6016.0
4195	10.2	123046.0	-6038.0
4196	10.2	123049.0	-6017.9
4197	10.2	123059.0	-6034.2
4198	10.2	123101.0	-6057.2
4199	8.4	123105.5	-6054.9
4200	9.7	123115.5	-6042.0
4201	9.8	123118.0	-6015.0
4202	9.8	123123.0	-6009.8
4203	9.4	123123.0	-6018.9
4204	9.6	123126.5	-6033.9
4205	10.2	123129.5	-6042.7
4206	9.7	123130.0	-6045.6
4207	10.1	123130.5	-6010.1
4208	10.0	123132.0	-6010.8
4209	10.2	123134.0	-6042.0
4210	10.2	123140.0	-6032.1
4211	9.3	123146.5	-6031.1
4212	9.7	123149.0	-6008.3
4213	10.0	123154.5	-6035.0
4214	9.7	123157.0	-6002.0
4215	10.2	123211.0	-6001.2
4216	10.0	123214.0	-6000.0
4217	9.9	123225.0	-6017.0
4218	9.5	123247.5	-6056.4
4219	10.1	123248.5	-6033.4
4220	10.0	123301.2	-6033.4
4221	9.8	123305.0	-6054.8
4222	10.2	123320.0	-6029.9
4223	9.8	123325.0	-6049.0
4224	10.1	123328.0	-6028.0
4225	8.4	123330.5	-6013.5
4226	10.0	123348.5	-6012.5
4227	9.6	123348.5	-6021.0
4228	9.9	123352.3	-6000.1
4229	10.0	123356.5	-6051.9
4230	10.2	123357.0	-6031.8
4231	9.2	123406.5	-6023.3
4232	9.1	123407.0	-6015.8
4233	9.8	123412.0	-6037.9
4234	10.2	123426.2	-6039.0
4235	10.2	123430.0	-6000.7
4236	9.4	123434.5	-6003.0
4237	10.2	123440.5	-6057.4
4238	9.7	123441.0	-6015.5
4239	9.8	123455.5	-6020.5
4240	9.3	123503.5	-6036.0
4241	10.2	123505.0	-6051.9
4242	10.0	123508.0	-6057.8
4243	10.2	123512.0	-6001.6
4244	7.8	123513.0	-6019.8
4245	9.8	123514.5	-6047.2
4246	9.8	123515.0	-6012.0
4247	10.2	123517.5	-6032.9
4248	9.8	123530.5	-6020.6
4249	8.6	123538.5	-6017.3
4250	10.2	123540.5	-6030.1
4251	8.3	123550.5	-6027.6
4252	9.9	123551.0	-6012.4
4253	9.2	123558.5	-6057.8
4254	10.2	123558.5	-6059.8
4255	8.8	123613.5	-6001.9
4256	9.8	123617.5	-6003.9
4257	9.6	123618.0	-6034.4
4258	9.6	123620.5	-6034.7
4259	8.6	123700.5	-6042.5
4260	8.6	123702.5	-6050.3
4261	10.2	123713.0	-6005.9
4262	9.4	123714.0	-6057.4
4263	10.2	123717.5	-6028.2
4264	9.3	123718.0	-6019.8
4265	10.2	123722.5	-6023.2
4266	10.0	123733.5	-6051.3
4267	10.2	123751.5	-6024.9
4268	9.8	123801.0	-6007.5
4269	9.5	123804.5	-6018.9
4270	10.2	123806.0	-6055.6
4271	10.2	123807.5	-6034.1
4272	9.2	123813.0	-6018.6
4273	7.6	123818.0	-6017.5
4274	8.8	123838.5	-6005.3
4275	10.2	123839.0	-6004.0
4276	10.2	123842.5	-6026.7
4277	8.8	123901.5	-6009.1
4278	9.5	123902.5	-6026.3
4279	10.2	123905.0	-6020.1
4280	10.2	123908.5	-6009.2
4281	10.2	123912.5	-6008.7
4282	9.5	123920.0	-6027.3
4283	10.2	123922.5	-6030.7
4284	10.2	123922.5	-6030.9
4285	8.8	123925.0	-6030.0
4286	9.6	123933.0	-6044.0
4287	9.8	123944.5	-6010.2
4288	8.7	123951.5	-6032.2
4289	10.2	124002.0	-6059.4
4290	10.1	124015.5	-6022.2
4291	9.6	124021.0	-6000.9
4292	10.2	124026.0	-6014.2
4293	9.8	124028.0	-6013.9
4294	10.2	124050.0	-6053.5
4295	10.2	124052.0	-6038.3
4296	9.4	124058.5	-6007.3
4297	10.0	124121.5	-6005.3
4298	9.8	124125.5	-6002.8
4299	10.2	124135.5	-6021.0
4300	9.2	124143.0	-6044.9
4301	8.8	124144.5	-6022.9
4302	9.8	124150.5	-6016.1
4303	9.6	124201.5	-6014.9
4304	9.7	124204.0	-6002.1
4305	9.9	124205.0	-6027.4
4306	8.8	124206.5	-6001.0
4307	9.1	124208.0	-6033.6
4308	10.0	124210.5	-6048.4
4309	9.0	124215.0	-6016.9
4310	10.2	124219.5	-6020.0
4311	10.2	124226.5	-6016.0
4312	10.2	124257.5	-6054.0
4313	10.2	124301.5	-6014.1
4314	9.7	124302.0	-6036.6
4315	10.2	124302.5	-6020.0
4316	9.8	124320.5	-6002.0
4317	10.0	124328.0	-6001.3
4318	10.1	124334.0	-6001.8
4319	10.0	124338.0	-6037.0
4320	8.8	124338.0	-6033.5
4321	10.2	124340.0	-6002.8
4322	10.2	124342.0	-6000.0
4323	9.5	124343.5	-6033.5
4324	9.9	124348.5	-6003.1
4325	9.6	124407.0	-6001.0
4326	10.2	124412.0	-6008.5
4327	10.1	124420.0	-6032.9
4328	10.2	124421.5	-6008.6
4329	8.7	124422.5	-6023.8
4330	9.9	124429.0	-6029.0
4331	10.2	124430.0	-6056.3
4332	10.2	124503.5	-6003.1
4333	9.8	124509.0	-6008.0
4334	9.4	124511.0	-6033.9
4335	8.8	124519.5	-6007.8
4336	10.2	124523.5	-6006.3
4337	9.6	124537.8	-6002.1
4338	10.2	124542.0	-6004.7
4339	8.5	124542.5	-6011.9
4340	9.6	124546.0	-6025.6
4341	8.6	124547.0	-6003.4
4342	9.5	124549.5	-6009.0
4343	9.6	124602.0	-6019.3

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4344	9.3	124613.0	-6032.0
4345	9.4	124618.0	-6002.2
4346	8.6	124621.0	-6003.5
4347	9.7	124624.0	-6016.9
4348	10.0	124633.0	-6008.6
4349	9.7	124633.0	-6008.9
4350	8.7	124648.5	-6023.8
4351	8.4	124649.5	-6012.8
4352	9.1	124656.0	-6001.1
4353	10.2	124706.5	-6030.4
4354	9.2	124723.0	-6000.1
4355	9.6	124742.0	-6015.8
4356	10.2	124821.5	-6034.7
4357	8.3	124826.5	-6014.2
4358	9.2	124828.5	-6013.6
4359	9.8	124830.0	-6016.7
4360	10.2	124835.5	-6020.8
4361	9.2	124837.0	-6046.7
4362	10.2	124856.0	-6011.1
4363	9.0	124901.0	-6039.3
4364	8.9	124903.0	-6000.4
4365	9.4	124924.0	-6010.1
4366	10.2	124942.0	-6025.1
4367	10.2	124942.5	-6024.9
4368	10.2	125010.0	-6009.3
4369	8.5	125012.0	-6012.7
4370	8.5	125019.0	-6008.3
4371	8.6	125025.0	-6019.2
4372	8.3	125027.5	-6022.7
4373	9.7	125030.0	-6007.4
4374	10.1	125038.0	-6010.7
4375	9.0	125045.5	-6020.4
4376	10.2	125056.0	-6011.5
4377	9.6	125102.5	-6019.1
4378	9.9	125104.0	-6016.0
4379	10.2	125233.0	-6007.4
4380	9.9	125242.5	-6059.4
4381	10.2	125253.0	-6004.7
4382	8.9	125301.8	-6011.2
4383	10.1	125303.5	-6017.5
4384	10.1	125304.0	-6017.0
4385	10.0	125322.5	-6013.0
4386	10.1	125326.0	-6001.7
4387	9.2	125341.3	-6022.9
4388	9.8	125416.5	-6007.2
4389	9.6	125422.7	-6004.5
4390	9.2	125425.5	-6019.7
4391	10.1	125430.0	-6006.9
4392	10.0	125447.0	-6042.9
4393	10.1	125451.2	-6013.7
4394	9.6	125453.0	-6014.0
4395	8.4	125502.7	-6039.4
4396	8.4	125509.5	-6004.3
4397	9.8	125512.0	-6004.0
4398	10.0	125515.0	-6012.0
4399	9.8	125519.5	-6011.0
4400	9.6	125531.5	-6012.3
4401	10.0	125532.5	-6002.1
4402	9.9	125541.0	-6048.1
4403	9.6	125541.5	-6035.5
4404	9.8	125608.5	-6024.2
4405	10.1	125618.5	-6023.7
4406	8.8	125622.5	-6047.4
4407	9.2	125622.5	-6014.9
4408	9.8	125632.5	-6038.7
4409	10.1	125635.5	-6019.0
4410	9.6	125636.0	-6025.2
4411	10.1	125639.0	-6007.9
4412	9.5	125639.5	-6027.9
4413	10.1	125641.5	-6050.5
4414	9.3	125642.5	-6019.9
4415	9.3	125647.0	-6022.0
4416	10.1	125648.5	-6026.0
4417	9.7	125656.0	-6036.2
4418	9.7	125702.5	-6052.2
4419	8.6	125703.5	-6023.4
4420	9.9	125708.5	-6013.6
4421	10.1	125710.0	-6010.0
4422	9.6	125712.5	-6038.5
4423	9.2	125716.0	-6046.0
4424	10.1	125722.5	-6006.0
4425	9.8	125723.0	-6057.0
4426	10.1	125725.0	-6012.0
4427	9.2	125728.5	-6002.2
4428	10.1	125734.5	-6001.0
4429	10.0	125738.0	-6055.1
4430	9.7	125745.5	-6059.8
4431	10.1	125810.5	-6018.0
4432	9.8	125811.5	-6041.5
4433	10.1	125819.5	-6004.3

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4434 9.3 125821.5 -6032.1	4524 10.0 130505.5 -6004.0	4614 9.4 131358.5 -6054.4	4704 10.1 132105.5 -6019.1
4435 9.8 125822.0 -6049.0	4525 8.9 130508.5 -6036.5	4615 9.4 131359.5 -6015.1	4705 10.1 132107.0 -6021.1
4436 8.8 125833.0 -6028.3	4526 10.1 130511.0 -6036.7	4616 9.8 131401.0 -6031.5	4706 10.1 132117.5 -6033.2
4437 10.1 125843.0 -6005.9	4527 10.1 130518.5 -6048.9	4617 9.4 131402.0 -6043.3	4707 9.3 132118.5 -6056.7
4438 9.2 125843.5 -6020.6	4528 8.5 130519.5 -6025.4	4618 9.8 131403.0 -6023.1	4708 9.0 132122.0 -6032.6
4439 9.4 125850.0 -6018.9	4529 9.2 130522.5 -6026.4	4619 8.8 131405.5 -6043.9	4709 10.1 132122.0 -6013.0
4440 10.1 125850.5 -6017.4	4530 9.3 130523.0 -6058.4	4620 10.1 131409.0 -6034.3	4710 8.9 132126.0 -6028.8
4441 10.0 125852.5 -6036.9	4531 10.1 130526.5 -6026.8	4621 10.1 131412.5 -6051.4	4711 9.6 132131.0 -6022.0
4442 9.9 125856.5 -6007.3	4532 9.8 130529.0 -6004.4	4622 10.0 131414.0 -6058.2	4712 9.2 132132.5 -6015.1
4443 10.1 125902.5 -6019.8	4533 9.6 130529.5 -6018.4	4623 9.2 131419.0 -6037.0	4713 9.8 132134.0 -6015.5
4444 10.1 125902.5 -6043.9	4534 9.2 130532.5 -6019.2	4624 10.1 131420.5 -6030.0	4714 9.4 132146.0 -6019.9
4445 10.1 125903.0 -6008.1	4535 9.2 130550.0 -6002.4	4625 10.0 131423.0 -6057.5	4715 10.1 132158.0 -6009.1
4446 10.0 125912.5 -6044.0	4536 10.0 130550.5 -6015.5	4626 9.1 131426.0 -6017.0	4716 10.1 132202.0 -6054.2
4447 10.1 125923.0 -6039.0	4537 9.5 130556.5 -6047.8	4627 4.7 131432.5 -6019.6	4717 10.1 132206.0 -6004.1
4448 8.8 125935.5 -6002.0	4538 10.1 130559.0 -6058.4	4628 9.3 131434.5 -6038.2	4718 9.0 132208.0 -6042.5
4449 9.2 125936.0 -6010.0	4539 9.8 130600.5 -6030.3	4629 9.8 131444.5 -6044.8	4719 10.1 132210.0 -6036.1
4450 9.8 125939.0 -6015.2	4540 9.2 130606.5 -6041.9	4630 8.7 131505.5 -6030.0	4720 9.8 132211.5 -6037.3
4451 9.3 125939.5 -6056.2	4541 9.2 130609.5 -6017.7	4631 9.3 131507.0 -6057.7	4721 9.2 132217.0 -6031.5
4452 10.0 125953.5 -6025.9	4542 9.2 130613.5 -6019.7	4632 9.9 131509.5 -6014.2	4722 9.0 132218.0 -6011.0
4453 10.0 125959.5 -6018.9	4543 9.2 130632.5 -6020.1	4633 8.9 131510.0 -6025.2	4723 9.6 132218.0 -6038.5
4454 9.8 130000.5 -6041.6	4544 9.8 130646.5 -6022.0	4634 10.0 131519.0 -6030.0	4724 9.2 132222.0 -6034.1
4455 9.4 130003.5 -6016.1	4545 8.8 130646.5 -6026.6	4635 10.1 131520.5 -6056.2	4725 10.0 132226.5 -6018.0
4456 10.1 130013.5 -6022.3	4546 9.8 130651.5 -6050.5	4636 10.1 131525.5 -6056.1	4726 9.6 132230.5 -6037.1
4457 9.4 130015.5 -6016.7	4547 10.1 130653.5 -6016.0	4637 9.0 131529.5 -6030.0	4727 10.1 132234.0 -6041.3
4458 9.8 130021.5 -6028.9	4548 9.4 130656.5 -6008.4	4638 10.1 131542.0 -6055.9	4728 9.2 132237.5 -6044.9
4459 9.5 130022.5 -6034.1	4549 10.2 130711.5 -6053.2	4639 9.4 131549.0 -6026.8	4729 9.1 132239.0 -6033.9
4460 9.6 130033.0 -6033.9	4550 10.2 130712.5 -6055.5	4640 9.2 131602.5 -6025.9	4730 9.6 132239.5 -6000.5
4461 8.6 130039.0 -6034.4	4551 9.0 130715.5 -6018.1	4641 9.8 131603.0 -6053.1	4731 9.4 132244.0 -6013.5
4462 9.2 130039.5 -6027.2	4552 9.4 130731.0 -6056.1	4642 9.8 131604.5 -6057.8	4732 9.8 132249.0 -6048.5
4463 8.8 130041.5 -6032.0	4553 9.2 130737.5 -6029.5	4643 8.5 131610.0 -6057.5	4733 9.8 132255.5 -6007.2
4464 9.5 130041.5 -6043.0	4554 9.8 130740.5 -6020.9	4644 10.1 131621.5 -6020.3	4734 8.1 132256.5 -6005.0
4465 8.8 130045.5 -6016.0	4555 10.1 130741.0 -6059.2	4645 9.0 131625.5 -6040.0	4735 9.0 132300.5 -6017.2
4466 8.8 130056.0 -6031.0	4556 10.1 130742.5 -6022.9	4646 10.0 131631.0 -6055.4	4736 10.1 132305.0 -6008.2
4467 10.1 130056.5 -6028.0	4557 9.8 130745.5 -6030.0	4647 10.1 131632.5 -6043.0	4737 9.8 132311.5 -6041.1
4468 9.9 130100.5 -6037.0	4558 8.8 130759.5 -6009.9	4648 9.6 131643.0 -6020.0	4738 9.8 132315.0 -6031.1
4469 9.8 130113.0 -6042.7	4559 9.4 130811.5 -6047.9	4649 8.5 131644.5 -6022.4	4739 8.1 132316.0 -6056.2
4470 10.1 130119.5 -6015.0	4560 10.1 130812.5 -6052.5	4650 10.1 131652.0 -6029.7	4740 9.8 132316.0 -6041.4
4471 10.1 130122.5 -6008.6	4561 10.1 130822.5 -6018.6	4651 8.4 131652.5 -6019.1	4741 9.8 132330.0 -6049.3
4472 10.0 130126.5 -6015.7	4562 10.1 130830.0 -6042.0	4652 10.1 131652.5 -6021.1	4742 8.9 132341.5 -6023.2
4473 10.1 130127.5 -6037.9	4563 8.6 130832.5 -6053.1	4653 9.1 131700.0 -6027.1	4743 10.1 132351.5 -6024.9
4474 9.3 130139.5 -6010.7	4564 9.0 130832.5 -6044.8	4654 9.3 131702.5 -6026.1	4744 8.4 132353.5 -6010.2
4475 9.3 130143.0 -6059.7	4565 9.8 130835.5 -6023.0	4655 9.4 131712.5 -6036.9	4745 10.0 132357.0 -6059.1
4476 9.8 130152.5 -6024.9	4566 9.1 130839.5 -6026.7	4656 9.3 131713.0 -6038.0	4746 10.1 132357.0 -6027.5
4477 9.7 130152.5 -6018.1	4567 10.1 130849.0 -6009.4	4657 9.6 131713.5 -6026.5	4747 10.0 132405.5 -6030.1
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4485 8.9 130230.5 -6048.3	4575 10.1 130959.5 -6027.4	4665 10.0 131757.5 -6050.9	4755 9.4 132448.5 -6026.9
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-60 4793 13h28m

-60 4794 13h28m

4794	9.3	132829.0	-6055.0
4795	9.8	132834.0	-6007.1
4796	9.8	132836.5	-6000.6
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4798	9.8	132843.0	-6048.4
4799	9.7	132843.0	-6052.9
4800	9.7	132900.5	-6034.2
4801	10.0	132910.0	-6010.9
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4810	10.0	132938.0	-6005.9
4811	9.8	132940.2	-6054.9
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4815	9.2	132948.5	-6031.7
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4823	9.0	133016.5	-6004.9
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4825	9.6	133019.0	-6022.7
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4847	9.0	133109.5	-6008.3
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4849	10.0	133113.5	-6001.0
4850	8.6	133117.0	-6012.9
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4853	9.8	133123.0	-6025.1
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4876	9.6	133307.5	-6052.7
4877	9.7	133311.0	-6034.4
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5022	10.1	134215.0	-6005.2
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5055	9.9	134415.5	-6016.9
5056	8.2	134421.5	-6044.1
5057	9.6	134445.0	-6045.7
5058	9.6	134447.0	-6023.8
5059	10.1	134502.5	-6015.6
5060	9.6	134503.5	-6022.8
5061	9.5	134505.5	-6016.5
5062	8.5	134509.5	-6024.5
5063	10.0	134512.0	-6037.9

-60 5153 13h53m

5064	9.0	134522.5	-6047.1
5065	9.5	134526.0	-6007.3
5066	9.8	134533.0	-6002.9
5067	9.3	134536.0	-6001.9
5068	10.1	134536.5	-6002.3
5069	9.7	134546.0	-6026.9
5070	10.1	134555.5	-6044.5
5071	7.9	134559.0	-6043.0
5072	10.0	134600.0	-6031.9
5073	10.1	134605.5	-6032.5
5074	9.0	134607.0	-6040.9
5075	10.0	134608.0	-6020.9
5076	9.0	134609.0	-6016.8
5077	9.6	134617.5	-6009.9
5078	9.6	134623.5	-6059.0
5079	9.7	134625.0	-6050.6
5080	10.0	134632.5	-6046.1
5081	9.8	134633.0	-6048.7
5082	10.1	134637.0	-6001.9
5083	10.0	134644.0	-6056.9
5084	9.8	134650.5	-6041.3
5085	10.0	134651.0	-6022.4
5086	10.0	134657.0	-6004.9
5087	10.0	134658.0	-6028.9
5088	10.1	134659.5	-6006.1
5089	9.9	134701.0	-6027.2
5090	9.5	134704.0	-6004.5
5091	10.0	134704.2	-6058.1
5092	10.0	134705.0	-6015.8
5093	8.6	134708.5	-6053.2
5094	10.0	134712.0	-6038.8
5095	10.0	134723.5	-6055.7
5096	8.4	134728.5	-6035.9
5097	8.8	134736.0	-6057.4
5098	10.0	134745.0	-6017.2
5099	10.0	134746.0	-6013.0
5100	9.6	134755.0	-6033.9
5101	9.9	134758.0	-6059.6
5102	9.0	134801.5	-6032.5
5103	9.3	134806.5	-6059.5
5104	10.0	134813.0	-6032.0
5105	8.3	134821.0	-6006.1
5106	9.9	134824.5	-6043.5
5107	10.1	134825.0	-6006.8
5108	10.1	134836.5	-6040.7
5109	9.4	134838.0	-6025.4
5110	10.0	134838.5	-6040.7
5111	10.0	134838.5	-6032.9
5112	10.0	134845.5	-6015.5
5113	9.4	134848.0	-6055.3
5114	10.1	134858.0	-6022.3
5115	9.6	134858.5	-6014.9
5116	10.0	134900.0	-6019.8
5117	10.0	134935.0	-6044.2
5118	9.3	134945.0	-6050.9
5119	10.0	134948.0	-6026.9
5120	9.4	134955.2	-6059.6
5121	10.1	134957.0	-6055.9
5122	10.0	135000.5	-6023.9
5123	10.0	135003.0	-6051.7
5124	10.0	135007.0	-6042.8
5125	10.1	135007.5	-6037.9
5126	10.0	135018.5	-6012.3
5127	9.2	135018.5	-6032.1
5128	10.0	135027.0	-6006.0
5129	9.9	135039.0	-6042.3
5130	10.0	135041.5	-6030.3
5131	8.3	135051.5	-6046.1
5132	9.9	135103.5	-6032.7
5133	10.0	135122.0	-6046.3
5134	9.9	135122.0	-6054.9
5135	7.2	135127.0	-6052.3
5136	9.9	135127.0	-6007.3
5137	10.0	135133.0	-6046.9
5138	8.7	135136.0	-6048.0
5139	8.8	135145.0	-6035.5
5140	10.1	135146.0	-6048.7
5141	10.1	135147.0	-6007.1
5142	10.1	135203.5	-6049.0
5143	10.0	135216.5	-6052.0
5144	9.2	135227.5	-6046.7
5145	10.1	135227.5	-6026.9
5146	8.6	135254.5	-6041.7
5147	8.8	135256.0	-6042.2
5148	10.0	135258.5	-6049.6
5149	9.6	135304.0	-6010.5
5150	10.1	135306.0	-6010.0
5151	8.1	135306.5	-6011.1
5152	9.9	135307.0	-6037.9
5153	9.1	135314.0	-6011.1

-60 5154 13h53m

-60 5513 14h37m

5154 10.1 135316.5 -6039.9	5244 8.8 140505.3 -6003.8	5334 9.6 141448.5 -6021.0	5424 9.5 142421.0 -6002.6
5155 10.1 135318.0 -6000.2	5245 9.2 140513.5 -6022.9	5335 9.0 141449.3 -6044.2	5425 9.2 142423.5 -6048.5
5156 10.1 135327.0 -6019.5	5246 9.5 140521.2 -6024.9	5336 10.2 141449.5 -6034.2	5426 10.2 142425.5 -6006.1
5157 10.1 135355.5 -6049.0	5247 10.3 140539.0 -6041.3	5337 10.3 141451.3 -6036.5	5427 10.2 142427.5 -6005.1
5158 10.1 135355.5 -6018.6	5248 8.7 140550.3 -6039.1	5338 9.8 141453.5 -6045.9	5428 10.2 142430.5 -6054.1
5159 10.1 135356.0 -6011.1	5249 10.2 140601.2 -6011.6	5339 9.2 141456.5 -6046.1	5429 8.0 142430.5 -6014.9
5160 9.7 135405.5 -6047.2	5250 10.3 140604.5 -6005.8	5340 10.3 141504.0 -6045.0	5430 10.2 142500.5 -6057.9
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5162 10.1 135426.0 -6039 9	5252 10.3 140611.0 -6024.3	5342 7.7 141515.5 -6049.1	5432 8.8 142523.5 -6024.7
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5168 10.0 135522.5 -6046.9	5258 8.9 140646.0 -6036.3	5348 9.8 141543.5 -6048.9	5438 9.2 142607.0 -6005.4
5169 9.1 135528.5 -6031.1	5259 10.2 140652.0 -6017.3	5349 10.3 141545.5 -6003.9	5439 10.0 142608.5 -6018.2
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5172 9.2 135538.5 -6030.3	5262 8.7 140738.5 -6036.0	5352 10.2 141559.0 -6052.9	5442 10.2 142620.5 -6047.1
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5185 9.6 135718.5 -6000.9	5275 10.3 140853.0 -6006.6	5365 10.3 141735.5 -6005.0	5455 8.2 142729.5 -6012.3
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5187 10.0 135722.5 -6057.3	5277 10.2 140921.0 -6050.3	5367 9.0 141739.5 -6012.0	5457 10.2 142755.5 -6058.2
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5191 9.4 135742.5 -6000.3	5281 9.4 140934.0 -6021.7	5371 9.9 141805.5 -6032.1	5461 10.2 142809.0 -6013.9
5192 9.8 135758.5 -6035.1	5282 10.2 140934.5 -6037.1	5372 9.8 141814.0 -6048.8	5462 10.3 142810.5 -6023.3
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5194 9.0 135815.5 -6049.4	5284 10.0 140953.0 -6018.8	5374 9.9 141828.0 -6007.9	5464 10.3 142820.5 -6037.4
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5196 9.6 135827.5 -6028.7	5286 8.6 141006.5 -6014.8	5376 10.3 141845.5 -6009.0	5466 9.7 142840.0 -6052.3
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5201 8.0 135905.0 -6010.6	5291 10.0 141025.0 -6044.3	5381 9.7 141949.0 -6005.0	5471 9.2 142911.0 -6031.1
5202 10.1 135907.5 -6057.1	5292 10.2 141025.5 -6025.9	5382 8.9 142005.0 -6048.7	5472 9.4 142919.5 -6047.9
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5207 10.1 135955.0 -6010.9	5297 9.5 141056.5 -6015.7	5387 10.2 142027.0 -6009.0	5477 9.8 142948.5 -6014.9
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5223 10.0 140211.5 -6021.9	5313 10.3 141230.0 -6055.5	5403 10.3 142112.5 -6040.4	5493 10.3 143255.0 -6039.1
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5228 9.6 140236.5 -6018.9	5318 9.6 141241.0 -6003.2	5408 10.2 142147.0 -6003.6	5498 9.3 143409.0 -6026.7
5229 9.7 140241.5 -6024.8	5319 10.2 141253.0 -6038.7	5409 9.7 142148.0 -6032.2	5499 10.0 143423.0 -6012.0
5230 9.7 140303.0 -6051.7	5320 9.3 141307.0 -6005.5	5410 10.3 142206.5 -6059.8	5500 9.4 143440.5 -6025.7
5231 9.0 140317.5 -6054.2	5321 9.3 141308.5 -6046.9	5411 10.2 142216.5 -6009.6	5501 10.2 143457.5 -6016.1
5232 9.8 140343.0 -6009.9	5322 9.5 141319.5 -6034.3	5412 10.2 142218.5 -6012.8	5502 8.6 143518.5 -6059.3
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-60 5514 14h37m

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5516	9.2	143751.0	-6012.1	
5517	8.6	143800.5	-6044.4	
5518	10.3	143823.0	-6020.2	
5519	9.0	143826.5	-6019.5	
5520	10.3	143859.5	-6012.5	
5521	9.9	143913.0	-6013.1	
5522	8.6	143932.0	-6018.6	
5523	8.9	143943.5	-6024.0	
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5525	8.9	143949.5	-6006.9	
5526	9.9	143953.5	-6045.1	
5527	9.7	144111.8	-6018.0	
5528	9.7	144120.0	-6010.9	
5529	9.2	144125.2	-6031.0	
5530	8.0	144148.8	-6024.8	
5531	9.8	144202.5	-6031.6	
5532	9.8	144216.5	-6017.6	
5533	9.4	144220.0	-6059.9	
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5545	9.9	144349.5	-6057.3	
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5547	9.4	144404.5	-6013.7	
5548	9.2	144408.0	-6029.3	
5549	9.8	144420.0	-6019.3	
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5551	9.7	144427.0	-6019.6	
5552	9.9	144427.5	-6037.3	
5553	9.7	144428.5	-6051.1	
5554	9.7	144438.5	-6048.6	
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5556	9.5	144503.5	-6029.9	
5557	9.5	144503.5	-6055.0	
5558	8.9	144510.5	-6033.8	
5559	9.9	144531.5	-6015.1	
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5563	8.2	144611.0	-6023.6	
5564	9.8	144623.0	-6058.9	
5565	8.4	144627.5	-6045.2	
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5582	9.0	144916.8	-6056.9	
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-60 5874 15h22m

-60 6233 15h47m

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-60 6234 15h47m

6234	10.1	154737.4	-6049.3	6324	8.9	155237.5	-6039.5	6414	10.0	155815.5	-6013.2
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6280	8.9	155019.9	-6038.5	6370	10.0	155357.0	-6012.9	6460	8.6	160348.0	-6027.3
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6286	9.9	155051.4	-6006.4	6376	9.8	155427.7	-6038.8	6466	10.0	160415.0	-6017.7
6287	9.5	155056.4	-6004.6	6377	10.0	155429.0	-6034.8	6467	8.6	160428.5	-6027.9
6288	9.8	155101.9	-6014.4	6378	10.1	155429.5	-6022.7	6468	9.6	160441.5	-6035.1
6289	9.8	155104.8	-6044.2	6379	9.6	155433.9	-6002.8	6469	9.2	160442.0	-6019.1
6290	9.5	155104.9	-6017.0	6380	9.8	155438.0	-6006.3	6470	9.8	160443.0	-6056.7
6291	10.1	155105.4	-6037.3	6381	10.0	155443.5	-6013.3	6471	10.0	160443.0	-6018.1
6292	10.1	155107.4	-6038.2	6382	10.1	155445.5	-6022.7	6472	10.0	160454.5	-6039.6
6293	8.5	155109.4	-6027.6	6383	10.0	155447.5	-6056.3	6473	10.0	160458.5	-6043.1
6294	8.8	155117.0	-6009.2	6384	9.6	155451.5	-6018.1	6474	9.4	160501.5	-6011.1
6295	10.1	155117.5	-6036.0	6385	8.8	155511.7	-6040.9	6475	10.0	160507.5	-6055.1
6296	9.6	155119.0	-6013.1	6386	9.2	155534.0	-6015.9	6476	10.0	160512.0	-6033.7
6297	9.8	155133.5	-6010.0	6387	9.6	155535.5	-6027.7	6477	8.9	160522.0	-6039.3
6298	9.6	155135.5	-6011.5	6388	9.8	155537.5	-6001.2	6478	10.0	160523.0	-6001.1
6299	10.1	155135.5	-6040.9	6389	9.2	155547.5	-6003.7	6479	9.4	160542.5	-6041.7
6300	9.6	155138.0	-6007.3	6390	10.0	155606.0	-6055.3	6480	8.8	160543.5	-6046.7
6301	10.1	155141.5	-6040.2	6391	9.6	155606.5	-6054.7	6481	10.0	160554.5	-6038.2
6302	9.4	155145.5	-6032.0	6392	10.0	155628.0	-6002.8	6482	8.5	160558.0	-6014.7
6303	9.6	155148.5	-6006.2	6393	9.2	155631.0	-6011.9	6483	10.0	160559.5	-6018.1
6304	10.1	155148.5	-6016.8	6394	8.5	155632.0	-6000.8	6484	10.0	160604.0	-6050.1
6305	9.3	155154.4	-6002.5	6395	9.8	155640.5	-6019.0	6485	9.0	160604.0	-6034.1
6306	9.6	155157.5	-6037.6	6396	10.0	155645.0	-6023.1	6486	10.0	160609.0	-6059.0
6307	10.0	155158.0	-6021.1	6397	9.8	155649.5	-6012.3	6487	9.8	160616.5	-6046.9
6308	9.6	155159.5	-6008.4	6398	9.0	155650.5	-6045.0	6488	10.0	160622.5	-6022.3
6309	9.2	155201.0	-6020.5	6399	10.0	155705.0	-6011.0	6489	9.2	160744.0	-6057.5
6310	10.1	155202.5	-6005.4	6400	8.4	155710.0	-6044.6	6490	9.2	160751.5	-6053.1
6311	9.5	155202.5	-6014.6	6401	9.5	155727.0	-6016.2	6491	9.0	160833.5	-6014.5
6312	9.5	155207.5	-6043.1	6402	9.2	155730.5	-6006.8	6492	9.6	160835.0	-6035.1
6313	9.4	155212.3	-6002.6	6403	9.8	155731.0	-6003.2	6493	9.2	160850.5	-6030.3
6314	10.0	155212.5	-6023.7	6404	10.0	155738.5	-6005.2	6494	8.6	160854.0	-6049.5
6315	10.0	155213.0	-6049.0	6405	10.0	155742.0	-6036.5	6495	9.1	160928.0	-6045.2
6316	9.2	155218.0	-6007.4	6406	9.6	155749.0	-6035.7	6496	10.0	160956.0	-6013.1
6317	8.6	155218.0	-6005.5	6407	10.0	155749.0	-6022.7	6497	9.8	161016.0	-6030.7
6318	9.4	155221.5	-6046.7	6408	9.6	155751.0	-6042.3	6498	9.6	161019.0	-6016.1
6319	8.8	155225.0	-6004.2	6409	10.0	155753.0	-6005.7	6499	8.7	161026.5	-6009.9
6320	9.7	155225.0	-6017.4	6410	10.0	155753.0	-6006.4	6500	10.0	161028.0	-6029.3
6321	9.6	155227.0	-6010.2	6411	10.0	155754.0	-6052.1	6501	9.0	161033.0	-6050.1
6322	9.1	155228.0	-6003.2	6412	9.0	155800.0	-6011.1	6502	9.0	161039.0	-6021.1
6323	10.0	155229.8	-6000.0	6413	10.0	155809.0	-6002.8	6503	10.0	161045.5	-6021.7

-60 6593 16h27m

6504	9.6	161055.7	-6059.8	6514	8.5	161419.5	-6057.1	6524	9.6	161548.0	-6031.0
6505	9.0	161056.5	-6008.9	6515	10.0	161433.5	-6034.4	6525	8.5	161553.5	-6020.7
6506	10.0	161106.5	-6020.9	6516	9.2	161445.5	-6033.6	6526	10.0	161558.5	-6057.7
6507	9.2	161124.0	-6024.9	6517	10.0	161502.0	-6023.0	6527	10.0	161618.0	-6053.9
6508	9.8	161134.5	-6056.9	6518	9.2	161503.5	-6036.6	6528	9.8	161636.0	-6002.1
6509	10.0	161210.0	-6051.7	6519	9.8	161519.0	-6018.6	6529	10.0	161642.0	-6051.8
6510	10.0	161339.5	-6002.8	6520	10.0	161524.0	-6051.1	6530	8.8	161706.5	-6027.0
6511	10.0	161354.0	-6012.6	6521	9.6	161524.5	-6010.6	6531	8.9	161724.0	-6040.0
6512	9.0	161401.2	-6057.3	6522	9.8	161536.5	-6031.2	6532	9.0	161724.0	-6050.2
6513	8.5	161401.5	-6013.2	6523	9.8	161546.5	-6024.2	6533	8.8	161742.0	-6052.8
6534	9.4	161753.0	-6016.3	6544	10.0	161952.0	-6051.2	6554	9.8	162119.0	-6015.7
6535	8.4	161811.5	-6013.6	6545	9.6	161959.0	-6058.3	6555	10.0	162126.5	-6036.4
6536	8.8	161812.0	-6010.1	6546	8.6	162042.0	-6024.8	6556	10.0	162146.5	-6008.5
6537	10.0	161841.0	-6037.0	6547	9.2	162048.0	-6057.1	6557	8.5	162147.5	-6020.9
6538	7.8	161858.0	-6030.0	6548	8.6	162052.5	-6003.5	6558	8.4	162202.5	-6037.8
6539	9.4	161908.0	-6011.3	6549	10.0	162053.5	-6017.8	6559	10.0	162203.5	-6041.9
6540	9.0	161913.5	-6017.0	6550	9.6	162054.3	-6002.8	6560	8.2	162206.0	-6037.7
6541	10.0	161929.7	-6058.2	6551	10.0	162055.5	-6036.3	6561	9.8	162216.5	-6024.9
6542	8.3	161938.0	-6029.6	6552	10.0	162103.0	-6040.5	6562	8.5	162230.5	-6041.3
6543	8.9	161951.5	-6045.8	6553	8.9	162113.5	-6000.9	6563	9.6	162233.5	-6004.9
6564	9.0	162251.8	-6000.7	6574	9.5	162447.0	-6044.9	6584	10.0	162623.5	-6013.8
6565	9.2	162253.0	-6005.7	6575	10.0	162453.7	-6056.9	6585	8.5	162627.0	-6030.5
6566	8.6	162304.0	-6000.3	6576	9.4	162503.0	-6045.7	6586	9.8	162636.5	-6042.8
6567	10.0	162305.5	-6036.8	6577	9.8	162516.5	-6006.9	6587	9.6	162642.5	-6017.9
6568	10.0	162334.5	-6055.1	6578	9.0	162527.5	-6038.5	6588	8.6	162651.0	-6017.9
6569	9.2	162343.5	-6059.2	6579	9.0	162528.0	-6040.9	6589	9.8	162709.5	-6027.9
6570	10.0	162418.0	-6011.9	6580	10.0	162541.5	-6053.5	6590	9.8	162710.5	-6046.4
6571	9.6	162425.0	-6034.9	6581	9.2	162552.5	-6044.7	6591	8.6	162711.5	-6012.9
6572	9.3	162429.5	-6056.3	6582	8.8	162552.5	-6043.1	6592	9.3	162716.0	-6037.5
6573	10.0	162432.5	-6013.1	6583	10.0	162615.5	-6039.4	6593	9.2	162742.7	-6001.2

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-60 6953 17h40m

6594	5.9	162749.0	-6043.9	6684	9.4	164908.0	-6020.2	6774	9.8	170848.4	-6004.8	6864	9.4	172322.8	-6035.1
6595	8.4	162820.0	-6042.3	6685	9.5	165006.0	-6014.8	6775	9.4	170849.8	-6036.9	6865	9.4	172322.9	-6014.1
6596	9.8	162845.5	-6007.1	6686	9.6	165038.0	-6045.7	6776	9.8	170855.9	-6024.5	6866	9.2	172323.9	-6022.3
6597	9.3	162850.7	-6039.9	6687	9.7	165054.0	-6051.1	6777	9.8	170903.4	-6006.6	6867	9.6	172336.6	-6001.0
6598	7.7	162851.5	-6054.2	6688	9.6	165109.0	-6027.0	6778	9.8	170913.9	-6008.7	6868	9.2	172340.8	-6042.4
6599	9.8	162857.0	-6051.0	6689	8.9	165116.0	-6015.4	6779	9.6	170926.4	-6012.3	6869	9.4	172414.9	-6024.2
6600	9.8	162914.3	-6030.4	6690	8.2	165241.0	-6003.1	6780	9.6	170933.9	-6058.0	6870	9.8	172441.8	-6031.6
6601	9.3	162929.0	-6023.1	6691	9.4	165313.0	-6051.2	6781	9.8	170934.8	-6054.4	6871	8.9	172446.4	-6012.7
6602	9.3	162934.2	-6058.9	6692	9.3	165322.0	-6041.1	6782	9.9	170937.1	-6058.7	6872	9.8	172527.9	-6021.3
6603	7.2	162952.2	-6011.6	6693	9.3	165339.5	-6008.4	6783	9.9	170939.8	-6035.5	6873	10.0	172529.8	-6048.1
6604	9.4	163015.7	-6038.2	6694	8.2	165429.0	-6045.1	6784	8.9	170950.4	-6023.1	6874	9.6	172549.4	-6011.5
6605	8.3	163025.5	-6020.1	6695	8.2	165504.0	-6014.4	6785	10.0	170954.6	-6026.6	6875	9.5	172551.9	-6006.8
6606	9.6	163035.5	-6039.3	6696	9.7	165510.0	-6036.8	6786	9.2	171017.8	-6050.2	6876	9.3	172607.4	-6002.4
6607	10.0	163036.0	-6006.7	6697	9.6	165517.5	-6036.5	6787	9.8	171045.3	-6001.6	6877	10.0	172616.8	-6031.2
6608	9.8	163043.0	-6048.0	6698	9.8	165521.5	-6036.4	6788	9.5	171058.8	-6048.0	6878	10.0	172624.8	-6034.7
6609	9.0	163101.3	-6039.9	6699	8.6	165547.0	-6029.1	6789	9.9	171105.3	-6055.4	6879	9.6	172645.3	-6033.0
6610	9.8	163104.0	-6033.2	6700	9.7	165617.0	-6031.0	6790	9.3	171105.8	-6052.8	6880	9.2	172647.4	-6005.9
6611	9.4	163107.0	-6000.7	6701	9.8	165640.0	-6036.1	6791	9.5	171128.3	-6045.4	6881	9.9	172702.9	-6005.2
6612	9.8	163109.0	-6000.2	6702	8.6	165645.0	-6059.4	6792	9.8	171158.8	-6041.4	6882	9.2	172717.4	-6028.5
6613	8.8	163133.0	-6045.4	6703	8.4	165657.5	-6034.7	6793	9.4	171214.9	-6026.2	6883	9.4	172718.3	-6048.4
6614	8.0	163153.0	-6040.9	6704	9.8	165706.5	-6019.5	6794	9.2	171220.3	-6056.1	6884	9.8	172727.4	-6008.9
6615	9.6	163201.0	-6037.0	6705	8.6	165708.0	-6040.4	6795	9.6	171221.9	-6004.5	6885	9.8	172727.4	-6026.9
6616	9.2	163213.5	-6022.9	6706	9.8	165716.5	-6033.9	6796	8.8	171234.8	-6048.9	6886	9.4	172730.4	-6029.5
6617	8.5	163223.5	-6005.5	6707	9.8	165722.5	-6018.0	6797	10.0	171249.4	-6004.9	6887	7.5	172741.8	-6051.3
6618	9.7	163229.5	-6046.5	6708	9.7	165724.5	-6034.0	6798	10.0	171256.1	-6059.0	6888	9.8	172755.8	-6049.9
6619	9.7	163232.5	-6049.1	6709	9.3	165734.5	-6024.1	6799	8.8	171259.9	-6013.2	6889	8.9	172758.3	-6036.1
6620	9.8	163309.0	-6029.6	6710	9.0	165739.0	-6054.0	6800	5.9	171302.3	-6032.9	6890	9.4	172815.3	-6037.1
6621	9.0	163333.5	-6012.1	6711	9.7	165805.8	-6000.0	6801	8.2	171313.9	-6017.2	6891	9.6	172833.9	-6020.4
6622	9.6	163340.0	-6004.2	6712	8.5	165814.0	-6026.9	6802	10.0	171314.6	-6024.3	6892	9.2	172836.4	-6020.4
6623	8.3	163355.5	-6022.1	6713	9.6	165814.5	-6049.0	6803	9.1	171335.8	-6054.0	6893	9.6	172843.3	-6057.5
6624	9.8	163356.0	-6041.1	6714	8.2	165823.0	-6056.1	6804	10.0	171336.6	-6057.5	6894	9.6	172843.8	-6043.6
6625	9.3	163401.5	-6042.1	6715	9.8	165836.0	-6038.6	6805	9.9	171352.9	-6014.9	6895	8.4	172845.2	-6002.1
6626	9.1	163404.0	-6008.5	6716	9.8	165846.5	-6047.5	6806	9.3	171358.8	-6044.6	6896	9.8	172852.4	-6010.2
6627	9.8	163422.5	-6012.8	6717	9.4	165855.0	-6037.1	6807	9.8	171415.8	-6032.0	6897	9.9	172901.3	-6049.6
6628	9.7	163422.5	-6032.3	6718	8.2	165856.5	-6034.8	6808	9.4	171428.4	-6020.4	6898	8.2	172930.9	-6006.3
6629	7.6	163426.5	-6019.4	6719	9.0	165942.5	-6011.2	6809	9.2	171428.7	-6001.5	6899	10.0	172933.8	-6034.2
6630	9.6	163438.5	-6042.8	6720	9.7	165952.5	-6027.0	6810	10.0	171432.8	-6046.1	6900	9.8	172952.4	-6011.5
6631	9.8	163504.5	-6037.5	6721	9.1	170002.5	-6004.3	6811	9.5	171519.4	-6014.5	6901	9.9	173000.1	-6058.9
6632	9.7	163531.5	-6048.3	6722	9.8	170015.5	-6026.0	6812	9.3	171527.4	-6011.6	6902	9.8	173006.3	-6055.0
6633	9.3	163535.5	-6003.2	6723	8.9	170023.5	-6053.0	6813	9.6	171529.1	-6056.9	6903	9.0	173026.9	-6016.5
6634	9.3	163545.5	-6048.0	6724	9.3	170148.0	-6007.4	6814	8.4	171603.9	-6007.3	6904	9.2	173030.4	-6021.5
6635	8.2	163549.0	-6046.4	6725	8.4	170219.5	-6021.1	6815	10.0	171616.9	-6000.6	6905	9.2	173058.9	-6013.8
6636	8.6	163634.0	-6055.8	6726	8.8	170241.0	-6042.3	6816	10.0	171622.3	-6041.8	6906	9.6	173107.9	-6029.9
6637	9.1	163642.5	-6007.1	6727	9.0	170319.5	-6023.6	6817	9.2	171625.8	-6059.7	6907	9.8	173116.4	-6020.2
6638	9.6	163651.5	-6043.8	6728	9.7	170325.5	-6045.2	6818	9.8	171631.3	-6052.6	6908	9.3	173128.8	-6033.3
6639	9.2	163713.5	-6046.2	6729	9.3	170409.5	-6024.5	6819	9.6	171631.8	-6049.1	6909	9.6	173128.8	-6030.8
6640	9.6	163729.5	-6004.8	6730	7.8	170428.8	-6038.9	6820	9.3	171635.4	-6007.8	6910	9.9	173146.8	-6033.3
6641	9.7	163732.5	-6051.5	6731	9.7	170435.5	-6050.6	6821	10.0	171637.9	-6024.5	6911	9.6	173148.3	-6035.1
6642	8.6	163743.5	-6054.1	6732	9.7	170438.0	-6007.1	6822	10.0	171638.4	-6024.0	6912	9.6	173148.8	-6056.0
6643	9.4	163747.5	-6001.7	6733	9.8	170438.7	-6050.1	6823	9.6	171656.8	-6043.1	6913	10.0	173159.8	-6048.9
6644	8.6	163759.5	-6014.2	6734	8.6	170508.0	-6054.8	6824	9.8	171658.3	-6041.5	6914	8.4	173205.9	-6004.7
6645	9.7	163803.0	-6055.7	6735	9.8	170520.3	-6050.9	6825	10.0	171703.4	-6006.4	6915	9.2	173207.4	-6003.1
6646	9.8	163832.5	-6044.9	6736	9.8	170520.9	-6059.5	6826	10.0	171711.4	-6059.9	6916	10.0	173211.4	-6008.6
6647	9.3	163856.5	-6010.8	6737	7.4	170521.8	-6048.6	6827	10.0	171717.4	-6003.2	6917	9.9	173215.3	-6044.6
6648	9.2	163858.5	-6038.7	6738	9.9	170539.4	-6020.1	6828	10.0	171721.4	-6022.2	6918	8.5	173221.5	-6000.7
6649	9.7	163900.0	-6008.5	6739	10.0	170545.3	-6041.9	6829	9.2	171729.4	-6017.5	6919	10.0	173233.5	-6039.5
6650	9.6	163905.5	-6012.6	6740	9.3	170552.1	-6025.1	6830	10.0	171744.9	-6023.7	6920	10.0	173241.1	-6026.2
6651	9.4	163920.5	-6002.6	6741	10.0	170552.8	-6001.5	6831	9.8	171746.8	-6047.3	6921	10.0	173246.0	-6046.8
6652	9.7	163941.5	-6011.0	6742	9.6	170556.3	-6051.0	6832	9.0	171754.9	-6007.0	6922	10.0	173325.0	-6047.3
6653	9.3	163941.5	-6024.1	6743	9.6	170600.9	-6008.4	6833	8.0	171755.8	-6031.7	6923	9.0	173344.6	-6011.2
6654	8.9	163955.5	-6010.1	6744	9.6	170601.3	-6030.7	6834	9.6	171802.6	-6057.7	6924	9.0	173348.1	-6027.0
6655	9.6	164020.5	-6020.4	6745	8.9	170606.4	-6007.7	6835	9.8	171808.8	-6053.8	6925	9.0	173348.5	-6041.4
6656	9.8	164024.5	-6001.0	6746	9.8	170609.8	-6035.8	6836	9.5	171832.3	-6033.7	6926	8.7	173400.6	-6007.8
6657	9.2	164026.0	-6010.6	6747	9.8	170613.8	-6031.4	6837	10.0	171837.3	-6033.7	6927	10.0	173442.6	-6023.7
6658	8.2	164033.5	-6020.4	6748	9.8	170616.3	-6030.1	6838	10.0	171838.3	-6058.3	6928	8.8	173502.5	-6045.8
6659	9.7	164110.5	-6049.3	6749	7.9	170617.5	-6041.9	6839	9.6	171909.8	-6056.3	6929	9.4	173530.0	-6049.1
6660	8.2	164144.5	-6036.0	6750	9.8	170618.4	-6013.4	6840	10.0	171919.7	-6023.5	6930	9.6	173531.0	-6035.6
6661	9.6	164148.5	-6030.5	6751	9.2	170624.9	-6054.8	6841	9.4	171920.8	-6039.8	6931	9.4	173537.5	-6053.1
6662	9.0	164204.0	-6045.4	6752	9.8	170628.4	-6023.6	6842	4.1	171949.3	-6034.7	6932	9.1	173540.5	-6044.4
6663	9.7	164226.5	-6036.6	6753	10.0	170629.9	-6029.0	6843	9.3	172004.9	-6005.4	6933	7.6	173559.1	-6012.0
6664	8.8	164259.5	-6025.0	6754	9.6	170630.9	-6027.5	6844	8.5	172016.4	-6020.1	6934	8.6	173601.1	-6025.6
6665	9.6	164357.5	-6005.2	6755	9.6	170632.4	-6009.4	6845	10.0	172031.7	-6001.5	6935	10.0	173640.5	-6045.8
6666	9.4	164405.0	-6001.3	6756	9.8	170638.3	-6055.8	6846	9.9	172044.8	-6001.1	6936	9.4	173650.5	-6055.1
6667	8.6	164428.5	-6028.0	6757	9.6	170643.2	-6011.3	6847	9.3	172048.4	-6025.0	6937	9.9	173657.5	-6054.3
6668	9.4	164443.0	-6032.4	6758	9.6	170659.9	-6011.1	6848	9.8	172053.4	-6019.6	6938	9.4	173659.5	-6031.6
6669	9.8	164452.5	-6034.8	6759	9.4	170703.7	-6018.6	6849	9.8	172057.9	-6021.7	6939	8.4	173702.0	-6036.5
6670	9.4	164518.5	-6002.1	6760	9.0	170714.8	-6036.0	6850	9.1	172105.3	-6036.5	6940	9.6	173708.0	-6030.8
6671	9.6	164534.5	-6005.2	6761	9.8	170717.8	-6035.9	6851	9.9	172113.4	-6003.7	6941	10.0	173714.1	-6025.7
6672	9.6	164540.0	-6018.8	6762	9.4	170720.8	-6039.9	6852	10.0	172116.7	-6010.6	6942	9.0	173723.5	-6037.5
6673	8.6	164541.5	-6045.1	6763	9.1	170726.9	-6006.0	6853	10.0	172120.4	-6022.1	6943	9.0	173753.1	-6029.1
6674	9.7	164543.5	-6021.0	6764	10.0	170734.4	-6009.7	6854	10.0	172128.4	-6027.4	6944	9.6	173817.6	-6014.6
6675	9.3	164621.5	-6023.1	6765	9.8	170738.9	-6006.7	6855	9.4	172207.3	-6030.9	6945	9.5	173827.1	-6018.2
6676	7.0	164623.5	-6023.7	6766	9.6	170746.8	-6035.7	6856	9.4	172208.8	-6049.1	6946	9.6	173846.0	-6033.7
6677	9.7	164628.0	-6054.3	6767	9.8	170802.9	-6019.1	6857	8.9	172208.9	-6006.7	6947	10.0	173940.0	-6033.5
6678	9.2	164637.0	-6029.1	6768	9.8	170808.9	-6058.6	6858	9.3	172227.9	-6025.0	6948	9.9	173943.9	-6003.0
6679	8.2	164721.0	-6030.3	6769	9.4	170812.4	-6004.6	6859	9.9	172234.4	-6027.9	6949	9.5	174017.0	-6040.8
6680	8.9	164850.0	-6058.3	6770	9.8	170817.8	-6052.7	6860	9.9	172239.3	-6000.2	6950	7.2	174020.7	-6007.3
6681	9.2	164858.5	-6033.3	6771	10.0	170821.9	-6007.1	6861	9.8	172251.3	-6041.5	6951	9.4	174031.3	-6022.9
6682	9.1	164902.0	-6012.5	6772	9.3	170823.3	-6035.6	6862	9.8	172251.9	-6005.3	6952	9.9	174036.4	-6058.6
6683	9.8	164902.0	-6038.9	6773	9.8	170847.9	-6021.0	6863	9.8	172259.8	-6043.0	6953	7.9	174047.3	-6021.0

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6954	8.9	174110.3	-6046.8	7044	9.2	181736.3	-6045.1	7134	8.8	183103.7	-6012.6	7224	10.0	184934.4	-6039.9
6955	9.2	174137.3	-6054.5	7045	9.6	181747.2	-6003.6	7135	9.6	183109.2	-6056.5	7225	9.3	184945.9	-6001.1
6956	9.8	174151.8	-6021.7	7046	10.0	181749.9	-6020.2	7136	9.8	183117.2	-6038.4	7226	9.2	184945.9	-6051.6
6957	9.6	174201.1	-6006.3	7047	10.0	181811.6	-6040.5	7137	9.6	183123.2	-6055.7	7227	9.6	184951.4	-6047.2
6958	9.4	174211.3	-6026.5	7048	9.8	181817.7	-6024.5	7138	9.4	183125.3	-6018.0	7228	10.0	184955.4	-6045.5
6959	9.0	174312.5	-6052.7	7049	9.4	181819.2	-6012.2	7139	9.4	183159.7	-6056.6	7229	9.2	185004.2	-6023.2
6960	9.1	174326.0	-6045.3	7050	9.6	181822.1	-6046.8	7140	10.0	183159.8	-6047.2	7230	9.8	185020.0	-6008.6
6961	8.4	174329.0	-6012.0	7051	8.8	181843.1	-6007.7	7141	9.8	183204.8	-6053.0	7231	9.6	185036.2	-6045.7
6962	8.2	174341.3	-6013.9	7052	9.2	181848.6	-6035.9	7142	9.8	183222.4	-6022.7	7232	9.6	185043.5	-6045.9
6963	9.8	174341.7	-6055.4	7053	8.2	181849.3	-6045.2	7143	9.2	183228.8	-6040.7	7233	9.6	185050.0	-6010.1
6964	9.2	174353.0	-6007.5	7054	9.4	181853.6	-6045.0	7144	10.0	183246.4	-6007.3	7234	10.0	185056.0	-6026.6
6965	9.8	174359.5	-6029.9	7055	9.3	181940.6	-6004.2	7145	9.6	183254.4	-6002.4	7235	9.4	185116.7	-6045.9
6966	9.1	174523.5	-6047.5	7056	10.0	181946.6	-6042.8	7146	9.8	183317.4	-6021.6	7236	9.4	185129.5	-6017.0
6967	9.8	174532.0	-6029.6	7057	9.6	182000.2	-6008.3	7147	9.4	183318.4	-6020.5	7237	9.2	185139.0	-6027.0
6968	9.8	174540.0	-6038.5	7058	9.8	182017.2	-6058.4	7148	9.8	183320.9	-6002.0	7238	9.2	185158.4	-6040.7
6969	8.4	174542.0	-6017.9	7059	9.3	182038.6	-6050.4	7149	9.3	183327.3	-6046.5	7239	9.3	185200.9	-6016.7
6970	8.8	174639.5	-6032.0	7060	9.8	182041.7	-6006.3	7150	9.4	183330.4	-6013.0	7240	9.8	185203.8	-6042.8
6971	7.7	174717.0	-6039.5	7061	9.6	182045.7	-6002.0	7151	9.3	183356.9	-6025.6	7241	10.0	185212.8	-6024.4
6972	9.8	174727.0	-6053.7	7062	9.0	182050.2	-6059.1	7152	10.0	183401.8	-6037.3	7242	10.0	185227.0	-6052.2
6973	9.6	174747.0	-6010.5	7063	9.3	182052.1	-6034.2	7153	9.4	183404.4	-6014.3	7243	9.4	185238.4	-6000.2
6974	9.8	174801.0	-6016.5	7064	9.2	182106.7	-6019.6	7154	10.0	183413.3	-6039.0	7244	9.4	185316.5	-6025.2
6975	9.8	174802.5	-6027.1	7065	9.4	182109.2	-6004.8	7155	9.4	183435.3	-6036.1	7245	9.6	185322.5	-6028.6
6976	9.8	174803.0	-6041.5	7066	9.8	182115.9	-6059.0	7156	9.4	183439.6	-6022.5	7246	10.0	185329.9	-6004.1
6977	9.2	174810.0	-6026.4	7067	10.0	182119.7	-6010.5	7157	9.4	183456.8	-6039.4	7247	10.0	185338.3	-6053.5
6978	9.2	174827.0	-6033.3	7068	10.0	182141.1	-6049.7	7158	9.6	183521.8	-6049.2	7248	9.6	185340.8	-6032.2
6979	9.6	174900.0	-6047.9	7069	9.6	182144.7	-6016.5	7159	9.4	183550.9	-6013.9	7249	9.6	185350.3	-6044.5
6980	9.4	174920.0	-6035.4	7070	8.8	182157.2	-6013.7	7160	9.4	183550.9	-6011.3	7250	9.4	185402.3	-6033.2
6981	8.8	174927.0	-6020.9	7071	9.1	182200.2	-6017.3	7161	7.3	183608.8	-6030.1	7251	8.8	185420.8	-6053.7
6982	9.4	174928.0	-6010.9	7072	8.6	182208.7	-6019.1	7162	9.8	183609.4	-6017.1	7252	10.0	185441.3	-6039.9
6983	9.8	174937.0	-6038.8	7073	9.2	182209.6	-6030.3	7163	9.4	183620.9	-6004.7	7253	9.2	185452.7	-6017.4
6984	8.5	174953.0	-6045.9	7074	9.8	182214.1	-6041.1	7164	9.8	183638.6	-6025.6	7254	9.8	185511.0	-6047.6
6985	9.0	175055.0	-6009.8	7075	8.8	182217.6	-6043.2	7165	9.4	183649.3	-6045.1	7255	9.6	185511.7	-6047.9
6986	9.4	175102.0	-6038.9	7076	10.0	182218.2	-6010.0	7166	9.0	183649.3	-6039.4	7256	9.8	185528.7	-6016.1
6987	7.9	175108.0	-6007.7	7077	9.2	182220.2	-6007.6	7167	9.4	183649.9	-6012.5	7257	9.4	185533.0	-6016.2
6988	9.8	175116.5	-6048.3	7078	9.1	182246.7	-6008.4	7168	9.4	183707.8	-6048.6	7258	9.1	185636.7	-6019.9
6989	9.2	175154.5	-6009.7	7079	9.8	182257.2	-6003.6	7169	9.8	183715.8	-6050.5	7259	8.8	185636.7	-6005.5
6990	9.1	175200.5	-6013.1	7080	9.8	182303.7	-6012.6	7170	10.0	183721.9	-6005.0	7260	9.0	185647.2	-6048.5
6991	9.2	175301.0	-6039.3	7081	9.1	182318.6	-6039.7	7171	8.5	183740.9	-6023.6	7261	9.8	185659.8	-6010.6
6992	9.2	175410.0	-6007.1	7082	10.0	182346.6	-6057.2	7172	10.0	183743.3	-6032.0	7262	9.8	185712.5	-6058.0
6993	8.8	175437.5	-6018.0	7083	8.8	182350.6	-6033.5	7173	9.0	183825.9	-6022.1	7263	9.8	185716.8	-6009.2
6994	9.5	175437.5	-6010.9	7084	8.4	182356.2	-6019.1	7174	9.3	183828.4	-6010.2	7264	9.6	185719.9	-6010.7
6995	9.2	175439.0	-6010.3	7085	9.8	182404.7	-6016.5	7175	10.0	183848.8	-6040.9	7265	9.8	185721.9	-6021.0
6996	9.6	175502.0	-6054.5	7086	9.4	182407.1	-6051.0	7176	9.8	183850.4	-6013.5	7266	8.3	185731.5	-6040.8
6997	8.4	175505.5	-6031.9	7087	9.1	182417.1	-6042.1	7177	9.2	183850.9	-6023.4	7267	9.2	185811.5	-6034.2
6998	8.4	175621.0	-6004.3	7088	10.0	182418.1	-6021.5	7178	9.2	183925.8	-6031.6	7268	9.2	185826.5	-6005.6
6999	9.8	175631.0	-6052.4	7089	9.8	182418.2	-6024.6	7179	8.8	183928.1	-6039.4	7269	7.4	185934.5	-6014.4
7000	9.2	175655.5	-6021.9	7090	8.8	182419.6	-6056.2	7180	9.4	184015.1	-6032.2	7270	9.2	185945.5	-6010.2
7001	8.8	175748.0	-6020.2	7091	9.4	182430.2	-6025.0	7181	9.3	184015.7	-6023.8	7271	10.0	185951.0	-6010.7
7002	9.5	175807.0	-6022.8	7092	9.0	182436.6	-6051.1	7182	10.0	184032.1	-6041.7	7272	8.3	185952.0	-6027.8
7003	8.5	175831.5	-6053.8	7093	7.4	182442.2	-6028.2	7183	9.6	184048.1	-6030.7	7273	9.2	190039.5	-6016.8
7004	9.6	175901.0	-6039.0	7094	10.0	182450.1	-6012.2	7184	8.8	184113.7	-6020.1	7274	9.6	190100.0	-6056.7
7005	8.8	175908.5	-6027.6	7095	10.0	182455.2	-6007.1	7185	7.9	184128.7	-6021.8	7275	9.6	190106.5	-6053.2
7006	8.4	175921.0	-6007.5	7096	8.6	182458.2	-6009.7	7186	9.8	184216.1	-6054.2	7276	9.4	190258.5	-6021.8
7007	9.0	175959.5	-6022.6	7097	10.0	182507.6	-6031.0	7187	9.8	184225.1	-6037.8	7277	8.6	190307.5	-6008.1
7008	7.5	180020.5	-6025.9	7098	8.8	182542.3	-6004.2	7188	10.0	184312.7	-6007.9	7278	9.4	190427.5	-6056.5
7009	9.8	180033.0	-6040.1	7099	9.4	182602.2	-6046.6	7189	8.6	184313.1	-6046.1	7279	9.2	190502.5	-6059.6
7010	8.4	180050.0	-6003.1	7100	8.4	182607.7	-6051.6	7190	9.4	184339.7	-6021.1	7280	9.6	190602.5	-6031.4
7011	8.2	180052.0	-6009.6	7101	10.0	182609.2	-6041.7	7191	9.8	184349.1	-6032.2	7281	9.6	190622.5	-6059.7
7012	7.0	180152.5	-6009.9	7102	9.8	182610.9	-6050.6	7192	10.0	184400.6	-6032.8	7282	9.0	190850.5	-6014.5
7013	9.0	180200.0	-6048.1	7103	9.0	182619.7	-6034.8	7193	9.4	184429.7	-6024.3	7283	9.0	190851.0	-6024.3
7014	9.2	180203.5	-6022.9	7104	10.0	182638.3	-6020.3	7194	9.2	184434.2	-6003.1	7284	9.0	190923.5	-6059.9
7015	8.7	180315.5	-6047.6	7105	9.4	182656.2	-6044.2	7195	10.0	184436.2	-6001.0	7285	9.6	191101.0	-6056.1
7016	9.2	180331.3	-6001.7	7106	8.8	182659.7	-6036.2	7196	9.3	184440.9	-6033.3	7286	9.4	191230.5	-6018.0
7017	9.2	180347.5	-6024.1	7107	9.6	182708.3	-6018.4	7197	10.0	184449.2	-6002.1	7287	9.2	191239.0	-6030.0
7018	9.8	180353.0	-6036.7	7108	9.2	182710.0	-6000.5	7198	10.0	184452.1	-6058.0	7288	9.4	191259.0	-6012.4
7019	8.2	180423.0	-6041.5	7109	9.0	182715.3	-6019.3	7199	10.0	184453.7	-6014.6	7289	9.6	191330.5	-6024.6
7020	9.5	180427.0	-6043.9	7110	8.8	182717.8	-6018.7	7200	10.0	184513.7	-6009.4	7290	9.6	191350.0	-6014.6
7021	9.2	180540.5	-6037.9	7111	8.6	182717.8	-6018.0	7201	8.8	184536.1	-6040.2	7291	8.8	191452.5	-6040.0
7022	9.8	180542.0	-6003.5	7112	10.0	182720.3	-6009.3	7202	9.8	184546.1	-6049.2	7292	9.0	191458.0	-6056.0
7023	9.8	180846.5	-6038.5	7113	9.4	182729.0	-6000.1	7203	10.0	184553.1	-6046.6	7293	9.0	191532.0	-6045.5
7024	9.8	180853.0	-6044.9	7114	10.0	182730.3	-6007.2	7204	10.0	184559.1	-6042.6	7294	7.8	191604.0	-6009.2
7025	9.8	180855.0	-6044.9	7115	8.5	182742.2	-6042.7	7205	8.8	184607.7	-6026.0	7295	9.2	191707.5	-6031.0
7026	9.6	180923.0	-6013.8	7116	10.0	182746.3	-6004.4	7206	9.3	184609.6	-6058.0	7296	9.2	191740.5	-6034.0
7027	9.8	180942.5	-6013.8	7117	9.4	182811.8	-6006.8	7207	8.8	184650.7	-6018.5	7297	6.9	191813.5	-6031.5
7028	9.6	181002.5	-6054.9	7118	9.8	182818.2	-6038.0	7208	9.8	184654.6	-6033.6	7298	9.6	192157.5	-6033.9
7029	9.8	181011.5	-6038.5	7119	9.8	182822.9	-6044.6	7209	9.6	184710.7	-6012.0	7299	9.4	192325.0	-6023.3
7030	9.8	181035.4	-6003.9	7120	9.4	182902.7	-6035.0	7210	9.4	184720.6	-6052.9	7300	9.0	192525.5	-6044.3
7031	7.0	181142.5	-6048.1	7121	10.0	182907.3	-6019.7	7211	9.6	184727.4	-6000.2	7301	9.6	192553.5	-6033.5
7032	9.2	181245.0	-6005.9	7122	10.0	182908.2	-6048.2	7212	9.6	184728.1	-6045.3	7302	9.6	192709.0	-6028.6
7033	8.4	181304.0	-6010.9	7123	9.6	182917.3	-6012.0	7213	7.1	184729.2	-6021.7	7303	8.7	192714.5	-6041.1
7034	9.8	181319.5	-6045.7	7124	9.6	182921.7	-6049.3	7214	10.0	184740.1	-6052.2	7304	9.0	192806.5	-6012.5
7035	9.8	181321.5	-6026.7	7125	9.3	182933.2	-6038.7	7215	9.8	184801.9	-6056.7	7305	9.4	192827.0	-6011.0
7036	9.0	181420.5	-6009.9	7126	9.2	182947.2	-6001.3	7216	9.8	184842.1	-6032.9	7306	8.6	192829.5	-6008.1
7037	9.2	181424.0	-6049.9	7127	9.6	182950.3	-6003.7	7217	9.0	184843.7	-6025.0	7307	9.4	192920.2	-6007.6
7038	9.6	181535.5	-6037.0	7128	10.0	182959.7	-6051.2	7218	7.6	184902.7	-6022.0	7308	9.8	192931.3	-6043.9
7039	9.8	181651.0	-6049.7	7129	8.8	183001.8	-6024.9	7219	8.8	184904.7	-6024.5	7309	9.9	192943.0	-6023.6
7040	9.8	181708.7	-6030.5	7130	9.4	183020.3	-6025.4	7220	9.6	184917.5	-6010.7	7310	10.0	192950.0	-6023.3
7041	8.4	181710.0	-6018.3	7131	10.0	183032.7	-6045.9	7221	9.6	184917.9	-6044.9	7311	9.6	193016.0	-6034.7
7042	8.6	181729.6	-6040.9	7132	9.4	183048.2	-6053.0	7222	9.2	184924.0	-6004.4	7312	10.0	193022.0	-6034.6
7043	10.0	181732.1	-6053.2	7133	9.4	183053.3	-6001.3	7223	9.4	184927.9	-6002.0	7313	9.9	193024.5	-6013.7

-60 7313 19h30m

-60 7314 19h30m

-60 7673 23h33m

7314	10.0	193030.5	-6059.9	7404	9.0	201601.5	-6025.2	7494	9.6	212920.0	-6004.0
7315	9.6	193142.0	-6006.2	7405	9.6	201733.5	-6052.7	7495	9.4	213051.5	-6035.1
7316	9.8	193210.0	-6020.0	7406	9.2	201829.5	-6024.1	7496	9.8	213103.5	-6053.3
7317	10.0	193312.0	-6020.9	7407	9.6	201831.5	-6015.1	7497	10.1	213140.5	-6006.5
7318	10.0	193316.0	-6014.2	7408	9.6	202141.0	-6027.4	7498	10.0	213250.0	-6042.0
7319	8.8	193326.0	-6044.5	7409	9.0	202232.5	-6059.9	7499	8.6	213315.0	-6033.4
7320	10.0	193418.0	-6058.0	7410	8.6	202553.0	-6006.1	7500	10.0	213319.5	-6044.8
7321	10.0	193429.0	-6047.3	7411	9.6	202555.0	-6020.7	7501	8.8	213334.0	-6034.0
7322	9.2	193500.5	-6059.9	7412	8.8	202614.0	-6024.1	7502	10.1	213456.5	-6011.0
7323	9.4	193503.5	-6035.0	7413	9.3	202629.5	-6017.1	7503	9.4	213508.5	-6047.0
7324	9.1	193518.0	-6024.8	7414	9.4	202649.5	-6006.5	7504	8.9	213642.0	-6021.8
7325	10.0	193519.0	-6052.8	7415	8.9	202704.0	-6016.0	7505	8.8	213918.0	-6007.3
7326	10.0	193538.0	-6005.5	7416	9.6	202818.5	-6021.1	7506	8.4	214011.0	-6054.8
7327	9.8	193701.0	-6057.1	7417	9.4	202911.0	-6007.0	7507	10.0	214021.0	-6006.4
7328	9.9	193722.0	-6019.0	7418	9.3	202922.0	-6003.1	7508	7.8	214043.5	-6038.0
7329	10.0	193803.0	-6046.1	7419	6.5	202941.0	-6058.0	7509	8.8	214044.0	-6026.6
7330	9.9	193845.0	-6027.0	7420	9.4	203033.0	-6052.7	7510	8.4	214104.0	-6036.0
7331	10.0	193859.0	-6012.8	7421	8.8	203400.5	-6015.2	7511	8.0	214150.5	-6013.4
7332	9.1	193859.5	-6043.0	7422	8.7	203513.7	-6002.8	7512	8.4	214233.3	-6000.3
7333	9.6	193906.0	-6053.9	7423	9.2	203539.0	-6059.3	7513	10.1	214252.5	-6017.0
7334	8.8	193931.5	-6042.5	7424	8.4	203624.0	-6043.8	7514	9.6	214315.5	-6003.1
7335	8.4	193935.0	-6001.4	7425	9.1	203928.5	-6028.5	7515	10.0	214349.5	-6056.3
7336	9.5	194046.0	-6031.0	7426	9.4	204118.0	-6052.2	7516	8.8	214358.5	-6011.8
7337	9.9	194104.0	-6014.0	7427	9.4	204201.5	-6051.8	7517	10.1	214412.0	-6028.4
7338	9.8	194112.5	-6057.0	7428	9.4	204307.0	-6046.6	7518	8.2	214418.5	-6010.1
7339	9.2	194128.0	-6028.6	7429	9.4	204319.0	-6035.3	7519	10.1	214454.5	-6005.4
7340	8.8	194156.0	-6026.2	7430	9.4	204322.6	-6058.4	7520	10.1	214613.0	-6058.8
7341	9.0	194228.0	-6034.6	7431	9.2	204340.7	-6008.1	7521	10.1	214623.5	-6050.4
7342	10.0	194326.5	-6056.3	7432	9.8	204344.0	-6033.5	7522	9.2	214646.0	-6007.5
7343	9.9	194410.0	-6044.1	7433	8.6	204345.7	-6005.2	7523	9.6	214658.0	-6031.7
7344	8.8	194428.0	-6011.1	7434	7.5	204346.0	-6010.6	7524	8.0	214708.0	-6049.1
7345	9.4	194540.0	-6050.8	7435	8.6	204400.0	-6009.0	7525	8.0	214803.5	-6003.8
7346	9.9	194554.0	-6059.8	7436	8.6	204447.3	-6010.7	7526	10.0	214857.2	-6022.0
7347	10.0	194618.0	-6038.7	7437	9.3	204531.5	-6019.7	7527	8.8	214933.5	-6029.4
7348	8.8	194712.5	-6055.2	7438	9.4	204552.5	-6014.8	7528	10.1	215028.0	-6020.6
7349	9.5	194742.0	-6019.0	7439	9.5	204555.0	-6013.6	7529	8.0	215054.5	-6010.0
7350	9.5	194857.5	-6030.7	7440	9.2	204620.0	-6044.4	7530	9.5	215057.0	-6017.0
7351	8.3	194915.0	-6021.1	7441	9.5	204701.0	-6056.3	7531	9.8	215107.0	-6016.0
7352	10.0	195022.4	-6009.8	7442	9.4	204716.5	-6052.1	7532	10.1	215120.3	-6046.6
7353	9.8	195024.0	-6031.9	7443	9.4	204839.5	-6023.6	7533	10.0	215153.5	-6059.3
7354	9.9	195028.5	-6042.0	7444	9.2	205318.5	-6050.1	7534	10.0	215207.5	-6059.4
7355	8.8	195051.5	-6024.5	7445	8.9	205532.0	-6051.8	7535	8.7	215311.8	-6019.2
7356	9.9	195102.4	-6042.6	7446	9.4	205551.5	-6036.7	7536	10.0	215317.0	-6010.4
7357	9.0	195105.0	-6033.4	7447	9.8	205612.0	-6011.5	7537	7.8	215437.5	-6046.1
7358	9.3	195129.5	-6002.8	7448	9.4	205620.0	-6013.2	7538	9.8	215532.0	-6041.9
7359	9.4	195201.0	-6030.7	7449	9.4	205710.0	-6019.9	7539	9.6	215605.5	-6036.1
7360	10.0	195234.5	-6058.5	7450	8.6	205712.0	-6002.1	7540	9.8	215659.0	-6052.0
7361	9.6	195310.5	-6054.8	7451	7.5	205736.5	-6029.3	7541	7.0	215703.2	-6014.4
7362	9.6	195422.5	-6035.9	7452	7.7	210250.0	-6033.2	7542	10.0	215839.5	-6020.5
7363	10.0	195442.5	-6018.8	7453	9.7	210359.0	-6056.1	7543	10.0	215908.5	-6028.9
7364	9.1	195518.5	-6025.8	7454	9.3	210404.0	-6051.7	7544	9.4	215927.0	-6048.2
7365	9.6	195545.5	-6055.8	7455	8.6	210448.0	-6013.2	7545	8.5	215930.0	-6012.9
7366	10.0	195554.5	-6010.9	7456	9.8	210529.0	-6050.1	7546	8.0	215942.5	-6006.0
7367	8.4	195609.0	-6042.8	7457	9.2	210612.3	-6002.9	7547	9.6	220124.0	-6021.8
7368	9.1	195609.5	-6012.9	7458	9.2	210832.0	-6017.5	7548	8.8	220138.5	-6021.5
7369	10.0	195631.5	-6007.7	7459	9.4	210857.0	-6055.9	7549	9.6	220220.0	-6006.4
7370	9.9	195648.5	-6050.3	7460	9.6	210916.5	-6043.9	7550	9.6	220249.0	-6049.8
7371	8.8	195723.5	-6041.9	7461	9.5	210919.5	-6044.0	7551	7.1	220427.0	-6018.4
7372	9.9	195753.0	-6031.6	7462	9.8	210921.0	-6022.1	7552	7.9	220529.0	-6006.8
7373	9.4	195814.0	-6009.5	7463	9.4	210923.0	-6058.3	7553	9.3	220536.5	-6011.1
7374	8.4	195814.5	-6022.6	7464	8.8	211021.0	-6048.9	7554	9.0	220546.0	-6042.0
7375	9.2	195816.5	-6010.7	7465	8.8	211022.5	-6049.2	7555	9.8	220833.0	-6035.1
7376	9.9	195836.5	-6040.8	7466	8.9	211115.0	-6019.0	7556	9.0	220915.5	-6054.9
7377	9.6	195837.0	-6030.9	7467	9.8	211236.0	-6044.6	7557	10.0	220915.6	-6058.9
7378	9.9	195851.5	-6057.2	7468	8.3	211249.0	-6023.4	7558	10.0	220920.0	-6055.2
7379	9.5	195854.0	-6003.8	7469	9.0	211319.5	-6046.7	7559	9.3	220926.0	-6007.3
7380	9.9	195856.5	-6058.8	7470	9.8	211403.5	-6036.9	7560	10.0	220949.0	-6027.4
7381	10.0	195950.0	-6026.0	7471	10.1	211543.5	-6014.0	7561	4.4	220954.5	-6052.9
7382	9.9	200105.5	-6012.3	7472	10.0	211600.0	-6051.2	7562	9.2	221043.5	-6044.4
7383	9.8	200107.0	-6049.9	7473	9.2	211627.0	-6010.3	7563	9.4	221221.0	-6050.9
7384	9.4	200112.5	-6018.0	7474	10.1	211702.0	-6040.0	7564	8.5	221313.0	-6034.5
7385	9.9	200132.4	-6013.5	7475	10.1	211703.5	-6021.7	7565	9.6	221609.0	-6043.3
7386	10.0	200142.0	-6011.9	7476	9.8	211750.5	-6035.1	7566	9.2	221627.0	-6024.7
7387	8.4	200214.2	-6037.2	7477	10.0	211802.5	-6026.7	7567	7.6	222033.0	-6041.4
7388	9.1	200442.9	-6058.0	7478	9.4	211816.3	-6014.8	7568	10.0	222124.5	-6054.7
7389	9.9	200513.5	-6018.3	7479	9.5	211911.7	-6045.7	7569	10.0	222209.5	-6041.5
7390	9.2	200606.7	-6004.3	7480	9.5	212047.3	-6014.2	7570	9.8	222321.5	-6048.0
7391	9.4	200614.5	-6003.6	7481	7.8	212055.8	-6045.0	7571	10.0	222323.0	-6042.0
7392	8.6	200630.0	-6001.2	7482	9.6	212106.0	-6047.0	7572	10.0	222442.0	-6011.6
7393	9.6	200750.5	-6057.4	7483	9.4	212229.3	-6016.4	7573	9.0	222456.5	-6039.3
7394	9.7	201007.0	-6022.1	7484	8.8	212252.3	-6008.4	7574	7.9	222507.0	-6038.1
7395	9.4	201053.5	-6039.9	7485	7.6	212336.8	-6014.9	7575	7.6	222544.0	-6047.1
7396	9.3	201208.0	-6019.5	7486	10.0	212354.0	-6057.3	7576	9.8	222640.1	-6019.1
7397	9.6	201413.5	-6021.5	7487	9.6	212430.0	-6003.0	7577	7.8	222744.2	-6030.3
7398	9.7	201420.0	-6030.2	7488	8.0	212622.0	-6014.8	7578	9.4	222815.0	-6006.1
7399	9.6	201422.0	-6036.8	7489	9.8	212719.5	-6001.0	7579	7.8	222856.5	-6012.5
7400	8.5	201426.0	-6021.7	7490	10.0	212724.5	-6059.9	7580	7.9	222938.0	-6044.5
7401	9.7	201501.0	-6002.0	7491	9.6	212830.5	-6051.0	7581	9.3	222953.0	-6042.7
7402	9.7	201549.0	-6038.2	7492	9.2	212857.0	-6000.0	7582	9.0	223016.0	-6049.5
7403	9.6	201601.0	-6037.7	7493	10.0	212918.0	-6038.8	7583	7.8	223017.8	-6038.0
7584	9.4	223043.5	-6036.1								
7585	8.5	223051.2	-6043.1								
7586	8.8	223114.0	-6031.1								
7587	9.2	223123.0	-6039.6								
7588	9.4	223146.8	-6037.8								
7589	8.8	223214.0	-6045.6								
7590	9.4	223319.0	-6018.1								
7591	8.8	223505.2	-6057.4								
7592	9.4	223524.5	-6007.0								
7593	8.8	223542.5	-6048.7								
7594	8.2	223635.5	-6046.3								
7595	8.8	223639.5	-6046.2								
7596	9.4	223750.8	-6042.1								
7597	9.0	223802.5	-6051.0								
7598	9.4	223837.5	-6014.7								
7599	9.2	223857.0	-6001.3								
7600	8.0	223903.5	-6044.1								
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7605	7.4	224232.5	-6011.1								
7606	8.6	224240.5	-6005.1								
7607	9.4	224253.0	-6026.9								
7608	9.2	224313.0	-6012.0								
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7610	7.2	224351.5	-6032.5								
7611	8.8	224414.0	-6049.1								
7612	9.0	224427.5	-6042.1								
7613	9.4	224449.5	-6029.0								
7614	9.2	224502.5	-6017.7								
7615	9.2	224607.5	-6028.5								
7616	9.3	224622.5	-6011.3								
7617	9.4	224742.8	-6039.6								
7618	9.2	224830.5	-6011.3								
7619	8.4	225036.0	-6004.6								
7620	8.9	225125.0	-6028.1								
7621	7.7	225131.0	-6049.5								
7622	8.6	225309.0	-6005.3								
7623	7.8	225421.0	-6008.1								
7624	9.4	225422.0	-6047.4								
7625	9.4	225501.8	-6007.2								
7626	9.0	225511.5	-6031.1								
7627	8.2	225612.5	-6011.2								
7628	9.4	225628.8	-6047.3								
7629	8.0	225801.5	-6045.1								
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7631	9.3	225959.5	-6003.3								
7632	7.7	230001.0	-6018.4								
7633	9.4	230022.8	-6018.0								
7634	8.9	230034.5	-6004.1								
7635	7.3	230102.5	-6024.5								
7636	9.4	230137.0	-6037.0								
7637	9.3	230200.5	-6046.4								
7638	9.3	230241.0	-6052.9								
7639	7.7	230244.3	-6002.9								
7640	9.4	230304.0	-6017.5								
7641	9.4	230601.7	-6018.8								
7642	8.2	230602.5	-6005.1								
7643	9.6	230620.0	-6050.0								
7644	8.0	230805.7	-6022.4								
7645	7.6	230847.0	-6027.7								
7646	9.3	230916.5	-6057.1								
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7648	8.3	231113.0	-6041.0								
7649	9.6	231208.3	-6041.9								
7650	8.8	231422.0	-6046.0								
7651	8.8	231511.5	-6039.5								
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7653	9.6	231523.5	-6001.4								
7654	7.6	231539.5	-6044.4								
7655	9.1	231557.5	-6035.3								
7656	9.6	231612.0	-6004.8								
7657	8.8	231646.5	-6012.5								
7658	8.6	231731.5	-6019.2								
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7660	7.6	231940.0	-6019.7								
7661	8.8	232019.5	-6021.3								
7662	9.0	232053.5	-6026.9								
7663	8.0	232141.5	-6007.6								
7664	9.3	232155.0	-6014.6								
7665	8.3	232358.5	-6046.9								
7666	9.1	232556.0	-6018.6								
7667	8.3	232630.5	-6036.5								
7668	8.8	232652.0	-6011.0								
7669	8.8	233020.5	-6011.0								
7670	8.3	233057.0	-6028.0								
7671	8.8	233216.5	-6059.4								
7672	8.8	233241.0	-6025.7								
7673	9.6	233319.5	-6052.8								

7674	9.6	233401.5	-6004.3	47	9.1	04934.5	-6125.1	137	10.6	13948.3	-6131.6	227	9.4	24440.5	-6126.1
7675	9.6	233412.5	-6030.6	48	8.8	05130.0	-6114.9	138	10.6	13958.1	-6120.7	228	9.5	24446.8	-6155.4
7676	9.6	233516.0	-6037.3	49	9.6	05200.5	-6131.0	139	6.3	14020.3	-6138.8	229	9.4	24643.0	-6106.0
7677	8.4	233613.0	-6022.4	50	6.1	05310.0	-6122.3	140	10.2	14038.8	-6153.3	230	9.4	24655.0	-6105.1
7678	8.4	233633.0	-6030.4	51	8.4	05324.0	-6126.7	141	8.6	14056.8	-6101.0	231	9.7	24659.5	-6145.0
7679	8.0	233640.5	-6028.2	52	10.2	05355.0	-6107.0	142	8.9	14116.1	-6112.6	232	8.6	24803.0	-6124.8
7680	8.8	233804.5	-6006.7	53	9.6	05355.5	-6155.1	143	10.4	14139.3	-6155.9	233	8.8	25117.5	-6138.7
7681	9.6	233920.5	-6022.4	54	10.2	05440.0	-6133.1	144	10.6	14233.6	-6107.2	234	9.1	25249.5	-6106.9
7682	8.7	234004.5	-6037.7	55	9.2	05440.0	-6159.7	145	10.6	14251.1	-6110.7	235	8.4	25253.0	-6158.0
7683	8.8	234025.5	-6029.8	56	10.2	05523.0	-6122.5	146	10.6	14311.0	-6135.9	236	9.5	25336.5	-6141.6
7684	9.6	234058.5	-6031.6	57	10.2	05533.5	-6156.0	147	10.2	14312.8	-6135.5	237	8.6	25358.5	-6105.9
7685	9.5	234110.0	-6027.8	58	7.1	05609.8	-6132.2	148	10.0	14439.3	-6132.9	238	9.4	25523.5	-6134.9
7686	8.0	234239.5	-6046.2	59	9.0	05615.5	-6158.3	149	9.0	14607.8	-6137.9	239	9.5	25631.5	-6123.9
7687	9.3	234244.3	-6043.7	60	10.2	05632.5	-6101.5	150	10.6	14701.7	-6125.4	240	9.7	25821.5	-6125.3
7688	9.1	234317.5	-6050.5	61	8.6	05633.5	-6130.3	151	10.0	14910.1	-6124.0	241	8.2	30006.5	-6117.2
7689	9.1	234405.5	-6014.0	62	10.4	05809.0	-6155.0	152	9.7	14928.2	-6103.0	242	9.1	30006.5	-6105.0
7690	9.6	234412.0	-6018.2	63	9.4	05841.0	-6108.3	153	10.0	15014.8	-6142.3	243	9.1	30021.0	-6103.7
7691	9.6	234552.5	-6026.8	64	9.8	05924.0	-6108.8	154	10.4	15029.1	-6112.1	244	8.8	30101.5	-6119.8
7692	9.5	234719.0	-6008.8	65	9.9	10003.0	-6129.9	155	9.6	15045.6	-6125.5	245	7.9	30122.0	-6132.0
7693	9.7	234721.0	-6001.1	66	10.0	10011.0	-6130.9	156	10.6	15120.7	-6120.1	246	9.0	30136.0	-6159.1
7694	9.6	234735.5	-6056.8	67	10.0	10014.0	-6104.7	157	6.1	15146.6	-6128.4	247	8.2	30527.0	-6137.8
7695	7.0	234736.5	-6014.3	68	9.0	10036.5	-6123.9	158	10.6	15158.3	-6149.8	248	9.1	31005.0	-6157.6
7696	9.2	234805.5	-6042.1	69	10.2	10124.5	-6128.1	159	9.6	15159.6	-6127.0	249	8.0	31213.0	-6106.0
7697	9.1	234806.5	-6037.6	70	8.5	10126.0	-6149.3	160	10.6	15206.8	-6157.7	250	8.8	31234.0	-6150.2
7698	8.7	234832.5	-6039.8	71	9.6	10154.0	-6135.5	161	8.6	15317.6	-6119.5	251	9.0	31519.5	-6129.8
7699	9.6	234957.0	-6053.8	72	10.2	10238.5	-6116.1	162	10.2	15420.3	-6142.7	252	9.8	31643.5	-6119.2
7700	9.7	235001.5	-6018.4	73	9.6	10320.5	-6135.7	163	10.2	15427.8	-6133.5	253	7.3	31858.5	-6156.0
7701	9.0	235004.5	-6013.8	74	9.0	10348.0	-6117.2	164	9.0	15519.6	-6107.0	254	9.2	31913.5	-6139.4
7702	9.7	235012.7	-6011.7	75	10.2	10425.0	-6142.8	165	9.7	15550.8	-6146.9	255	8.8	31929.2	-6126.1
7703	9.6	235030.7	-6037.8	76	10.2	10516.0	-6100.8	166	10.6	15559.6	-6127.2	256	9.8	32110.0	-6105.7
7704	9.7	235114.5	-6045.9	77	10.4	10523.0	-6133.8	167	10.2	15600.8	-6137.3	257	9.6	32125.5	-6158.5
7705	9.1	235152.5	-6054.7	78	9.2	10709.0	-6153.6	168	10.2	15623.2	-6108.3	258	9.4	32330.0	-6112.1
7706	9.6	235201.0	-6011.8	79	10.2	10721.0	-6132.9	169	10.6	15628.9	-6157.8	259	9.8	32408.5	-6140.0
7707	8.7	235233.5	-6013.5	80	10.2	10736.0	-6133.3	170	10.6	15739.2	-6119.8	260	9.6	32453.0	-6137.5
7708	9.5	235449.5	-6031.5	81	9.2	10805.2	-6159.8	171	8.9	15745.2	-6128.8	261	7.6	32453.0	-6141.7
7709	9.6	235503.7	-6037.6	82	10.0	10823.0	-6150.1	172	8.8	15807.7	-6118.6	262	9.8	32454.0	-6154.7
7710	9.5	235528.0	-6049.8	83	9.8	10826.0	-6150.9	173	9.2	15820.2	-6112.0	263	9.6	32606.0	-6133.8
7711	9.8	235732.7	-6035.4	84	7.8	10913.5	-6140.2	174	10.0	15925.7	-6120.3	264	8.6	32615.0	-6137.2
7712	9.6	235743.5	-6010.8	85	10.4	11038.0	-6103.9	175	9.8	15944.6	-6134.8	265	7.5	33016.0	-6100.0
7713	9.0	235744.0	-6044.9	86	10.2	11115.0	-6149.6	176	10.4	20021.9	-6139.7	266	7.8	33025.0	-6148.9
7714	8.1	235754.0	-6000.8	87	10.2	11229.0	-6141.9	177	9.6	20044.7	-6113.9	267	7.1	33029.5	-6126.3
7715	9.1	235840.5	-6024.7	88	10.2	11242.5	-6135.0	178	9.0	20114.7	-6124.1	268	9.8	33102.5	-6127.5
7716	8.7	235841.5	-6031.4	89	10.2	11317.5	-6110.5	179	10.4	20212.2	-6129.3	269	7.2	33345.5	-6157.4
7717	9.0	235859.0	-6030.6	90	10.4	11413.0	-6144.5	180	10.2	20311.7	-6106.0	270	9.8	33356.0	-6101.8
1	8.[	00115.5	-6120.1	91	10.0	11500.5	-6130.4	181	7.6	20322.9	-6134.9	271	9.8	33407.0	-6154.1
2	9.5	00304.0	-6104.9	92	10.2	11516.0	-6137.9	182	8.9	20350.7	-6130.4	272	9.8	33519.0	-6107.0
3	9.[	00326.7	-6115.6	93	9.0	11550.0	-6158.6	183	10.2	20422.7	-6128.6	273	8.4	33555.5	-6122.3
4	9.[	00331.5	-6151.9	94	8.6	11742.0	-6159.0	184	9.4	20503.7	-6103.8	274	9.4	34038.0	-6142.3
5	9.[	00710.0	-6105.9	95	8.5	11747.0	-6139.3	185	10.0	20531.9	-6143.1	275	7.1	34101.0	-6154.2
6	9.[	00820.2	-6101.4	96	9.2	11812.0	-6131.7	186	10.6	20619.9	-6150.5	276	10.0	34114.5	-6158.2
7	9.[	00933.0	-6101.8	97	9.2	11829.0	-6141.8	187	8.8	20625.2	-6120.9	277	9.0	34232.5	-6129.4
8	9.[	00950.5	-6127.4	98	9.9	11912.0	-6153.6	188	8.4	20633.9	-6141.2	278	9.0	34236.5	-6110.0
9	9.[	01005.5	-6129.4	99	8.9	11917.5	-6116.9	189	9.6	20649.9	-6146.9	279	9.8	34238.5	-6150.8
10	8.[	01107.0	-6157.1	100	9.8	11928.0	-6122.9	190	10.2	20654.7	-6100.0	280	8.8	34521.0	-6133.4
11	7.4	01135.0	-6129.6	101	9.8	11931.0	-6145.9	191	9.0	20700.4	-6143.9	281	9.8	34603.5	-6159.1
12	8.7	01241.0	-6131.5	102	9.8	12023.5	-6104.9	192	10.6	20721.4	-6132.8	282	9.8	34643.5	-6143.2
13	7.6	01345.0	-6136.4	103	10.4	12205.0	-6156.0	193	10.2	20752.9	-6144.4	283	8.6	34701.5	-6121.0
14	9.7	01348.0	-6133.4	104	9.9	12231.0	-6115.9	194	9.6	20801.5	-6131.8	284	7.4	35315.7	-6116.2
15	9.6	01449.5	-6146.8	105	9.9	12235.0	-6135.0	195	9.2	20851.0	-6126.6	285	8.0	35333.8	-6108.9
16	9.7	01530.0	-6147.3	106	10.4	12257.0	-6109.5	196	9.4	21035.0	-6110.4	286	9.5	35337.5	-6155.0
17	9.6	01550.0	-6102.3	107	9.0	12407.0	-6136.1	197	9.6	21409.5	-6133.7	287	9.8	35425.0	-6119.1
18	9.7	01605.0	-6111.0	108	10.2	12412.0	-6134.5	198	9.4	21638.5	-6156.0	288	9.8	35630.0	-6101.6
19	8.3	01611.1	-6159.5	109	8.9	12429.5	-6143.8	199	8.2	21642.5	-6115.3	289	8.6	35640.0	-6139.4
20	9.2	01630.2	-6119.0	110	9.6	12506.0	-6140.0	200	9.6	21715.5	-6116.7	290	6.6	35645.8	-6145.2
21	7.1	01634.2	-6143.7	111	8.4	12508.5	-6152.0	201	9.2	21746.0	-6147.2	291	8.8	35709.0	-6131.2
22	9.5	02002.3	-6113.9	112	9.8	12510.5	-6109.9	202	8.8	21803.0	-6100.1	292	9.8	35919.0	-6152.2
23	9.2	02131.5	-6146.5	113	9.4	12527.0	-6103.4	203	9.6	21807.5	-6156.8	293	6.5	35919.5	-6125.8
24	9.4	02214.8	-6143.0	114	10.4	12623.5	-6136.7	204	9.0	21918.5	-6157.7	294	9.4	40010.0	-6109.1
25	9.0	02300.0	-6128.0	115	7.1	12711.8	-6153.6	205	9.6	22023.5	-6139.1	295	6.8	40025.5	-6142.3
26	9.1	02605.0	-6138.0	116	10.6	12746.7	-6103.5	206	9.2	22229.0	-6148.8	296	8.4	40119.0	-6135.8
27	8.8	02630.0	-6132.0	117	8.4	12940.1	-6152.6	207	9.2	22401.0	-6130.9	297	9.8	40208.0	-6111.2
28	9.2	02642.5	-6121.8	118	9.4	13102.0	-6158.8	208	9.4	22435.0	-6118.9	298	9.8	40254.0	-6110.1
29	7.8	02749.0	-6150.2	119	9.6	13106.1	-6123.5	209	8.2	22500.0	-6151.9	299	8.2	40310.0	-6149.2
30	9.0	0305 .5	-6144.1	120	7.3	13120.1	-6136.2	210	8.5	22553.0	-6128.2	300	9.4	40520.0	-6133.0
31	9.6	0321.0	-6120.2	121	9.6	13137.9	-6112.3	211	9.0	22822.0	-6139.2	301	9.8	40533.0	-6131.8
32	8.8	03436.5	-6145.9	122	9.2	13144.0	-6142.0	212	6.8	23033.0	-6131.9	302	9.8	40610.0	-6154.9
33	9.5	03614.0	-6146.8	123	10.6	13238.9	-6155.4	213	9.4	23116.5	-6154.1	303	9.4	40651.5	-6129.9
34	8.8	03807.5	-6122.1	124	7.6	13329.7	-6108.9	214	8.8	23133.0	-6136.3	304	9.6	40728.0	-6106.8
35	9.4	04000.5	-6103.9	125	7.6	13605.8	-6137.8	215	8.1	23201.5	-6122.9	305	9.5	40746.5	-6145.0
36	9.4	04028.5	-6125.2	126	10.6	13607.0	-6151.8	216	8.6	23523.5	-6155.1	306	9.9	40815.0	-6157.8
37	7.6	04328.5	-6103.2	127	8.9	13608.3	-6100.4	217	8.3	23603.0	-6105.0	307	7.1	40819.0	-6155.2
38	8.8	04341.0	-6143.9	128	10.6	13615.0	-6154.8	218	9.2	23654.5	-6153.0	308	9.2	40844.5	-6105.5
39	9.5	04419.0	-6149.7	129	10.6	13723.6	-6127.2	219	9.0	23738.5	-6116.9	309	8.9	40932.0	-6142.0
40	8.8	04513.0	-6110.2	130	6.6	13731.6	-6125.1	220	9.5	24144.0	-6114.8	310	8.6	41019.5	-6154.8
41	8.8	04514.0	-6102.7	131	9.0	13737.6	-6104.2	221	9.4	24144.5	-6151.8	311	10.0	41042.5	-6159.1
42	9.0	04535.5	-6112.1	132	10.2	13812.6	-6110.2	222	9.4	24159.0	-6100.0	312	9.6	41050.5	-6143.1
43	9.6	04605.0	-6107.3	133	8.4	13855.8	-6159.6	223	9.7	24210.5	-6159.2	313	9.6	41207.5	-6128.7
44	7.8	04743.0	-6145.2	134	10.2	13916.6	-6103.7	224	8.7	24211.0	-6136.9	314	8.7	41212.7	-6157.4
45	9.5	04821.0	-6156.7	135	9.2	13925.6	-6114.8	225	9.2	24308.5	-6125.9	315	9.4	41234.5	-6111.0
46	9.5	04918.5	-6151.1	136	10.6	13947.7	-6109.6	226	9.4	24336.5	-6106.9	316	9.2	41338.0	-6131.1

317	6.0	41428.5	-6115.3	407	8.7	50455.3	-6101.3	497	9.0	53952.0	-6155.0	587	9.8	60603.0	-6158.5
318	9.2	41439.0	-6123.3	408	9.4	50517.3	-6132.9	498	9.7	54013.3	-6156.9	588	10.0	60603.0	-6156.6
319	9.6	41454.5	-6159.9	409	9.6	50519.5	-6129.2	499	9.6	54025.3	-6133.2	589	9.4	60606.0	-6147.1
320	9.4	41505.5	-6134.6	410	9.3	50523.0	-6157.9	500	10.0	54054.0	-6148.0	590	8.8	60626.0	-6140.5
321	9.4	41513.0	-6111.0	411	8.2	50553.1	-6158.0	501	10.0	54109.0	-6145.9	591	10.0	60656.5	-6113.1
322	9.4	41517.0	-6117.2	412	9.6	50641.0	-6142.2	502	9.7	54125.2	-6147.8	592	10.0	60716.0	-6139.9
323	9.9	41519.5	-6129.8	413	9.7	50714.5	-6105.3	503	9.6	54134.2	-6131.0	593	8.5	60734.5	-6118.3
324	9.0	41552.0	-6141.6	414	9.4	50819.5	-6156.0	504	9.8	54204.5	-6157.7	594	10.0	60758.5	-6109.0
325	9.8	41705.5	-6115.1	415	8.8	50839.5	-6145.1	505	10.0	54210.0	-6134.0	595	9.2	60821.0	-6152.1
326	9.2	41734.0	-6133.5	416	9.0	50846.0	-6153.3	506	10.0	54221.0	-6150.9	596	10.0	60845.5	-6131.9
327	9.2	41749.0	-6148.2	417	9.6	50924.5	-6128.8	507	9.4	54231.4	-6102.5	597	7.6	60936.0	-6128.1
328	9.2	41809.5	-6118.1	418	9.8	50939.5	-6149.3	508	10.0	54242.0	-6147.0	598	9.4	60939.5	-6150.6
329	9.9	41854.0	-6101.4	419	9.6	51046.0	-6134.3	509	10.0	54244.0	-6141.7	599	9.5	60941.0	-6159.5
330	8.8	41926.7	-6156.6	420	9.6	51119.5	-6135.1	510	10.0	54244.5	-6117.9	600	10.0	61025.5	-6102.5
331	8.8	41939.0	-6111.2	421	9.4	51135.0	-6150.7	511	10.0	54317.0	-6125.4	601	10.0	61034.5	-6109.4
332	9.8	41951.0	-6136.2	422	9.0	51209.0	-6113.3	512	9.1	54334.0	-6150.1	602	9.6	61039.5	-6131.1
333	10.0	42002.0	-6136.3	423	9.7	51213.0	-6107.3	513	10.0	54340.5	-6142.9	603	10.0	61045.5	-6119.0
334	9.8	42224.0	-6143.7	424	9.7	51257.0	-6112.8	514	9.9	54343.0	-6130.7	604	10.0	61050.0	-6111.9
335	7.6	42321.0	-6131.2	425	9.4	51321.5	-6100.7	515	10.0	54425.0	-6104.3	605	9.8	61105.0	-6134.1
336	8.2	42332.0	-6154.4	426	9.8	51353.5	-6103.0	516	9.8	54436.0	-6136.7	606	10.0	61107.5	-6138.1
337	8.2	42346.0	-6102.3	427	9.3	51358.0	-6107.0	517	8.5	54441.0	-6116.4	607	6.8	61114.5	-6126.2
338	9.8	42405.5	-6134.2	428	9.6	51414.5	-6111.3	518	10.0	54500.0	-6152.0	608	9.8	61119.5	-6143.6
339	8.6	42529.5	-6159.4	429	9.2	51418.5	-6147.6	519	9.0	54500.0	-6112.4	609	9.7	61130.5	-6145.9
340	9.8	42633.5	-6146.9	430	9.6	51427.5	-6100.8	520	9.9	54600.0	-6113.3	610	9.4	61156.5	-6109.5
341	9.1	42657.6	-6128.3	431	9.5	51527.5	-6134.1	521	10.0	54607.0	-6130.1	611	9.8	61205.5	-6110.3
342	10.0	42703.0	-6142.1	432	9.2	51540.5	-6138.8	522	10.0	54610.0	-6144.0	612	9.4	61233.5	-6130.0
343	9.6	42748.5	-6149.6	433	9.8	51555.5	-6137.1	523	10.0	54632.5	-6113.8	613	9.2	61244.5	-6126.0
344	9.8	42848.5	-6113.8	434	9.7	51607.5	-6150.4	524	10.0	54635.0	-6155.1	614	9.7	61408.5	-6153.1
345	9.1	42851.0	-6140.9	435	9.8	51612.5	-6139.9	525	10.0	54644.0	-6124.4	615	8.8	61425.5	-6115.4
346	9.8	42952.6	-6147.8	436	9.8	51639.0	-6139.8	526	10.0	54645.0	-6159.1	616	9.8	61433.0	-6127.5
347	8.8	43014.5	-6138.9	437	9.8	51641.0	-6108.9	527	10.0	54646.0	-6149.9	617	8.9	61441.0	-6133.0
348	9.4	43027.6	-6117.1	438	9.8	51644.0	-6151.2	528	8.3	54648.0	-6114.6	618	10.0	61500.0	-6106.0
349	9.6	43218.6	-6144.9	439	9.0	51644.0	-6137.3	529	10.0	54710.0	-6152.7	619	8.5	61600.0	-6111.8
350	9.8	43243.2	-6109.1	440	9.6	51659.0	-6127.2	530	8.8	54711.5	-6104.4	620	8.8	61602.5	-6135.4
351	9.0	43248.7	-6103.6	441	9.5	51714.5	-6150.8	531	9.6	54743.5	-6110.2	621	9.3	61709.7	-6122.2
352	8.9	43257.7	-6157.7	442	9.4	51743.0	-6111.9	532	10.0	54743.5	-6110.7	622	9.4	61710.7	-6154.2
353	9.8	43258.2	-6121.0	443	9.7	51756.0	-6112.7	533	9.5	54907.5	-6113.0	623	9.4	61718.2	-6120.0
354	9.8	43522.2	-6133.0	444	9.6	51825.5	-6143.0	534	8.7	54936.0	-6127.2	624	9.7	61722.5	-6117.9
355	9.5	43658.2	-6135.2	445	8.7	51844.5	-6117.6	535	10.0	54949.0	-6156.9	625	9.2	61733.3	-6153.0
356	9.4	43738.2	-6135.4	446	9.6	51859.0	-6137.3	536	9.5	55048.0	-6117.9	626	10.0	61805.5	-6105.9
357	8.4	43921.2	-6105.1	447	9.4	51935.5	-6107.9	537	9.6	55048.0	-6108.9	627	9.3	61820.7	-6116.0
358	9.8	43954.2	-6148.8	448	9.4	51937.5	-6121.0	538	9.4	55057.0	-6124.8	628	9.2	61824.8	-6141.0
359	7.6	44008.2	-6127.3	449	9.4	52000.5	-6121.7	539	9.6	55058.5	-6123.0	629	8.3	61838.5	-6145.7
360	8.8	44027.7	-6119.5	450	9.7	52051.5	-6107.9	540	10.0	55134.0	-6143.0	630	8.3	61839.5	-6128.6
361	8.7	44048.2	-6151.8	451	9.6	52133.5	-6106.7	541	7.4	55203.5	-6151.7	631	7.9	61840.3	-6116.2
362	9.8	44129.2	-6106.9	452	9.4	52144.0	-6136.0	542	10.0	55205.5	-6102.2	632	9.8	61846.3	-6142.9
363	9.4	44229.2	-6132.3	453	9.8	52151.0	-6144.6	543	8.1	55208.5	-6125.4	633	9.6	61904.7	-6137.9
364	9.5	44349.2	-6147.4	454	8.7	52203.5	-6145.0	544	10.0	55209.5	-6124.7	634	9.2	61906.2	-6132.3
365	8.8	44355.2	-6120.8	455	9.5	52208.0	-6102.3	545	10.0	55214.5	-6110.1	635	10.0	61912.5	-6106.9
366	9.6	44508.2	-6139.1	456	9.3	52252.5	-6125.1	546	9.9	55215.5	-6113.9	636	10.0	61924.7	-6134.0
367	7.3	44549.7	-6141.6	457	9.6	52338.0	-6102.9	547	9.9	55220.5	-6145.4	637	9.3	62035.5	-6132.2
368	9.8	44645.7	-6110.8	458	8.5	52338.0	-6112.8	548	9.6	55225.0	-6154.0	638	8.5	62115.5	-6102.8
369	9.2	44718.7	-6137.1	459	9.4	52359.5	-6106.9	549	10.0	55310.0	-6155.8	639	10.0	62120.0	-6140.8
370	9.8	44906.7	-6110.1	460	9.7	52415.0	-6121.5	550	10.0	55409.5	-6120.0	640	9.6	62223.5	-6138.5
371	9.5	44910.7	-6106.9	461	9.8	52438.5	-6122.7	551	10.0	55419.5	-6122.2	641	10.0	62302.5	-6105.3
372	9.4	44913.2	-6143.7	462	9.2	52458.5	-6147.9	552	8.2	55451.0	-6127.7	642	10.0	62432.0	-6117.9
373	9.8	44936.7	-6140.6	463	9.3	52523.0	-6102.0	553	10.0	55451.0	-6128.5	643	9.6	62442.5	-6132.8
374	9.8	45011.7	-6133.1	464	9.1	52645.5	-6101.6	554	9.7	55452.0	-6136.4	644	9.9	62446.5	-6129.3
375	8.7	45055.2	-6144.6	465	8.8	52656.5	-6121.7	555	10.0	55454.0	-6157.7	645	10.0	62448.5	-6130.9
376	8.7	45127.2	-6135.1	466	9.7	52716.0	-6157.6	556	10.0	55459.5	-6138.7	646	10.0	62618.0	-6100.7
377	8.8	45128.2	-6114.3	467	9.7	52720.5	-6103.8	557	10.0	55551.0	-6108.0	647	9.4	62621.5	-6126.7
378	8.8	45133.4	-6101.9	468	9.7	52725.5	-6141.6	558	10.0	55701.5	-6145.3	648	9.6	62627.0	-6115.2
379	9.2	45208.2	-6103.7	469	9.6	52747.5	-6142.2	559	9.8	55730.0	-6124.1	649	9.4	62635.0	-6110.9
380	9.4	45230.7	-6127.8	470	9.6	52806.5	-6108.7	560	9.8	55734.5	-6142.6	650	9.8	62636.5	-6104.8
381	9.6	45232.7	-6131.2	471	8.5	52808.5	-6155.0	561	8.4	55745.5	-6146.5	651	10.0	62721.0	-6112.9
382	8.8	45234.7	-6155.1	472	9.0	52816.0	-6136.2	562	10.0	55813.5	-6112.5	652	10.0	62721.0	-6138.0
383	9.8	45314.7	-6114.7	473	9.6	52831.5	-6101.1	563	9.0	55851.5	-6149.9	653	10.0	62729.5	-6110.2
384	9.4	45427.2	-6117.3	474	9.8	52838.5	-6158.3	564	8.5	55910.0	-6159.8	654	8.5	62732.5	-6100.6
385	9.2	45449.7	-6148.6	475	9.8	52842.5	-6144.1	565	9.8	55923.5	-6121.4	655	9.6	62758.5	-6101.7
386	9.6	45452.7	-6110.6	476	9.8	52909.5	-6154.7	566	10.0	60025.5	-6116.0	656	9.3	62802.5	-6113.1
387	8.3	45601.7	-6129.0	477	9.5	53005.0	-6132.6	567	9.6	60113.5	-6109.0	657	10.0	62809.0	-6133.3
388	9.2	45622.7	-6107.9	478	8.4	53013.5	-6132.5	568	8.8	60115.5	-6142.3	658	9.5	62818.5	-6109.2
389	9.8	45643.2	-6129.4	479	7.0	53018.0	-6137.8	569	8.8	60137.5	-6111.2	659	9.6	62826.3	-6101.9
390	9.8	45657.7	-6122.3	480	8.7	53040.5	-6103.0	570	9.6	60226.5	-6108.6	660	9.4	62832.5	-6132.1
391	9.6	45700.5	-6136.6	481	9.6	53054.5	-6139.3	571	10.0	60313.0	-6116.0	661	10.0	62833.5	-6127.5
392	9.4	45703.0	-6135.8	482	9.8	53120.5	-6148.8	572	10.0	60343.0	-6153.1	662	9.4	62839.0	-6153.9
393	9.8	45716.0	-6123.6	483	9.4	53121.0	-6109.6	573	8.9	60345.0	-6116.0	663	8.0	62847.0	-6110.5
394	8.5	45725.0	-6117.2	484	9.6	53158.5	-6145.6	574	10.0	60359.5	-6108.7	664	10.0	62854.0	-6120.7
395	9.5	45800.0	-6159.2	485	9.8	53213.0	-6124.0	575	10.0	60417.0	-6137.2	665	8.2	62900.0	-6141.9
396	8.8	45804.5	-6108.3	486	9.8	53219.5	-6150.6	576	10.0	60418.5	-6134.7	666	9.8	62908.5	-6142.5
397	9.2	45855.0	-6151.5	487	9.4	53228.0	-6155.5	577	8.0	60429.5	-6144.0	667	9.0	62915.5	-6151.0
398	9.8	45858.5	-6104.5	488	7.2	53336.5	-6115.2	578	10.0	60438.5	-6116.0	668	8.9	62927.0	-6130.9
399	8.8	45907.5	-6150.8	489	9.7	53426.5	-6109.8	579	9.8	60450.5	-6156.1	669	6.0	62955.0	-6147.2
400	9.2	50003.0	-6134.2	490	9.7	53526.0	-6105.9	580	9.4	60454.5	-6125.1	670	10.0	63000.7	-6140.1
401	9.0	50010.5	-6158.5	491	8.6	53640.5	-6133.8	581	9.8	60459.5	-6159.4	671	10.0	63024.5	-6135.5
402	9.5	50133.0	-6129.1	492	9.6	53648.0	-6126.0	582	10.0	60504.5	-6104.8	672	10.0	63111.5	-6121.7
403	8.6	50152.5	-6135.1	493	7.8	53704.5	-6114.1	583	9.1	60516.3	-6100.6	673	8.0	63131.5	-6143.9
404	9.8	50400.0	-6109.1	494	9.2	53707.5	-6158.0	584	10.0	60535.5	-6113.0	674	9.4	63204.5	-6130.6
405	9.8	50438.5	-6144.3	495	9.5	53909.5	-6147.0	585	10.0	60548.0	-6127.9	675	10.0	63222.0	-6105.9
406	9.2	50453.5	-6145.2	496	9.4	53921.0	-6116.1	586	9.4	60549.5	-6143.0	676	9.6	63227.5	-6144.9

677	9.5	63312.0	-6133.9	767	8.8	70407.0	-6136.7	857	9.7	73646.5	-6107.7	947	7.5	75902.0	-6110.6
678	10.0	63312.0	-6101.9	768	9.4	70409.0	-6130.2	858	9.6	73659.0	-6131.8	948	8.7	75913.0	-6101.2
679	8.0	63313.5	-6123.5	769	9.4	70420.2	-6116.5	859	8.9	73718.5	-6107.8	949	8.3	75923.0	-6131.8
680	10.0	63317.4	-6101.1	770	9.4	70430.0	-6138.1	860	9.1	73732.5	-6147.2	950	9.1	75928.5	-6119.6
681	7.5	63345.5	-6104.3	771	9.4	70448.0	-6137.6	861	9.6	73750.0	-6103.0	951	8.5	75929.5	-6154.5
682	9.8	63420.0	-6113.9	772	9.4	70454.0	-6134.8	862	9.3	73756.0	-6128.3	952	8.5	75937.5	-6104.4
683	10.0	63452.5	-6110.9	773	8.6	70504.0	-6115.5	863	9.6	73759.5	-6144.0	953	9.2	75950.5	-6150.1
684	8.8	63500.0	-6129.2	774	9.4	70543.2	-6142.6	864	9.6	73808.0	-6128.4	954	8.5	80100.0	-6142.2
685	9.4	63554.5	-6126.0	775	9.4	70702.5	-6116.0	865	8.9	73810.0	-6123.9	955	9.7	80108.0	-6150.7
686	10.0	63600.0	-6102.2	776	9.0	70728.0	-6113.9	866	9.7	73826.5	-6119.0	956	7.5	80113.5	-6146.7
687	9.4	63639.0	-6129.8	777	9.4	70732.0	-6101.1	867	9.7	73840.0	-6113.2	957	9.4	80119.5	-6103.4
688	7.0	63640.5	-6125.3	778	8.9	70802.0	-6120.2	868	9.7	73904.0	-6141.1	958	9.2	80120.0	-6133.1
689	9.6	63647.5	-6145.5	779	9.4	70803.0	-6117.3	869	9.4	73906.5	-6152.0	959	9.7	80135.0	-6125.5
690	9.9	63650.5	-6117.1	780	9.4	70805.0	-6108.3	870	8.3	73914.0	-6141.7	960	9.4	80145.0	-6134.1
691	9.5	63721.5	-6122.9	781	8.7	70953.0	-6137.0	871	9.7	73921.0	-6139.9	961	9.0	80201.5	-6126.4
692	10.0	63731.5	-6143.9	782	8.9	71038.0	-6103.5	872	8.8	74013.5	-6115.4	962	9.0	80322.5	-6136.8
693	9.6	63753.5	-6139.0	783	9.0	71049.0	-6150.0	873	9.6	74032.5	-6113.9	963	8.4	80416.0	-6110.5
694	10.1	63815.5	-6115.0	784	8.5	71055.0	-6110.0	874	9.0	74103.0	-6136.0	964	9.7	80441.5	-6156.1
695	9.4	63819.5	-6156.0	785	9.4	71102.0	-6130.5	875	8.0	74128.5	-6136.0	965	8.2	80511.2	-6100.2
696	9.9	63829.5	-6121.6	786	8.5	71127.0	-6123.7	876	9.6	74211.0	-6128.1	966	8.1	80513.5	-6113.8
697	10.0	63925.5	-6150.5	787	8.7	71142.0	-6152.1	877	9.1	74211.5	-6123.4	967	9.5	80515.5	-6102.6
698	9.0	63927.5	-6156.0	788	9.1	71159.0	-6159.7	878	9.7	74234.5	-6116.2	968	9.6	80532.5	-6101.6
699	10.0	63942.0	-6150.3	789	9.0	71210.0	-6137.7	879	9.7	74244.5	-6105.0	969	9.2	80549.5	-6147.5
700	10.0	63952.5	-6130.9	790	9.2	71227.0	-6144.2	880	9.3	74318.5	-6102.0	970	8.8	80559.0	-6111.2
701	10.0	63959.5	-6129.9	791	9.4	71409.0	-6110.1	881	9.6	74337.5	-6124.1	971	9.1	80604.1	-6159.4
702	9.0	64039.5	-6159.5	792	8.9	71410.0	-6126.3	882	9.5	74338.5	-6127.9	972	9.0	80620.0	-6136.1
703	10.0	64042.5	-6138.5	793	9.4	71413.0	-6108.2	883	8.3	74350.0	-6140.6	973	8.7	80621.3	-6113.9
704	8.8	64100.5	-6106.1	794	9.2	71424.0	-6138.4	884	9.3	74400.0	-6154.9	974	9.4	80644.7	-6112.0
705	10.0	64103.5	-6133.9	795	8.8	71445.0	-6134.1	885	9.2	74412.0	-6121.9	975	9.4	80709.5	-6109.1
706	7.4	64110.0	-6137.7	796	9.2	71551.0	-6113.4	886	9.6	74420.5	-6159.8	976	8.8	80710.0	-6112.8
707	9.6	64200.0	-6116.5	797	9.0	71603.5	-6111.8	887	9.6	74429.5	-6126.0	977	9.2	80732.2	-6152.4
708	10.0	64204.0	-6127.0	798	9.2	71619.0	-6132.4	888	8.0	74433.5	-6107.8	978	8.9	80733.0	-6141.4
709	9.5	64215.7	-6158.1	799	9.4	71619.0	-6142.6	889	8.7	74438.5	-6105.4	979	9.4	80750.8	-6137.9
710	9.1	64310.5	-6113.9	800	9.4	71634.0	-6131.9	890	9.4	74448.5	-6137.3	980	9.6	80803.5	-6127.0
711	7.8	64319.0	-6105.5	801	8.8	71644.5	-6119.1	891	8.5	74450.5	-6125.1	981	8.8	80817.3	-6128.3
712	10.0	64351.5	-6114.9	802	9.3	71649.0	-6126.4	892	8.1	74509.5	-6103.2	982	9.2	80844.9	-6157.7
713	10.0	64446.5	-6119.3	803	9.4	71653.0	-6146.0	893	9.6	74556.0	-6145.1	983	9.3	80918.5	-6103.4
714	10.0	64501.5	-6143.3	804	8.6	71709.0	-6159.4	894	9.0	74624.5	-6107.8	984	8.9	81038.0	-6128.1
715	10.0	64513.5	-6102.8	805	9.4	71731.0	-6156.0	895	9.6	74647.0	-6102.9	985	9.6	81116.5	-6148.0
716	8.1	64551.5	-6140.2	806	8.8	71750.5	-6126.4	896	9.7	74703.5	-6154.1	986	8.1	81159.5	-6103.8
717	9.5	64556.0	-6104.5	807	9.4	71809.0	-6122.4	897	9.5	74708.5	-6102.0	987	9.2	81204.0	-6109.2
718	10.0	64635.0	-6152.0	808	9.2	71815.5	-6108.1	898	9.1	74738.5	-6131.0	988	9.3	81206.5	-6102.0
719	10.0	64645.5	-6134.2	809	8.9	71836.0	-6142.7	899	9.5	74744.5	-6146.0	989	9.6	81214.0	-6115.4
720	4.1	64653.0	-6148.4	810	9.4	71848.0	-6125.1	900	9.3	74909.0	-6111.3	990	8.9	81219.5	-6116.6
721	10.0	64710.7	-6100.9	811	9.2	71914.5	-6151.3	901	9.4	74927.0	-6112.9	991	9.4	81239.0	-6124.7
722	10.0	64719.0	-6152.8	812	9.4	71936.0	-6143.4	902	9.4	74941.0	-6127.0	992	9.2	81243.5	-6153.8
723	9.2	64734.5	-6109.5	813	7.9	71958.0	-6145.2	903	9.7	74950.0	-6131.7	993	9.5	81253.0	-6118.0
724	10.0	64821.0	-6111.9	814	7.3	72009.5	-6142.7	904	9.2	75006.0	-6129.4	994	9.5	81303.5	-6141.7
725	9.4	64840.5	-6111.9	815	9.3	72125.0	-6145.8	905	9.1	75029.0	-6123.3	995	9.2	81323.5	-6128.0
726	9.6	64845.5	-6150.0	816	9.3	72143.0	-6148.2	906	9.4	75113.0	-6133.9	996	9.6	81333.0	-6145.1
727	9.2	64849.5	-6129.9	817	9.4	72206.5	-6144.6	907	9.6	75115.5	-6122.0	997	9.2	81339.0	-6147.5
728	10.0	65022.5	-6146.8	818	9.4	72259.5	-6133.3	908	8.6	75116.5	-6119.5	998	9.6	81340.0	-6115.0
729	10.0	65036.5	-6155.1	819	9.4	72310.0	-6112.2	909	8.6	75134.5	-6159.3	999	9.5	81400.5	-6148.2
730	9.5	65107.5	-6135.5	820	9.3	72431.0	-6159.1	910	9.3	75138.0	-6143.2	1000	8.7	81405.5	-6158.9
731	8.1	65149.5	-6129.5	821	9.1	72509.0	-6158.4	911	8.2	75149.0	-6138.6	1001	9.6	81421.5	-6100.1
732	10.0	65205.5	-6148.4	822	9.4	72511.5	-6154.4	912	9.6	75212.0	-6108.3	1002	9.4	81505.5	-6116.0
733	10.0	65208.8	-6104.4	823	9.4	72522.5	-6103.5	913	8.8	75219.5	-6142.1	1003	9.2	81533.5	-6104.5
734	10.0	65212.2	-6131.5	824	9.4	72538.0	-6105.7	914	9.4	75224.0	-6138.1	1004	9.2	81615.5	-6145.0
735	9.5	65243.7	-6130.0	825	9.4	72610.0	-6135.3	915	9.7	75226.5	-6129.0	1005	8.8	81619.5	-6127.0
736	10.0	65245.0	-6153.1	826	8.8	72643.5	-6129.6	916	8.5	75237.0	-6114.8	1006	9.6	81655.5	-6107.6
737	8.4	65324.0	-6159.0	827	9.1	72709.0	-6120.5	917	9.6	75237.5	-6153.1	1007	8.8	81700.5	-6118.3
738	10.0	65416.8	-6115.9	828	9.4	72710.0	-6113.3	918	8.5	75238.5	-6132.2	1008	9.6	81708.5	-6121.9
739	8.9	65420.5	-6127.2	829	9.4	72720.0	-6105.2	919	9.6	75244.0	-6154.5	1009	9.4	81815.5	-6154.0
740	9.4	65423.5	-6136.5	830	9.2	72721.5	-6147.3	920	9.7	75247.5	-6116.4	1010	9.6	81832.0	-6158.8
741	8.8	65444.0	-6133.8	831	9.4	72810.8	-6117.2	921	9.7	75318.8	-6103.1	1011	7.6	81849.5	-6159.7
742	9.0	65459.7	-6130.2	832	9.4	72840.8	-6114.1	922	9.7	75320.0	-6104.0	1012	9.5	81852.5	-6152.6
743	9.4	65535.5	-6140.0	833	9.7	72842.5	-6108.2	923	9.2	75322.0	-6122.8	1013	9.0	81859.5	-6102.9
744	9.4	65539.7	-6120.6	834	8.6	72848.3	-6109.0	924	9.7	75325.0	-6107.4	1014	9.5	81938.0	-6157.9
745	9.4	65551.0	-6106.5	835	8.8	72934.3	-6156.6	925	9.7	75331.5	-6119.1	1015	9.5	82020.5	-6104.2
746	9.4	65605.5	-6113.2	836	9.6	72951.0	-6123.5	926	9.7	75337.5	-6116.1	1016	8.7	82029.0	-6109.3
747	9.3	65611.0	-6142.0	837	9.6	72955.0	-6150.3	927	9.7	75343.0	-6122.9	1017	9.6	82108.0	-6126.6
748	9.2	65616.0	-6121.8	838	8.6	73010.5	-6125.3	928	9.2	75345.5	-6101.2	1018	9.6	82121.2	-6157.8
749	8.7	65629.5	-6121.0	839	9.5	73017.2	-6121.9	929	9.6	75359.5	-6148.0	1019	9.6	82129.0	-6109.0
750	9.4	65721.5	-6152.6	840	9.6	73022.5	-6105.3	930	9.6	75409.5	-6155.2	1020	9.6	82148.0	-6152.0
751	9.0	65758.0	-6159.0	841	9.6	73112.5	-6156.8	931	9.1	75427.5	-6134.4	1021	9.5	82211.0	-6105.4
752	9.4	65808.0	-6113.0	842	9.5	73126.5	-6144.2	932	9.7	75439.8	-6136.8	1022	9.3	82303.5	-6145.7
753	9.4	65825.0	-6103.3	843	9.7	73206.0	-6101.0	933	9.7	75447.0	-6149.1	1023	9.5	82442.0	-6102.1
754	7.9	65832.0	-6110.0	844	9.6	73206.5	-6110.1	934	9.2	75508.5	-6138.8	1024	9.4	82503.5	-6140.2
755	8.7	65850.0	-6136.2	845	8.8	73209.3	-6138.0	935	9.5	75558.5	-6101.6	1025	9.6	82520.0	-6153.1
756	8.8	65921.0	-6122.2	846	9.2	73212.8	-6142.6	936	8.4	75604.5	-6143.5	1026	9.6	82538.0	-6121.2
757	8.9	65929.0	-6140.6	847	9.5	73240.5	-6122.9	937	9.7	75608.8	-6148.0	1027	9.4	82548.0	-6155.1
758	9.4	65933.5	-6147.1	848	9.2	73309.8	-6154.0	938	9.6	75614.5	-6105.8	1028	9.5	82550.0	-6108.9
759	9.4	70004.5	-6100.1	849	9.3	73332.5	-6118.1	939	9.5	75626.5	-6104.6	1029	9.5	82623.0	-6131.8
760	9.4	70011.5	-6148.1	850	9.7	73359.5	-6124.3	940	9.2	75627.5	-6144.1	1030	8.8	82651.5	-6127.2
761	9.4	70205.5	-6104.7	851	8.0	73445.0	-6135.5	941	7.6	75706.0	-6114.5	1031	9.2	82732.0	-6141.2
762	9.1	70218.0	-6107.2	852	9.7	73445.5	-6117.9	942	9.2	75747.5	-6105.1	1032	9.2	82733.0	-6122.8
763	8.9	70313.0	-6139.1	853	9.4	73551.0	-6136.2	943	8.7	75758.5	-6107.3	1033	9.6	82747.2	-6159.0
764	9.2	70320.0	-6119.0	854	9.3	73607.5	-6125.4	944	9.5	75822.0	-6135.2	1034	9.2	82749.0	-6138.8
765	8.6	70335.0	-6102.1	855	9.4	73633.0	-6103.2	945	9.3	75849.0	-6153.2	1035	9.6	82852.0	-6123.3
766	8.4	70357.5	-6112.6	856	9.0	73641.5	-6158.1	946	8.3	75856.5	-6114.5	1036	9.6	82859.5	-6114.1

-61 1037 8h29m

-61 1396 9h56m

1037	7.4	82924.5	-6154.9	1127	9.6	85423.5	-6124.8	1217	9.7	91212.5	-6123.9	1307	8.2	93403.0	-6104.7
1038	9.3	83024.5	-6134.0	1128	8.0	85429.0	-6104.8	1218	10.0	91219.0	-6100.0	1308	7.3	93509.0	-6159.5
1039	9.6	83028.0	-6115.3	1129	9.9	85429.0	-6107.4	1219	8.7	91224.0	-6105.0	1309	9.6	93513.0	-6112.3
1040	9.4	83049.0	-6123.0	1130	10.0	85431.0	-6129.0	1220	10.0	91229.5	-6114.9	1310	9.6	93522.0	-6129.0
1041	9.5	83101.0	-6119.4	1131	9.6	85433.5	-6159.9	1221	10.0	91250.5	-6101.1	1311	9.8	93530.0	-6144.8
1042	9.5	83117.0	-6142.8	1132	10.0	85437.0	-6128.4	1222	9.4	91317.0	-6129.9	1312	9.8	93540.0	-6103.4
1043	9.2	83152.0	-6150.8	1133	9.7	85444.5	-6159.1	1223	10.0	91330.0	-6134.7	1313	7.4	93551.5	-6159.3
1044	9.2	83155.0	-6102.1	1134	9.6	85453.0	-6105.4	1224	8.2	91400.0	-6154.9	1314	9.8	93615.0	-6110.6
1045	8.0	83203.0	-6103.5	1135	10.0	85453.7	-6158.7	1225	8.6	91404.0	-6147.9	1315	9.8	93623.5	-6114.4
1046	9.2	83219.0	-6138.7	1136	10.0	85454.5	-6155.8	1226	8.8	91411.0	-6154.9	1316	9.8	93628.5	-6116.0
1047	9.5	83252.5	-6111.5	1137	10.0	85521.0	-6100.6	1227	10.0	91426.0	-6136.5	1317	9.7	93629.0	-6121.8
1048	9.6	83343.5	-6155.1	1138	9.6	85532.0	-6131.0	1228	10.0	91446.0	-6146.9	1318	9.8	93637.0	-6152.0
1049	9.6	83355.0	-6105.3	1139	8.9	85549.0	-6146.2	1229	8.4	91458.0	-6117.9	1319	8.9	93642.0	-6148.2
1050	8.0	83409.5	-6131.5	1140	9.8	85549.5	-6153.1	1230	9.1	91503.5	-6141.5	1320	8.7	93707.0	-6156.8
1051	9.4	83413.0	-6150.1	1141	10.0	85609.5	-6139.8	1231	9.0	91506.5	-6109.1	1321	9.1	93714.5	-6115.9
1052	9.4	83501.0	-6128.1	1142	8.7	85623.5	-6144.6	1232	9.6	91510.0	-6156.8	1322	9.6	93748.2	-6128.5
1053	9.4	83608.0	-6129.2	1143	10.0	85624.0	-6112.2	1233	9.8	91514.0	-6105.9	1323	9.9	93749.0	-6158.1
1054	9.6	83654.0	-6120.1	1144	10.0	85628.5	-6158.1	1234	9.3	91519.0	-6103.1	1324	9.8	93758.0	-6158.8
1055	9.4	83729.0	-6142.1	1145	10.0	85632.5	-6135.0	1235	9.0	91543.5	-6123.7	1325	9.2	93839.0	-6115.9
1056	9.5	83736.8	-6102.0	1146	8.6	85633.5	-6122.8	1236	9.6	91600.7	-6123.5	1326	9.8	93853.0	-6125.1
1057	9.6	83802.5	-6124.0	1147	10.0	85647.5	-6112.4	1237	9.6	91610.0	-6158.8	1327	9.6	93910.5	-6150.3
1058	9.6	83810.0	-6113.9	1148	10.0	85718.0	-6117.5	1238	8.5	91622.5	-6112.7	1328	9.8	93923.5	-6159.4
1059	8.2	83818.0	-6115.1	1149	9.6	85719.0	-6138.9	1239	10.0	91626.0	-6102.0	1329	9.8	93943.0	-6124.7
1060	9.2	83843.0	-6116.2	1150	10.0	85720.0	-6153.2	1240	9.5	91626.5	-6108.6	1330	9.4	93952.0	-6103.1
1061	9.6	83859.0	-6113.1	1151	10.0	85742.0	-6152.7	1241	7.6	91729.0	-6127.7	1331	9.2	94049.0	-6151.9
1062	9.4	83920.0	-6146.2	1152	9.6	85744.5	-6105.3	1242	6.8	91756.2	-6152.3	1332	9.8	94145.5	-6113.7
1063	9.2	83939.0	-6132.7	1153	10.0	85751.0	-6131.7	1243	9.5	91756.5	-6109.5	1333	5.8	94148.5	-6156.0
1064	9.6	84007.5	-6113.2	1154	9.5	85752.0	-6153.9	1244	8.7	91809.5	-6125.1	1334	9.3	94159.0	-6138.0
1065	9.6	84039.5	-6155.6	1155	9.9	85755.0	-6133.3	1245	9.9	91815.0	-6117.5	1335	9.8	94228.0	-6111.2
1066	9.4	84048.5	-6153.2	1156	10.0	85808.0	-6151.1	1246	9.0	91817.2	-6130.2	1336	9.1	94245.5	-6123.1
1067	6.9	84058.0	-6114.0	1157	10.0	85817.0	-6110.7	1247	9.6	91827.0	-6106.9	1337	9.8	94325.5	-6102.7
1068	9.5	84100.0	-6150.9	1158	9.0	85831.5	-6136.3	1248	9.5	91829.5	-6146.7	1338	9.8	94327.0	-6157.7
1069	9.9	84115.5	-6120.9	1159	10.0	85849.5	-6130.7	1249	8.8	91830.7	-6113.0	1339	9.8	94332.0	-6145.5
1070	9.3	84126.5	-6118.9	1160	10.0	85932.5	-6102.7	1250	9.8	91833.7	-6141.4	1340	9.7	94403.0	-6109.1
1071	9.5	84137.0	-6139.8	1161	9.6	85953.5	-6100.4	1251	9.9	91838.7	-6137.9	1341	9.8	94423.0	-6134.7
1072	10.0	84138.5	-6117.0	1162	10.0	90009.5	-6103.9	1252	9.2	91839.7	-6131.0	1342	9.2	94433.0	-6139.1
1073	9.6	84139.0	-6153.6	1163	10.0	90021.0	-6108.7	1253	9.7	91840.0	-6132.3	1343	9.7	94440.0	-6155.0
1074	10.0	84139.5	-6105.1	1164	9.8	90021.8	-6151.4	1254	9.8	91841.5	-6138.4	1344	9.8	94444.5	-6141.6
1075	10.0	84144.0	-6158.5	1165	9.8	90024.0	-6144.0	1255	9.8	91841.5	-6129.8	1345	9.8	94455.5	-6139.1
1076	8.8	84153.0	-6138.8	1166	9.8	90028.5	-6127.2	1256	8.6	91909.2	-6116.2	1346	9.5	94505.5	-6135.0
1077	10.0	84223.5	-6117.9	1167	8.1	90029.8	-6151.4	1257	9.6	91915.0	-6142.4	1347	8.1	94617.0	-6140.1
1078	9.3	84231.5	-6135.8	1168	10.0	90030.0	-6146.9	1258	9.7	91921.0	-6130.6	1348	9.8	94658.0	-6102.3
1079	9.6	84257.0	-6127.8	1169	9.3	90126.0	-6123.7	1259	9.6	91928.8	-6149.0	1349	9.8	94659.0	-6108.5
1080	9.8	84301.0	-6154.8	1170	9.5	90129.5	-6137.1	1260	9.8	91935.8	-6142.6	1350	9.8	94730.5	-6156.3
1081	10.0	84458.0	-6135.7	1171	9.6	90141.5	-6146.1	1261	9.8	91951.5	-6138.0	1351	9.7	94739.5	-6109.7
1082	9.8	84504.5	-6121.6	1172	8.3	90229.5	-6119.6	1262	9.2	91955.3	-6142.6	1352	8.4	94813.0	-6127.3
1083	9.9	84507.0	-6100.8	1173	10.0	90243.0	-6110.9	1263	9.8	92040.0	-6153.8	1353	8.4	94839.0	-6150.1
1084	9.3	84510.5	-6154.9	1174	8.0	90252.0	-6136.1	1264	9.8	92046.5	-6119.4	1354	9.8	94855.5	-6125.3
1085	10.0	84519.5	-6135.8	1175	9.9	90252.5	-6134.1	1265	7.5	92055.0	-6106.6	1355	9.8	94912.0	-6107.1
1086	9.6	84523.5	-6135.4	1176	9.6	90304.0	-6136.8	1266	8.7	92125.0	-6118.2	1356	8.2	94927.5	-6144.8
1087	9.6	84523.5	-6114.9	1177	9.8	90305.5	-6151.9	1267	9.1	92128.5	-6155.1	1357	9.7	94955.0	-6158.2
1088	10.0	84525.5	-6152.8	1178	9.9	90352.5	-6158.7	1268	9.3	92129.5	-6149.2	1358	9.8	95008.0	-6150.2
1089	10.0	84603.5	-6103.6	1179	10.0	90354.0	-6134.6	1269	9.4	92145.5	-6137.0	1359	7.8	95019.0	-6131.7
1090	9.6	84619.0	-6111.8	1180	10.0	90409.5	-6138.9	1270	9.4	92148.5	-6137.8	1360	9.8	95045.0	-6128.3
1091	9.6	84703.0	-6129.8	1181	9.6	90413.5	-6140.7	1271	6.7	92220.0	-6124.6	1361	9.8	95113.0	-6156.1
1092	8.4	84704.0	-6108.6	1182	8.8	90415.0	-6115.7	1272	9.7	92255.5	-6136.5	1362	9.5	95138.5	-6159.1
1093	9.4	84709.5	-6101.4	1183	10.0	90418.2	-6102.6	1273	9.4	92354.5	-6157.1	1363	9.8	95150.5	-6129.5
1094	9.9	84800.0	-6123.8	1184	10.0	90419.0	-6120.5	1274	9.4	92411.5	-6138.1	1364	9.1	95152.0	-6112.1
1095	10.0	84817.0	-6145.8	1185	9.3	90515.0	-6158.7	1275	9.6	92509.0	-6105.6	1365	9.8	95154.0	-6107.1
1096	9.9	84825.0	-6149.8	1186	9.6	90518.0	-6105.7	1276	9.6	92524.5	-6145.1	1366	9.8	95212.5	-6121.1
1097	10.0	84833.5	-6110.7	1187	9.8	90521.0	-6120.7	1277	7.7	92538.5	-6143.5	1367	9.8	95238.2	-6110.2
1098	9.3	84838.5	-6149.8	1188	10.0	90605.5	-6107.6	1278	7.2	92623.5	-6148.8	1368	9.8	95303.0	-6154.1
1099	10.0	84855.5	-6108.0	1189	9.8	90608.8	-6104.2	1279	9.7	92624.0	-6154.0	1369	9.2	95319.0	-6107.1
1100	9.8	84921.0	-6110.0	1190	10.0	90614.0	-6110.1	1280	8.8	92639.0	-6101.6	1370	9.8	95322.8	-6143.7
1101	9.8	84959.0	-6118.8	1191	8.5	90615.5	-6125.7	1281	9.3	92644.0	-6119.0	1371	10.0	95330.0	-6114.0
1102	9.9	84959.5	-6150.2	1192	9.9	90615.8	-6116.9	1282	8.9	92648.5	-6108.0	1372	9.7	95333.0	-6139.3
1103	9.8	85013.5	-6141.2	1193	9.3	90625.5	-6120.7	1283	9.8	92658.5	-6107.6	1373	9.9	95338.5	-6148.0
1104	9.4	85021.5	-6157.8	1194	9.9	90639.5	-6119.1	1284	9.0	92709.0	-6114.7	1374	9.8	95339.5	-6142.8
1105	9.2	85028.0	-6112.4	1195	9.3	90649.0	-6119.3	1285	9.3	92727.5	-6149.0	1375	9.7	95340.5	-6110.2
1106	9.2	85036.5	-6158.2	1196	10.0	90653.0	-6159.9	1286	9.8	92729.5	-6137.0	1376	9.7	95349.0	-6143.0
1107	9.6	85039.0	-6153.4	1197	8.8	90700.5	-6146.5	1287	8.9	92745.5	-6124.5	1377	9.6	95353.0	-6110.3
1108	9.5	85057.5	-6113.6	1198	9.8	90734.0	-6113.9	1288	9.8	92812.5	-6126.1	1378	10.0	95354.5	-6110.2
1109	10.0	85138.5	-6100.5	1199	10.0	90739.0	-6148.5	1289	9.8	92829.5	-6113.6	1379	7.8	95404.3	-6120.1
1110	9.9	85143.0	-6154.7	1200	10.0	90800.8	-6144.0	1290	9.8	92839.0	-6104.1	1380	8.8	95408.2	-6105.0
1111	10.0	85156.0	-6101.8	1201	4.5	90825.5	-6148.2	1291	9.8	92858.5	-6156.1	1381	8.1	95426.8	-6159.3
1112	9.9	85204.5	-6110.5	1202	10.0	90840.5	-6159.0	1292	9.4	92859.5	-6159.1	1382	10.0	95432.0	-6112.4
1113	9.8	85206.5	-6142.6	1203	10.0	90845.0	-6149.9	1293	9.0	93006.0	-6125.4	1383	9.2	95438.5	-6157.9
1114	9.4	85218.5	-6134.6	1204	10.0	90900.5	-6154.5	1294	9.7	93013.5	-6142.6	1384	8.2	95513.5	-6142.1
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1119	9.6	85312.5	-6151.8	1209	10.0	91025.0	-6150.9	1299	9.8	93148.0	-6132.9	1389	10.0	95603.0	-6110.0
1120	9.9	85323.5	-6134.8	1210	9.6	91028.0	-6154.9	1300	9.8	93206.0	-6151.2	1390	9.2	95603.0	-6100.2
1121	9.3	85330.5	-6144.2	1211	8.6	91039.5	-6109.9	1301	9.6	93209.5	-6130.6	1391	10.0	95610.0	-6147.6
1122	10.0	85331.5	-6135.1	1212	8.6	91115.0	-6135.7	1302	8.9	93212.0	-6111.4	1392	9.9	95612.5	-6158.0
1123	9.6	85334.5	-6104.4	1213	9.6	91128.5	-6151.9	1303	9.4	93212.5	-6154.0	1393	9.9	95613.5	-6115.3
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1403	9.9	95703.0	-6151.2
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1405	10.0	95723.5	-6114.8
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1407	10.0	95733.0	-6117.6
1408	9.3	95743.0	-6126.5
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1423	8.8	95847.0	-6147.1
1424	9.4	95849.5	-6128.4
1425	9.5	95850.5	-6121.0
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1427	9.5	95852.0	-6147.0
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1429	9.6	95855.0	-6117.9
1430	10.0	95900.0	-6115.9
1431	8.5	95900.0	-6133.1
1432	10.0	95900.5	-6136.3
1433	10.0	95906.0	-6110.7
1434	10.0	95912.0	-6155.8
1435	8.6	95913.5	-6125.0
1436	10.0	95924.0	-6159.2
1437	10.0	95927.0	-6125.0
1438	9.8	95929.5	-6115.0
1439	9.5	95934.0	-6131.0
1440	8.6	95939.0	-6119.4
1441	6.8	95943.0	-6116.6
1442	10.0	95949.5	-6148.1
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1445	10.0	100009.5	-6157.9
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1447	8.6	100012.5	-6137.8
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1451	9.8	100041.0	-6123.4
1452	9.8	100045.5	-6123.6
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1454	9.8	100050.0	-6114.1
1455	9.1	100050.5	-6104.3
1456	9.8	100054.5	-6108.8
1457	10.0	100056.5	-6124.3
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1499	10.0	100719.0	-6112.7
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1736	8.9	103139.0	-6102.0
1737	9.4	103139.5	-6115.7
1738	9.0	103147.0	-6134.1
1739	9.3	103149.0	-6115.6
1740	9.8	103154.0	-6117.0
1741	9.8	103219.5	-6130.1
1742	9.4	103221.0	-6123.1
1743	9.7	103221.5	-6123.0
1744	9.0	103225.0	-6111.4
1745	9.8	103225.5	-6127.0
1746	9.9	103232.5	-6138.6
1747	9.8	103232.5	-6139.2
1748	9.8	103239.0	-6113.9
1749	8.8	103253.5	-6100.7
1750	8.6	103255.5	-6128.8
1751	9.9	103259.5	-6130.0
1752	9.8	103301.5	-6110.1
1753	9.6	103314.0	-6103.1
1754	9.4	103331.0	-6106.0
1755	9.3	103334.5	-6133.7
1756	9.8	103336.0	-6109.1

-61 1757 10h33m

-61 2116 11h07m

1757	9.9	103346.0	-6145.1	1847	9.2	103953.5	-6157.0	1937	9.9	104803.5	-6129.0
1758	9.8	103347.0	-6126.5	1848	9.7	103955.0	-6114.3	1938	9.9	104810.5	-6138.2
1759	9.8	103349.5	-6108.0	1849	9.4	104003.0	-6157.3	1939	9.9	104815.0	-6145.6
1760	9.4	103349.5	-6108.7	1850	9.8	104009.5	-6144.5	1940	9.6	104816.5	-6121.0
1761	9.3	103352.5	-6138.1	1851	9.0	104015.0	-6109.2	1941	9.8	104818.5	-6120.1
1762	9.9	103354.0	-6142.1	1852	9.4	104032.5	-6118.9	1942	9.9	104820.0	-6109.0
1763	9.8	103409.5	-6100.1	1853	9.8	104033.5	-6100.0	1943	9.9	104823.0	-6139.6
1764	9.2	103413.5	-6154.4	1854	9.8	104039.5	-6114.2	1944	9.0	104829.5	-6126.8
1765	9.7	103422.0	-6137.5	1855	9.4	104053.5	-6144.2	1945	9.8	104833.0	-6119.4
1766	8.8	103422.5	-6138.3	1856	9.4	104102.5	-6101.5	1946	9.8	104834.0	-6120.5
1767	9.8	103423.5	-6116.0	1857	9.0	104110.0	-6149.6	1947	9.8	104834.0	-6101.8
1768	9.8	103424.0	-6118.8	1858	9.4	104111.5	-6146.5	1948	9.7	104838.5	-6112.5
1769	8.8	103431.5	-6108.4	1859	9.9	104113.5	-6136.0	1949	9.9	104838.5	-6126.8
1770	9.5	103434.0	-6130.0	1860	9.8	104115.5	-6132.6	1950	9.8	104843.5	-6103.2
1771	9.4	103437.0	-6107.5	1861	9.9	104116.0	-6121.6	1951	7.9	104848.3	-6100.2
1772	8.7	103455.0	-6137.4	1862	9.7	104120.0	-6147.2	1952	9.9	104849.5	-6116.0
1773	9.9	103459.0	-6150.1	1863	9.8	104120.5	-6126.4	1953	9.9	104853.0	-6116.9
1774	9.6	103502.0	-6151.7	1864	9.3	104121.0	-6128.5	1954	9.9	104854.0	-6132.1
1775	9.9	103505.5	-6152.8	1865	7.3	104129.5	-6117.0	1955	8.9	104914.0	-6122.5
1776	9.9	103514.0	-6108.6	1866	9.9	104130.0	-6137.1	1956	9.5	104915.5	-6123.8
1777	9.7	103519.5	-6108.8	1867	9.4	104130.5	-6103.8	1957	9.2	104921.5	-6116.3
1778	9.7	103519.5	-6132.0	1868	9.4	104133.5	-6122.4	1958	9.7	104923.5	-6103.5
1779	9.7	103523.0	-6154.1	1869	9.9	104139.0	-6133.0	1959	9.8	104925.0	-6110.5
1780	9.2	103533.0	-6107.2	1870	9.8	104139.5	-6106.5	1960	8.1	104935.5	-6109.6
1781	9.6	103533.5	-6124.2	1871	9.9	104158.5	-6115.1	1961	9.7	104943.5	-6106.0
1782	9.7	103536.0	-6117.5	1872	9.3	104201.0	-6144.2	1962	8.9	104957.0	-6100.2
1783	9.8	103543.0	-6134.4	1873	9.8	104223.0	-6110.9	1963	9.3	104959.5	-6115.2
1784	9.8	103549.0	-6114.7	1874	9.9	104228.0	-6157.2	1964	9.9	105004.0	-6145.0
1785	9.8	103559.5	-6111.5	1875	9.4	104232.0	-6130.1	1965	9.8	105010.5	-6103.2
1786	9.6	103603.5	-6115.9	1876	9.8	104252.8	-6142.2	1966	9.9	105037.5	-6108.1
1787	9.5	103609.5	-6126.8	1877	9.2	104234.0	-6127.1	1967	9.8	105038.0	-6100.5
1788	9.8	103619.0	-6145.8	1878	9.8	104234.0	-6103.2	1968	9.2	105107.0	-6102.2
1789	9.8	103626.0	-6113.0	1879	9.8	104235.0	-6140.2	1969	8.3	105117.5	-6102.5
1790	9.2	103629.5	-6144.8	1880	9.7	104243.0	-6124.2	1970	9.9	105117.5	-6138.2
1791	9.7	103632.5	-6102.3	1881	9.8	104254.0	-6143.1	1971	9.8	105119.0	-6119.3
1792	9.5	103632.5	-6136.2	1882	9.7	104256.0	-6109.6	1972	8.7	105119.0	-6107.4
1793	9.6	103639.5	-6120.9	1883	9.7	104306.8	-6100.8	1973	9.4	105121.0	-6113.3
1794	9.9	103640.5	-6118.9	1884	9.4	104314.0	-6114.1	1974	9.9	105125.5	-6134.3
1795	9.8	103640.5	-6105.6	1885	8.8	104315.0	-6120.2	1975	7.3	105138.5	-6102.6
1796	9.8	103642.5	-6102.7	1886	9.8	104318.8	-6114.1	1976	9.8	105141.5	-6150.0
1797	9.4	103643.5	-6103.7	1887	9.8	104320.0	-6101.1	1977	9.8	105141.7	-6158.2
1798	9.8	103643.5	-6113.1	1888	8.4	104321.0	-6122.1	1978	9.4	105148.0	-6153.0
1799	9.7	103645.5	-6101.1	1889	9.8	104329.0	-6109.2	1979	9.9	105149.5	-6118.3
1800	9.8	103649.5	-6103.4	1890	8.3	104340.0	-6154.3	1980	9.2	105149.5	-6106.6
1801	9.8	103654.0	-6154.0	1891	9.8	104340.5	-6126.6	1981	9.4	105150.0	-6145.2
1802	9.9	103657.5	-6121.1	1892	9.9	104341.5	-6117.9	1982	9.2	105204.0	-6102.4
1803	9.0	103659.5	-6105.9	1893	9.0	104342.0	-6103.1	1983	9.8	105205.0	-6121.5
1804	9.6	103700.5	-6101.6	1894	9.0	104346.5	-6104.1	1984	9.4	105212.5	-6115.4
1805	9.9	103705.0	-6104.3	1895	9.8	104349.8	-6126.5	1985	9.8	105219.0	-6103.4
1806	9.8	103710.0	-6110.2	1896	9.6	104412.5	-6120.1	1986	9.9	105225.5	-6127.1
1807	9.9	103716.0	-6153.0	1897	9.6	104414.0	-6108.3	1987	9.8	105229.5	-6139.2
1808	9.9	103718.5	-6124.8	1898	8.7	104432.5	-6110.3	1988	9.9	105230.5	-6120.6
1809	9.8	103722.0	-6105.5	1899	9.8	104438.0	-6130.4	1989	9.9	105231.0	-6125.3
1810	9.8	103735.0	-6117.6	1900	9.9	104440.5	-6144.3	1990	9.1	105234.0	-6149.9
1811	9.1	103735.0	-6143.5	1901	9.7	104442.8	-6133.2	1991	9.1	105236.0	-6137.9
1812	8.8	103736.0	-6114.7	1902	9.9	104444.5	-6143.2	1992	9.0	105240.0	-6124.8
1813	9.2	103738.0	-6134.9	1903	9.6	104447.0	-6142.9	1993	9.9	105240.5	-6146.9
1814	9.6	103740.0	-6106.1	1904	8.5	104452.0	-6122.8	1994	9.2	105242.5	-6130.3
1815	9.6	103743.5	-6114.4	1905	8.4	104519.5	-6108.6	1995	9.8	105244.0	-6106.3
1816	9.5	103752.0	-6132.2	1906	9.8	104523.5	-6116.1	1996	9.0	105250.0	-6105.0
1817	9.1	103754.0	-6132.7	1907	9.0	104526.0	-6134.4	1997	9.4	105255.5	-6138.1
1818	9.9	103756.0	-6158.1	1908	7.5	104528.0	-6158.5	1998	9.3	105258.0	-6137.4
1819	9.5	103804.0	-6142.4	1909	8.8	104538.5	-6132.8	1999	9.0	105259.0	-6151.3
1820	9.5	103804.5	-6145.8	1910	9.2	104548.5	-6134.5	2000	9.4	105314.5	-6129.4
1821	9.4	103810.0	-6115.4	1911	9.8	104552.5	-6132.3	2001	8.8	105326.5	-6112.2
1822	9.8	103810.5	-6125.7	1912	9.8	104554.0	-6155.5	2002	9.8	105329.5	-6143.9
1823	9.2	103817.0	-6144.1	1913	9.4	104555.5	-6105.7	2003	9.4	105334.5	-6117.1
1824	9.4	103819.0	-6104.1	1914	9.8	104558.0	-6146.2	2004	9.9	105340.0	-6113.3
1825	9.7	103821.5	-6106.3	1915	9.5	104601.0	-6105.2	2005	9.6	105400.0	-6108.9
1826	9.0	103823.5	-6133.9	1916	9.2	104611.0	-6105.0	2006	9.8	105400.0	-6115.4
1827	9.8	103830.5	-6137.0	1917	9.9	104614.5	-6105.5	2007	9.9	105410.5	-6109.2
1828	9.6	103834.0	-6158.3	1918	9.8	104619.5	-6159.2	2008	9.6	105418.5	-6105.3
1829	9.8	103835.5	-6153.0	1919	9.8	104619.5	-6157.1	2009	9.8	105425.0	-6120.3
1830	9.6	103836.0	-6124.8	1920	9.8	104629.5	-6102.4	2010	9.8	105429.5	-6112.0
1831	9.7	103839.0	-6106.1	1921	9.9	104631.5	-6112.4	2011	8.6	105439.0	-6148.9
1832	9.0	103845.0	-6124.1	1922	8.6	104634.0	-6128.6	2012	9.6	105444.0	-6133.7
1833	9.4	103847.5	-6155.6	1923	9.1	104635.0	-6142.0	2013	9.7	105446.0	-6144.2
1834	9.4	103854.5	-6124.5	1924	9.8	104635.5	-6171.5	2014	9.7	105449.5	-6139.2
1835	9.8	103901.0	-6137.2	1925	9.6	104645.5	-6114.5	2015	9.4	105452.0	-6105.9
1836	9.8	103904.5	-6101.9	1926	9.9	104646.0	-6103.0	2016	9.8	105501.5	-6134.0
1837	9.8	103909.5	-6102.0	1927	8.8	104650.5	-6102.0	2017	9.2	105508.0	-6127.4
1838	9.8	103909.5	-6127.3	1928	9.8	104703.0	-6119.2	2018	9.1	105511.5	-6110.2
1839	9.6	103917.5	-6128.9	1929	8.9	104705.5	-6131.3	2019	9.9	105515.5	-6156.0
1840	9.3	103925.5	-6128.8	1930	9.6	104708.0	-6123.5	2020	9.9	105539.0	-6134.1
1841	9.2	103936.0	-6123.6	1931	9.4	104717.5	-6115.4	2021	8.8	105540.0	-6156.6
1842	8.6	103940.5	-6124.9	1932	9.9	104740.0	-6106.2	2022	9.0	105550.0	-6144.2
1843	9.7	103941.5	-6149.1	1933	9.3	104748.5	-6130.2	2023	9.8	105557.0	-6122.2
1844	9.6	103946.0	-6156.1	1934	9.8	104750.0	-6100.1	2024	9.8	105559.0	-6115.1
1845	9.4	103948.8	-6105.2	1935	9.8	104758.5	-6136.2	2025	9.8	105600.0	-6121.2
1846	9.5	103950.5	-6107.3	1936	9.3	104800.0	-6120.7	2026	9.9	105609.5	-6119.3

2027	9.0	105626.0	-6118.6	2037	8.8	105701.5	-6129.3	2047	9.9	105806.5	-6132.1
2028	8.7	105633.5	-6126.2	2038	9.6	105710.0	-6112.4	2048	9.9	105808.0	-6114.3
2029	9.9	105634.0	-6139.0	2039	9.9	105729.4	-6100.8	2049	9.8	105808.0	-6127.4
2030	9.4	105636.0	-6105.5	2040	9.9	105730.0	-6104.4	2050	9.8	105811.8	-6143.6
2031	9.0	105645.0	-6106.2	2041	9.7	105736.0	-6103.1	2051	9.2	105814.0	-6147.2
2032	8.8	105646.5	-6112.9	2042	9.7	105741.0	-6112.0	2052	9.9	105816.0	-6144.0
2033	9.0	105650.5	-6123.0	2043	9.9	105743.0	-6114.7	2053	9.3	105833.5	-6127.3
2034	9.8	105654.0	-6120.0	2044	8.8	105744.0	-6148.3	2054	9.9	105843.5	-6100.5
2035	9.9	105658.5	-6109.4	2045	8.8	105801.0	-6113.1	2055	9.4	105853.0	-6124.2
2036	9.0	105701.5	-6117.0	2046	8.6	105804.5	-6105.9	2056	9.9	105901.5	-6137.2
2057	9.1	105901.5	-6129.0	2067	6.7	110124.0	-6144.9	2077	9.7	110407.0	-6104.2
2058	9.0	105906.0	-6151.1	2068	8.0	110131.5	-6110.9	2078	9.9	110410.5	-6111.2
2059	9.6	105916.5	-6137.3	2069	9.2	110201.5	-6130.3	2079	9.7	110421.0	-6105.1
2060	9.8	105923.8	-6108.1	2070	9.2	110204.5	-6122.3	2080	9.8	110436.5	-6122.2
2061	9.2	105924.5	-6106.1	2071	9.0	110213.5	-6118.5	2081	9.2	110438.5	-6114.7
2062	9.4	105931.5	-6154.1	2072	9.2	110234.0	-6126.2	2082	9.9	110459.0	-6128.1
2063	9.4	105943.5	-6103.4	2073	9.9	110245.5	-6100.1	2083	9.0	110520.7	-6103.4
2064	8.6	110020.5	-6110.3	2074	9.9	110316.0	-6119.0	2084	9.8	110525.0	-6126.9
2065	9.6	110035.5	-6100.1	2075	6.0	110321.0	-6116.3	2085	10.0	110528.0	-6147.4
2066	8.6	110119.0	-6100.4	2076	9.8	110406.5	-6113.2	2086	9.8	110530.0	-6105.0
2087	9.5	110531.2	-6112.8	2097	10.0	110623.5	-6106.8				
2088	10.0	110531.5	-6111.7	2098	10.0	110632.0	-6138.6				
2089	10.0	110542.0	-6115.8	2099	9.1	110634.7	-6107.7				
2090	9.4	110547.7	-6130.0	2100	10.0	110638.0	-6107.4				
2091	9.1	110549.5	-6105.9	2101	10.0	110649.5	-6111.9				
2092	9.5	110552.0	-6158.4	2102	9.7	110652.2	-6107.9				
2093	9.9	110554.5	-6127.9	2103	8.9	110653.0	-6104.6				
2094	10.0	110604.0	-6100.2	2104	9.7	110654.0	-6132.6				
2095	9.1	110615.0	-6157.6	2105	9.4	110657.0	-6100.9				
2096	10.0	110617.5	-6145.2	2106	10.0	110701.0	-6134.7				
				2107	10.0	110702.0	-6105.3				
				2108	9.9	110702.0	-6145.9				
				2109	9.4	110708.0	-6152.1				
				2110	10.0	110717.5	-6119.2				
				2111	10.0	110718.0	-6110.2				
				2112	10.0	110719.0	-6109.0				
				2113	9.7	110721.0	-6106.0				
				2114	10.0	110722.5	-6151.0				
				2115	10.0	110724.5	-6145.1				
				2116	10.0	110731.0	-6113.3				

-61 2117 11h07m

-61 2476 11h33m

2117	9.9	110734.0	-6156.0	2207	10.0	111438.0	-6153.1	2297	10.0	111951.0	-6143.2
2118	10.0	110737.5	-6104.7	2208	9.7	111441.5	-6100.2	2298	9.4	111951.0	-6133.0
2119	9.4	110738.0	-6147.9	2209	10.0	111442.0	-6144.2	2299	10.0	111956.0	-6117.1
2120	8.9	110743.0	-6144.7	2210	10.0	111448.0	-6155.7	2300	9.6	111958.5	-6142.9
2121	10.0	110758.0	-6125.6	2211	10.0	111448.0	-6142.6	2301	9.9	112005.5	-6158.5
2122	9.8	110759.0	-6143.8	2212	9.6	111450.0	-6126.6	2302	10.0	112010.0	-6121.2
2123	9.7	110802.0	-6155.9	2213	9.5	111452.0	-6115.8	2303	10.0	112013.0	-6138.5
2124	9.6	110805.5	-6105.6	2214	9.2	111511.0	-6118.0	2304	10.0	112019.0	-6102.4
2125	9.2	110807.5	-6124.7	2215	9.6	111514.0	-6135.9	2305	8.4	112030.0	-6146.1
2126	9.9	110811.0	-6116.9	2216	10.0	111516.5	-6154.9	2306	10.0	112030.5	-6100.3
2127	9.2	110811.0	-6115.5	2217	9.8	111517.0	-6132.8	2307	9.7	112035.0	-6105.2
2128	9.2	110815.5	-6133.7	2218	9.3	111517.0	-6117.3	2308	9.8	112036.0	-6139.8
2129	9.3	110820.5	-6148.2	2219	9.7	111518.5	-6134.8	2309	10.0	112038.5	-6140.1
2130	9.2	110834.0	-6107.9	2220	9.4	111528.5	-6104.1	2310	10.0	112039.0	-6129.0
2131	9.4	110841.5	-6108.5	2221	10.0	111543.0	-6105.6	2311	9.4	112046.5	-6114.1
2132	10.0	110847.5	-6134.5	2222	9.4	111547.5	-6121.3	2312	9.5	112048.0	-6117.2
2133	10.0	110848.0	-6110.5	2223	9.8	111548.0	-6132.0	2313	10.0	112051.5	-6139.2
2134	10.0	110851.5	-6140.6	2224	9.6	111555.0	-6121.2	2314	9.8	112052.0	-6138.4
2135	10.0	110851.5	-6152.2	2225	9.7	111600.5	-6139.5	2315	9.4	112053.0	-6119.9
2136	10.0	110857.0	-6135.6	2226	9.7	111603.0	-6140.0	2316	9.6	112053.0	-6107.8
2137	10.0	110900.0	-6119.2	2227	9.4	111607.5	-6129.4	2317	10.0	112100.0	-6148.6
2138	9.6	110909.0	-6102.8	2228	9.0	111607.5	-6104.6	2318	9.8	112100.5	-6116.1
2139	10.0	110929.0	-6131.6	2229	8.4	111607.5	-6141.2	2319	10.0	112100.5	-6105.8
2140	9.4	110933.5	-6149.8	2230	9.5	111609.2	-6156.4	2320	9.8	112103.0	-6153.1
2141	10.0	110934.5	-6133.1	2231	10.0	111610.5	-6120.1	2321	9.1	112106.5	-6124.9
2142	9.7	110942.0	-6123.9	2232	9.8	111611.0	-6140.5	2322	9.4	112107.7	-6102.2
2143	10.0	110951.5	-6142.9	2233	10.0	111613.0	-6119.3	2323	9.6	112110.5	-6109.9
2144	10.0	110955.5	-6100.2	2234	10.0	111613.0	-6116.4	2324	9.8	112113.0	-6108.0
2145	9.7	110958.5	-6102.0	2235	9.9	111617.0	-6115.0	2325	10.0	112120.0	-6119.7
2146	10.0	111000.0	-6123.3	2236	10.0	111619.5	-6116.4	2326	9.8	112122.5	-6133.4
2147	9.7	111004.0	-6138.0	2237	9.9	111622.0	-6130.0	2327	9.6	112123.0	-6139.3
2148	9.8	111014.0	-6144.0	2238	10.0	111626.5	-6108.9	2328	9.8	112132.5	-6125.0
2149	10.0	111014.5	-6133.4	2239	9.8	111628.5	-6135.2	2329	9.5	112133.2	-6101.9
2150	9.4	111021.5	-6135.7	2240	9.7	111634.5	-6114.5	2330	10.0	112137.5	-6144.0
2151	9.4	111027.5	-6126.3	2241	10.0	111641.0	-6113.5	2331	10.0	112140.5	-6156.4
2152	10.0	111031.5	-6112.6	2242	9.7	111653.0	-6129.5	2332	9.6	112145.0	-6120.6
2153	9.8	111033.5	-6145.4	2243	9.9	111655.0	-6110.0	2333	9.0	112152.5	-6103.9
2154	10.0	111037.0	-6112.9	2244	9.4	111656.5	-6111.3	2334	9.5	112155.0	-6122.7
2155	9.1	111037.0	-6134.6	2245	8.3	111701.0	-6146.2	2335	9.0	112156.0	-6136.4
2156	9.6	111037.5	-6144.0	2246	9.6	111703.0	-6151.4	2336	10.0	112159.0	-6120.2
2157	9.7	111037.5	-6144.3	2247	10.0	111704.5	-6147.2	2337	9.7	112200.5	-6131.0
2158	9.3	111043.5	-6125.1	2248	9.7	111707.0	-6129.3	2338	10.0	112218.0	-6120.1
2159	10.0	111046.0	-6132.9	2249	9.8	111709.0	-6122.3	2339	10.0	112218.0	-6117.4
2160	9.7	111050.0	-6117.3	2250	10.0	111710.0	-6125.4	2340	10.0	112222.0	-6131.4
2161	10.0	111110.0	-6125.9	2251	10.0	111711.0	-6123.2	2341	8.8	112222.5	-6114.9
2162	9.6	111110.5	-6129.0	2252	9.8	111712.5	-6142.2	2342	8.8	112240.5	-6122.4
2163	9.5	111112.5	-6126.0	2253	8.4	111717.5	-6123.5	2343	10.0	112241.0	-6141.3
2164	9.5	111116.5	-6116.7	2254	10.0	111720.5	-6114.7	2344	10.0	112244.0	-6139.9
2165	9.6	111121.0	-6119.2	2255	9.2	111722.0	-6138.3	2345	10.0	112245.0	-6147.9
2166	10.0	111121.5	-6158.0	2256	9.6	111727.0	-6135.8	2346	9.7	112248.0	-6109.0
2167	9.8	111123.5	-6105.9	2257	9.3	111730.0	-6143.2	2347	10.0	112259.0	-6134.1
2168	9.9	111132.0	-6159.9	2258	10.0	111732.0	-6100.0	2348	9.5	112302.0	-6141.8
2169	9.5	111139.0	-6126.9	2259	10.0	111734.0	-6123.7	2349	10.0	112310.0	-6141.9
2170	9.8	111140.5	-6125.9	2260	9.8	111740.0	-6101.4	2350	8.4	112318.0	-6157.9
2171	10.0	111141.5	-6159.5	2261	10.0	111741.0	-6101.1	2351	9.4	112321.0	-6145.3
2172	10.0	111141.5	-6155.2	2262	9.6	111741.0	-6109.8	2352	10.0	112331.0	-6127.0
2173	9.7	111141.5	-6106.5	2263	9.9	111742.5	-6110.2	2353	9.4	112336.0	-6140.0
2174	9.1	111151.0	-6118.4	2264	10.0	111743.0	-6134.7	2354	10.0	112345.5	-6113.1
2175	10.0	111152.0	-6114.0	2265	8.7	111743.0	-6136.5	2355	10.0	112347.5	-6120.4
2176	9.7	111153.5	-6103.0	2266	9.8	111745.5	-6110.9	2356	9.3	112352.0	-6141.1
2177	9.6	111157.5	-6103.0	2267	10.0	111746.5	-6133.2	2357	8.7	112354.0	-6150.2
2178	9.9	111201.5	-6130.0	2268	9.8	111754.5	-6127.1	2358	9.2	112402.5	-6128.4
2179	9.6	111205.5	-6139.1	2269	9.3	111757.0	-6157.6	2359	9.6	112407.5	-6104.1
2180	9.8	111207.5	-6135.8	2270	9.2	111801.0	-6105.1	2360	9.9	112410.5	-6158.3
2181	10.0	111209.0	-6132.3	2271	9.8	111810.0	-6130.2	2361	9.0	112420.5	-6154.9
2182	8.8	111211.5	-6115.1	2272	10.0	111821.0	-6148.3	2362	10.0	112431.0	-6135.0
2183	10.0	111231.5	-6108.9	2273	10.0	111826.5	-6110.0	2363	8.8	112439.5	-6100.6
2184	10.0	111235.5	-6116.9	2274	10.0	111831.0	-6146.5	2364	8.3	112450.5	-6128.9
2185	9.4	111242.0	-6114.1	2275	9.8	111832.5	-6144.8	2365	9.4	112455.0	-6115.7
2186	10.0	111243.0	-6107.1	2276	9.4	111833.0	-6107.0	2366	9.3	112459.5	-6120.0
2187	9.5	111247.0	-6117.0	2277	10.0	111833.0	-6147.4	2367	9.2	112500.5	-6114.9
2188	9.5	111250.0	-6113.2	2278	10.0	111833.5	-6113.9	2368	10.0	112502.0	-6137.1
2189	10.0	111306.5	-6108.7	2279	9.0	111835.0	-6102.7	2369	10.0	112512.0	-6110.5
2190	10.0	111307.0	-6128.1	2280	10.0	111843.0	-6121.2	2370	8.7	112539.0	-6135.1
2191	10.0	111311.0	-6133.7	2281	9.6	111843.0	-6133.1	2371	10.0	112540.8	-6157.4
2192	10.0	111340.5	-6130.2	2282	10.0	111846.0	-6143.1	2372	9.7	112550.5	-6152.0
2193	10.0	111347.5	-6156.2	2283	9.4	111851.0	-6103.3	2373	9.9	112550.5	-6113.2
2194	10.0	111348.0	-6158.1	2284	10.0	111851.5	-6100.3	2374	9.6	112551.0	-6100.4
2195	9.5	111348.5	-6122.5	2285	10.0	111901.5	-6131.1	2375	10.0	112553.0	-6109.8
2196	10.0	111357.0	-6142.0	2286	10.0	111902.0	-6101.2	2376	9.6	112600.0	-6157.1
2197	10.0	111357.5	-6123.8	2287	9.8	111905.0	-6115.1	2377	10.0	112601.0	-6101.1
2198	9.5	111358.0	-6114.2	2288	9.8	111910.0	-6108.3	2378	10.0	112604.5	-6120.1
2199	9.6	111403.0	-6122.4	2289	10.0	111917.0	-6134.2	2379	8.7	112605.0	-6124.0
2200	10.0	111408.5	-6119.1	2290	10.0	111917.0	-6138.5	2380	8.4	112608.0	-6105.1
2201	10.0	111411.0	-6115.0	2291	9.7	111920.0	-6131.3	2381	9.1	112608.5	-6103.6
2202	10.0	111413.0	-6145.2	2292	9.5	111922.0	-6126.3	2382	10.0	112610.0	-6154.5
2203	10.0	111413.5	-6157.4	2293	10.0	111933.0	-6106.8	2383	9.4	112612.5	-6110.4
2204	9.6	111423.0	-6120.1	2294	9.8	111937.0	-6108.8	2384	9.8	112614.0	-6156.1
2205	10.0	111423.5	-6131.0	2295	10.0	111940.5	-6116.0	2385	9.9	112615.5	-6147.3
2206	10.0	111432.5	-6143.0	2296	10.0	111942.0	-6116.4	2386	9.8	112615.5	-6152.9
2387	9.4	112622.5	-6111.1								
2388	10.0	112623.0	-6155.9								
2389	9.8	112629.5	-6149.2								
2390	9.7	112630.5	-6115.1								
2391	8.6	112635.5	-6151.4								
2392	10.0	112636.5	-6156.2								
2393	9.4	112640.5	-6127.0								
2394	9.4	112646.5	-6115.1								
2395	9.5	112647.0	-6112.7								
2396	9.9	112649.5	-6150.8								
2397	9.6	112700.5	-6141.3								
2398	9.9	112701.0	-6107.3								
2399	9.8	112706.0	-6126.3								
2400	8.1	112706.5	-6107.8								
2401	9.1	112710.0	-6146.8								
2402	9.0	112713.0	-6145.1								
2403	10.0	112716.5	-6141.2								
2404	9.2	112721.5	-6134.5								
2405	10.0	112729.5	-6131.6								
2406	9.9	112732.5	-6119.5								
2407	10.0	112752.0	-6113.1								
2408	10.0	112800.5	-6154.9								
2409	10.0	112805.0	-6124.0								
2410	9.8	112815.0	-6112.1								
2411	9.7	112822.5	-6129.1								
2412	9.0	112822.5	-6100.5								
2413	10.0	112823.0	-6158.7								
2414	10.0	112834.5	-6106.4								
2415	9.5	112835.5	-6130.1								
2416	10.0	112910.0	-6139.4								
2417	10.0	112916.5	-6127.3								
2418	9.0	112920.5	-6127.4								
2419	9.4	112926.5	-6156.4								
2420	9.2	112927.5	-6129.3								
2421	9.4	112928.8	-6100.6								
2422	9.4	112933.0	-6148.9								
2423	10.0	112940.5	-6116.1								
2424	10.0	112943.0	-6148.2								
2425	9.8	112943.5	-6147.0								
2426	9.7	112953.5	-6103.4								
2427	9.9	113000.5	-6103.5								
2428	9.7	113009.5	-6116.0								
2429	9.8	113010.5	-6154.1								
2430	9.4	113015.0	-6105.8								
2431	9.7	113017.0	-6109.1								
2432	9.1	113017.5	-6100.8								
2433	9.9	113018.5	-6103.0								
2434	9.1	113021.0	-6100.2								
2435	10.0	113030.5	-6156.1								
2436	9.6	113030.5	-6147.3								
2437	9.7	113034.5	-6154.1								
2438	9.9	113037.5	-6117.0								
2439	9.8	113041.5	-6134.1								
2440	9.2	113046.0	-6155.9								
2441	9.5	113052.5	-6101.0								
2442	9.7	113052.5	-6117.4								
2443	9.8	113056.5	-6126.0								
2444	9.0	113105.5	-6155.0								
2445	9.4	113105.5	-6116.0								
2446	10.0	113106.5	-6158.4								
2447	10.0	113112.0	-6146.9								
2448	9.2	113116.5	-6147.4								
2449	8.9	113118.0	-6106.5								
2450	9.1	113121.0	-6153.4								
2451	10.0	113132.5	-6133.0								
2452	10.0	113149.5	-6112.0								
2453	9.6	113150.5	-6156.2								
2454	9.5	113151.0	-6104.1								
2455	9.6	113152.5	-6155.1								
2456	9.5	113152.5	-6144.3								
2457	9.7	113152.5	-6146.5								
2458	10.0	113153.0	-6114.9								
2459	9.8	113159.0	-6103.5								
2460	8.3	113159.5	-6146.5								
2461	9.6	113210.5	-6154.5								
2462	8.7	113212.5	-6138.1								
2463	5.6	113216.5	-6108.1								
2464	10.0	113223.5	-6109.4								
2465	9.9	113276.5	-6120.1								
2466	10.0	113231.5	-6156.7								
2467	10.0	113232.5	-6133.9								
2468	9.4	113233.0	-6159.9								
2469	10.0	113237.0	-6132.9								
2470	10.0	113239.0	-6111.7								
2471	10.0	113245.5	-6124.1								
2472	9.8	113246.5	-6101.2								
2473	10.0	113253.0	-6159.9								
2474	9.5	113255.5	-6140.0								
2475	9.7	113302.5	-6145.0								
2476	9.5	113303.0	-6109.9								

-61 2477 11h33m

-61 2836 11h51m

2477	10.0	113315.5	-6138.0	2567	8.6	113751.5	-6149.1	2657	9.2	114311.0	-6125.9
2478	7.9	113318.5	-6143.8	2568	10.0	113752.5	-6135.7	2658	9.6	114311.5	-6112.9
2479	9.4	113322.5	-6143.4	2569	9.2	113752.5	-6151.9	2659	10.2	114315.5	-6114.8
2480	10.0	113326.5	-6134.6	2570	8.3	113800.0	-6126.6	2660	10.2	114316.5	-6149.9
2481	10.0	113326.5	-6147.9	2571	8.3	113802.5	-6150.8	2661	10.0	114330.0	-6149.8
2482	9.6	113328.0	-6109.0	2572	9.7	113810.0	-6128.2	2662	9.6	114331.5	-6115.2
2483	10.0	113328.5	-6100.4	2573	9.6	113811.5	-6104.0	2663	9.1	114337.0	-6126.8
2484	9.2	113329.5	-6114.2	2574	9.5	113816.5	-6101.4	2664	9.0	114339.0	-6150.0
2485	9.7	113332.0	-6112.5	2575	9.5	113817.0	-6159.7	2665	10.2	114339.3	-6156.4
2486	9.8	113337.5	-6144.5	2576	8.5	113819.5	-6152.2	2666	10.0	114341.0	-6115.6
2487	8.8	113338.0	-6156.9	2577	9.9	113822.5	-6135.1	2667	9.8	114341.0	-6153.4
2488	8.7	113341.5	-6106.5	2578	10.0	113823.0	-6159.8	2668	9.5	114341.5	-6127.8
2489	10.0	113348.2	-6158.2	2579	9.5	113839.0	-6111.0	2669	9.8	114342.0	-6112.1
2490	10.0	113349.0	-6104.2	2580	9.7	113841.0	-6157.4	2670	9.8	114345.0	-6123.8
2491	9.2	113354.5	-6131.4	2581	9.7	113851.5	-6137.1	2671	10.0	114346.2	-6157.2
2492	9.4	113400.5	-6100.5	2582	9.5	113851.5	-6147.1	2672	10.0	114355.5	-6101.9
2493	10.0	113402.5	-6110.5	2583	10.0	113858.0	-6105.3	2673	10.2	114357.0	-6119.0
2494	9.8	113406.0	-6152.2	2584	8.8	113900.0	-6107.4	2674	10.0	114413.0	-6137.0
2495	9.5	113414.0	-6118.7	2585	9.8	113900.5	-6149.1	2675	10.2	114417.0	-6158.9
2496	9.8	113416.5	-6136.6	2586	9.7	113903.5	-6148.2	2676	9.4	114419.0	-6110.4
2497	10.0	113418.3	-6157.4	2587	10.0	113905.5	-6102.4	2677	6.8	114420.5	-6157.3
2498	8.9	113419.0	-6131.6	2588	10.0	113908.0	-6143.0	2678	9.6	114427.0	-6154.9
2499	10.0	113422.5	-6123.6	2589	10.0	113908.0	-6141.7	2679	10.0	114429.0	-6136.8
2500	8.3	113423.0	-6144.3	2590	9.0	113910.0	-6121.3	2680	9.6	114429.5	-6117.8
2501	10.0	113427.5	-6129.3	2591	10.0	113910.5	-6104.1	2681	8.4	114433.0	-6151.4
2502	9.2	113429.5	-6132.3	2592	10.0	113910.5	-6131.9	2682	10.0	114434.0	-6104.7
2503	9.4	113430.5	-6122.0	2593	10.0	113916.0	-6105.1	2683	10.0	114437.0	-6118.2
2504	8.4	113432.5	-6130.3	2594	8.8	113916.5	-6114.1	2684	9.2	114438.5	-6144.8
2505	9.7	113437.0	-6117.2	2595	9.8	113919.5	-6117.1	2685	9.3	114439.0	-6144.1
2506	9.8	113439.0	-6141.4	2596	9.7	113920.0	-6103.0	2686	9.6	114443.5	-6107.1
2507	9.7	113440.5	-6151.9	2597	8.7	113920.0	-6148.1	2687	9.5	114444.0	-6157.0
2508	6.7	113443.5	-6152.5	2598	10.0	113921.5	-6106.2	2688	10.2	114457.0	-6111.9
2509	9.1	113444.0	-6148.3	2599	9.7	113926.0	-6136.8	2689	9.7	114457.0	-6128.1
2510	9.9	113446.5	-6128.6	2600	9.4	113932.5	-6144.2	2690	9.3	114501.0	-6156.8
2511	10.0	113454.5	-6159.7	2601	8.4	113936.0	-6137.3	2691	7.4	114504.5	-6109.0
2512	10.0	113456.5	-6155.1	2602	9.4	113937.0	-6121.1	2692	9.6	114506.5	-6103.5
2513	9.8	113457.5	-6141.2	2603	10.0	113943.8	-6157.9	2693	9.7	114507.5	-6135.5
2514	7.1	113500.0	-6123.8	2604	9.8	113945.5	-6110.3	2694	9.5	114509.0	-6108.3
2515	9.5	113509.5	-6148.2	2605	10.0	113946.0	-6142.2	2695	8.2	114510.0	-6106.7
2516	9.9	113519.5	-6159.5	2606	9.4	113958.5	-6157.7	2696	9.0	114510.0	-6118.0
2517	9.6	113520.5	-6154.1	2607	9.0	114001.0	-6117.2	2697	8.6	114511.0	-6101.5
2518	9.7	113520.5	-6151.5	2608	9.5	114007.0	-6159.4	2698	9.4	114517.5	-6153.5
2519	10.0	113522.5	-6109.9	2609	9.4	114032.0	-6122.6	2699	9.0	114519.0	-6153.9
2520	10.0	113523.0	-6100.2	2610	10.0	114033.0	-6136.2	2700	9.2	114520.0	-6148.9
2521	9.3	113524.0	-6155.0	2611	8.1	114034.0	-6123.0	2701	9.9	114524.0	-6136.8
2522	9.1	113532.5	-6137.0	2612	9.7	114035.0	-6158.0	2702	9.4	114528.0	-6112.0
2523	9.7	113533.0	-6106.2	2613	9.3	114037.0	-6104.5	2703	10.2	114530.0	-6139.9
2524	9.7	113533.0	-6104.2	2614	9.5	114037.0	-6128.5	2704	10.2	114536.0	-6112.5
2525	10.0	113536.0	-6108.4	2615	8.8	114040.0	-6136.0	2705	10.2	114538.5	-6112.2
2526	10.0	113542.0	-6129.3	2616	8.7	114047.0	-6139.0	2706	10.2	114539.0	-6149.1
2527	10.0	113550.5	-6116.1	2617	9.6	114050.5	-6129.1	2707	10.2	114541.0	-6122.7
2528	10.0	113553.0	-6122.3	2618	10.0	114050.5	-6117.4	2708	9.0	114543.0	-6113.4
2529	8.9	113553.5	-6102.4	2619	8.9	114053.0	-6100.2	2709	10.2	114543.0	-6151.
2530	9.9	113553.5	-6148.6	2620	10.0	114105.1	-6158.4	2710	9.8	114546.0	-6123.
2531	9.9	113554.0	-6158.3	2621	8.7	114110.0	-6156.1	2711	9.9	114546.5	-6158.5
2532	9.8	113556.5	-6147.0	2622	8.2	114116.5	-6144.4	2712	10.0	114549.0	-6142.0
2533	9.6	113559.0	-6112.2	2623	10.0	114117.0	-6113.2	2713	10.2	114550.0	-6151.3
2534	9.8	113602.5	-6103.4	2624	9.3	114118.0	-6129.1	2714	9.9	114551.0	-6114.1
2535	9.9	113603.5	-6147.2	2625	10.0	114119.5	-6137.3	2715	9.6	114553.0	-6158.9
2536	9.7	113608.0	-6148.5	2626	8.9	114119.5	-6114.4	2716	9.6	114557.0	-6105.9
2537	9.7	113612.5	-6150.5	2627	9.4	114120.0	-6138.6	2717	9.6	114558.5	-6135.7
2538	10.0	113620.5	-6145.9	2628	10.2	114120.0	-6157.3	2718	9.6	114606.5	-6140.1
2539	10.0	113626.5	-6109.1	2629	10.2	114127.0	-6133.4	2719	9.3	114607.5	-6119.9
2540	9.5	113630.0	-6153.0	2630	10.2	114130.0	-6146.4	2720	9.0	114610.0	-6120.0
2541	8.2	113630.5	-6147.0	2631	10.0	114130.5	-6120.2	2721	9.6	114611.0	-6143.0
2542	9.4	113631.0	-6106.4	2632	9.1	114147.0	-6117.3	2722	9.4	114613.0	-6159.3
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2544	9.8	113638.0	-6114.9	2634	10.0	114155.8	-6121.6	2724	9.9	114623.0	-6133.4
2545	10.0	113646.0	-6119.0	2635	9.8	114157.3	-6125.1	2725	9.0	114623.0	-6145.1
2546	9.8	113646.5	-6152.7	2636	8.9	114157.3	-6130.7	2726	10.2	114624.0	-6141.9
2547	10.0	113648.5	-6126.9	2637	10.2	114201.0	-6155.0	2727	9.8	114624.0	-6130.2
2548	10.0	113648.5	-6128.9	2638	10.2	114208.0	-6112.5	2728	9.9	114626.0	-6138.2
2549	9.6	113650.5	-6114.5	2639	10.2	114216.3	-6101.6	2729	7.6	114629.0	-6132.4
2550	8.2	113652.5	-6152.2	2640	9.4	114220.5	-6138.5	2730	9.0	114629.5	-6117.9
2551	8.3	113652.5	-6144.3	2641	10.0	114221.0	-6137.6	2731	9.7	114630.0	-6137.0
2552	10.0	113706.5	-6118.1	2642	10.0	114222.5	-6121.5	2732	9.6	114630.0	-6115.3
2553	9.6	113721.0	-6121.2	2643	9.6	114223.0	-6121.9	2733	9.7	114637.0	-6133.2
2554	10.0	113721.5	-6139.4	2644	10.0	114227.0	-6154.3	2734	10.2	114638.0	-6127.2
2555	9.1	113722.5	-6107.1	2645	10.2	114229.3	-6136.1	2735	10.0	114643.0	-6114.4
2556	9.7	113728.0	-6115.4	2646	10.2	114233.3	-6124.0	2736	10.0	114650.0	-6149.3
2557	10.0	113730.5	-6120.1	2647	10.0	114237.2	-6121.0	2737	9.6	114650.0	-6134.3
2558	9.4	113732.5	-6153.4	2648	9.8	114239.5	-6137.9	2738	9.2	114650.5	-6159.5
2559	6.8	113732.5	-6147.7	2649	9.0	114244.8	-6142.1	2739	9.9	114653.0	-6127.2
2560	8.2	113744.5	-6150.3	2650	9.7	114246.5	-6152.4	2740	10.0	114658.5	-6127.9
2561	9.7	113745.5	-6146.4	2651	9.6	114250.7	-6136.4	2741	9.6	114700.0	-6127.6
2562	9.4	113747.0	-6154.1	2652	10.0	114258.0	-6147.5	2742	10.2	114700.1	-6131.8
2563	10.0	113747.5	-6139.5	2653	10.2	114258.5	-6102.1	2743	10.0	114707.0	-6159.9
2564	9.5	113748.0	-6103.1	2654	10.2	114300.0	-6150.8	2744	9.7	114710.5	-6141.4
2565	9.4	113750.0	-6149.1	2655	10.0	114300.5	-6110.1	2745	9.7	114713.0	-6119.0
2566	9.8	113750.5	-6139.4	2656	10.0	114306.0	-6154.8	2746	9.2	114713.5	-6129.2
2647	9.6	114715.5	-6127.9								
2748	9.8	114715.5	-6108.7								
2749	9.9	114718.0	-6152.5								
2750	9.6	114719.0	-6141.5								
2751	8.8	114724.0	-6147.8								
2752	9.8	114727.0	-6138.7								
2753	9.3	114730.5	-6130.6								
2754	10.2	114732.5	-6129.4								
2755	10.0	114733.0	-6123.0								
2756	8.3	114736.5	-6130.0								
2757	9.6	114737.0	-6149.9								
2758	9.9	114740.0	-6122.1								
2759	10.0	114742.5	-6144.9								
2760	9.0	114744.0	-6113.3								
2761	9.7	114745.0	-6105.3								
2762	9.6	114748.0	-6128.8								
2763	9.8	114750.0	-6130.1								
2764	10.0	114757.0	-6146.0								
2765	9.2	114809.5	-6152.7								
2766	9.8	114810.5	-6107.9								
2767	10.2	114813.5	-6153.9								
2768	9.6	114816.5	-6118.0								
2769	10.2	114819.0	-6129.8								
2770	10.0	114820.0	-6111.9								
2771	10.2	114827.0	-6115.8								
2772	8.7	114828.0	-6144.0								
2773	9.0	114830.0	-6147.6								
2774	10.2	114830.5	-6113.1								
2775	10.2	114830.5	-6112.0								
2776	10.2	114832.0	-6146.3								
2777	9.9	114838.5	-6144.6								
2778	9.6	114840.0	-6111.1								
2779	9.4	114847.5	-6153.0								
2780	9.0	114850.0	-6153.0								
2781	9.9	114854.0	-6127.1								
2782	10.0	114855.5	-6135.1								
2783	10.2	114858.5	-6158.4								
2784	10.0	114859.5	-6125.2								
2785	9.7	114908.5	-6157.6								
2786	9.7	114909.0	-6155.1								
2787	10.0	114911.5	-6157.2								
2788	8.3	114917.0	-6130.0								
2789	10.0	114928.0	-6125.9								
2790	10.2	114930.0	-6117.2								
2791	9.9	114930.0	-6124.5								
2792	10.0	114947.0	-6123.0								
2793	9.6	114947.5	-6112.9								
2794	9.9	114949.0	-6154.0								
2795	10.0	114950.0	-6152.9								
2796	10.0	114952.5	-6159.6								
2797	9.4	114953.0	-6123.2								
2798	9.4	114953.0	-6142.7								
2799	9.8	114958.0	-6131.1								
2800	10.0	114959.5	-6102.3								
2801	9.8	115000.0	-6133.7								
2802	9.8	115001.0	-6129.3								
2803	9.7	115002.0	-6103.2								
2804	9.5	115003.0	-6118.9								
2805	9.5	115004.5	-6121.8								
2806	9.8	115008.5	-6151.9								
2807	10.0	115009.0	-6127.4								
2808	9.7	115011.0	-6122.2								
2809	9.8	115012.0	-6115.0								
2810	9.9	115012.5	-6118.7								
2811	9.9	115018.0	-6122.8								
2812	10.2	115021.8	-6158.2								
2813	8.9	115035.0	-6106.2								
2814	9.0	115037.5	-6155.0								
2815	9.5	115038.0	-6141.3								
2816	10.2	115041.0	-6105.5								
2817	10.0	115047.0	-6141.5								
2818	10.0	115050.0	-6157.9								
2819	9.6	115052.5	-6119.1								
2820	10.0	115053.5	-6148.9								
2821	10.0	115054.0	-6143.0								
2822	10.2	115057.0	-6142.8								
2823	10.0	115108.5	-6140.5								
2824	9.3	115110.0	-6155.5								
2825	9.6	115111.5	-6109.1								
2826	9.6	115116.0	-6148.1								
2827	10.2	115119.0	-6141.9								
2828	9.5	115120.5	-6111.1								
2829	5.6	115122.5	-6145.1								
2830	9.4	115129.0	-6140.8								
2831	9.6	115136.5	-6146.1								
2832	9.9	115147.5	-6134.1								
2833	9.8	115153.5	-6157.6								
2834	10.0	115154.0	-6111.3								
2835	9.9	115155.7	-6101.2								
2836	9.3	115159.0	-6111.1								

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2837	9.8	115201.5	-6133.2
2838	9.8	115202.0	-6121.4
2839	10.0	115203.0	-6142.0
2840	10.0	115203.0	-6149.5
2841	10.2	115214.3	-6158.0
2842	9.8	115218.0	-6115.8
2843	9.8	115219.8	-6145.7
2844	9.1	115221.0	-6107.1
2845	9.8	115223.0	-6139.7
2846	9.4	115227.0	-6102.0
2847	9.6	115227.8	-6141.7
2848	10.2	115231.8	-6139.5
2849	10.2	115235.8	-6133.1
2850	10.0	115236.5	-6126.5
2851	9.6	115240.5	-6101.1
2852	8.3	115241.0	-6128.4
2853	10.2	115250.5	-6135.7
2854	9.8	115253.0	-6131.8
2855	9.4	115253.5	-6134.4
2856	9.6	115258.8	-6116.6
2857	9.3	115302.5	-6124.3
2858	10.2	115305.8	-6125.2
2859	9.0	115307.0	-6109.2
2860	10.2	115308.5	-6156.8
2861	10.0	115309.5	-6132.4
2862	10.2	115312.0	-6156.3
2863	10.2	115313.0	-6155.0
2864	10.2	115317.0	-6153.7
2865	10.0	115328.8	-6148.1
2866	9.0	115338.5	-6118.2
2867	10.0	115343.0	-6132.4
2868	9.6	115346.0	-6144.4
2869	9.0	115347.5	-6151.9
2870	10.0	115357.0	-6119.0
2871	9.5	115403.0	-6121.4
2872	9.8	115404.8	-6131.8
2873	9.6	115407.0	-6114.7
2874	10.0	115413.5	-6129.1
2875	9.0	115422.5	-6119.4
2876	10.0	115424.8	-6126.3
2877	10.2	115426.4	-6158.4
2878	9.7	115433.0	-6123.4
2879	9.9	115434.5	-6142.0
2880	9.0	115438.5	-6102.0
2881	10.0	115441.0	-6158.6
2882	9.4	115446.5	-6105.7
2883	10.2	115447.5	-6159.0
2884	9.1	115450.5	-6155.1
2885	10.0	115452.5	-6130.2
2886	9.9	115454.0	-6106.1
2887	10.0	115457.5	-6122.3
2888	8.5	115503.5	-6154.9
2889	10.2	115511.0	-6152.1
2890	10.0	115511.8	-6150.5
2891	10.0	115512.8	-6158.6
2892	9.6	115513.0	-6136.3
2893	10.2	115514.8	-6153.2
2894	10.0	115516.8	-6125.8
2895	9.7	115520.0	-6152.3
2896	10.0	115520.2	-6158.0
2897	9.4	115521.5	-6115.3
2898	9.0	115524.5	-6149.8
2899	10.0	115533.0	-6137.9
2900	9.9	115536.0	-6146.6
2901	9.0	115537.0	-6140.1
2902	10.0	115537.8	-6149.4
2903	10.2	115547.0	-6119.3
2904	9.5	115550.0	-6146.0
2905	9.7	115601.0	-6127.5
2906	7.6	115601.5	-6143.0
2907	9.0	115606.0	-6115.0
2908	9.8	115610.0	-6154.0
2909	10.2	115621.5	-6131.8
2910	10.2	115626.5	-6116.7
2911	9.6	115626.8	-6157.3
2912	10.2	115628.5	-6131.7
2913	9.3	115628.8	-6103.9
2914	7.1	115632.8	-6128.5
2915	7.8	115635.5	-6158.5
2916	10.2	115636.5	-6131.6
2917	10.0	115637.0	-6126.9
2918	8.6	115641.0	-6118.0
2919	9.0	115644.0	-6107.2
2920	10.2	115646.8	-6124.3
2921	10.2	115650.0	-6153.2
2922	10.2	115700.8	-6158.3
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2924	9.2	115719.5	-6135.2
2925	9.3	115723.0	-6106.7
2926	10.2	115733.0	-6146.8
2927	10.0	115737.0	-6137.1
2928	10.2	115737.8	-6111.7
2929	9.6	115738.0	-6105.6
2930	9.7	115743.0	-6122.9
2931	9.0	115743.5	-6136.1
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2933	8.2	115820.5	-6117.9
2934	9.3	115822.5	-6117.5
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2936	9.3	115827.0	-6154.2
2937	9.4	115827.5	-6144.0
2938	10.2	115829.8	-6114.3
2939	9.6	115829.8	-6125.2
2940	9.4	115830.0	-6108.5
2941	10.2	115840.0	-6142.7
2942	10.0	115843.5	-6109.2
2943	9.5	115847.5	-6116.7
2944	9.4	115851.5	-6134.0
2945	9.6	115852.0	-6121.1
2946	8.5	115854.5	-6104.0
2947	10.2	115904.0	-6113.4
2948	9.9	115909.5	-6128.0
2949	10.2	115918.0	-6125.9
2950	9.8	115920.0	-6152.2
2951	10.2	115927.0	-6150.7
2952	10.0	115928.0	-6150.1
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2955	10.2	115952.8	-6125.6
2956	9.6	115959.0	-6114.1
2957	9.4	120017.5	-6108.7
2958	9.4	120023.0	-6137.1
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2960	9.6	120035.5	-6133.7
2961	9.3	120059.0	-6102.4
2962	10.2	120100.5	-6123.0
2963	10.0	120105.5	-6133.0
2964	10.0	120108.4	-6100.3
2965	10.2	120114.0	-6159.0
2966	10.2	120144.0	-6112.2
2967	10.0	120145.8	-6144.2
2968	9.6	120146.5	-6158.9
2969	9.8	120147.5	-6121.2
2970	9.3	120155.5	-6151.5
2971	9.4	120158.5	-6137.4
2972	8.6	120203.0	-6140.3
2973	10.2	120212.0	-6154.3
2974	10.2	120213.0	-6124.2
2975	10.2	120215.5	-6144.9
2976	10.2	120223.0	-6100.2
2977	9.7	120224.5	-6125.5
2978	9.8	120239.8	-6158.0
2979	8.9	120243.0	-6120.2
2980	9.5	120244.5	-6109.3
2981	8.6	120250.5	-6131.0
2982	9.2	120251.5	-6143.5
2983	9.9	120302.5	-6112.2
2984	10.0	120303.5	-6132.0
2985	9.0	120303.5	-6114.9
2986	9.3	120304.5	-6129.9
2987	8.2	120312.0	-6153.2
2988	9.4	120339.0	-6129.9
2989	10.2	120345.8	-6135.5
2990	9.4	120351.5	-6137.0
2991	8.6	120354.5	-6131.1
2992	10.2	120355.0	-6129.0
2993	10.2	120404.0	-6139.4
2994	10.2	120407.0	-6115.9
2995	9.6	120407.0	-6111.1
2996	10.0	120411.0	-6148.5
2997	10.0	120413.5	-6138.1
2998	9.6	120425.0	-6157.8
2999	8.1	120427.0	-6114.3
3000	9.8	120437.0	-6146.5
3001	9.0	120438.5	-6129.6
3002	10.2	120445.3	-6157.5
3003	9.4	120459.5	-6146.8
3004	9.3	120516.5	-6109.1
3005	9.0	120518.5	-6123.7
3006	8.0	120529.0	-6125.8
3007	9.0	120530.0	-6105.1
3008	9.0	120534.5	-6111.9
3009	10.2	120548.0	-6130.3
3010	10.0	120548.0	-6132.2
3011	9.1	120550.5	-6103.7
3012	9.6	120554.5	-6104.9
3013	10.2	120557.0	-6136.7
3014	10.2	120559.0	-6151.8
3015	10.2	120559.0	-6117.3
3016	9.9	120600.0	-6122.5

-61 3196 12h20m

3017	10.2	120611.5	-6144.3
3018	10.2	120612.5	-6142.9
3019	9.0	120613.0	-6112.2
3020	10.2	120613.0	-6140.4
3021	9.6	120617.5	-6111.3
3022	8.0	120624.5	-6137.0
3023	9.7	120629.0	-6154.3
3024	9.6	120630.7	-6100.4
3025	9.8	120634.0	-6136.1
3026	9.5	120648.5	-6137.2
3027	10.2	120650.0	-6127.9
3028	8.7	120654.0	-6138.5
3029	9.5	120654.5	-6149.9
3030	10.0	120657.0	-6128.5
3031	10.0	120658.7	-6101.1
3032	9.0	120701.0	-6132.6
3033	9.8	120717.2	-6102.2
3034	9.3	120720.0	-6158.9
3035	10.2	120728.0	-6127.1
3036	8.2	120729.5	-6135.8
3037	10.0	120738.5	-6146.8
3038	10.2	120749.5	-6147.4
3039	8.8	120752.0	-6112.3
3040	9.6	120756.0	-6139.1
3041	10.2	120810.0	-6124.7
3042	10.0	120816.0	-6159.4
3043	8.9	120817.0	-6110.4
3044	9.2	120824.0	-6132.9
3045	9.3	120830.0	-6150.5
3046	10.2	120837.0	-6137.9
3047	9.7	120843.0	-6133.6
3048	9.8	120848.5	-6157.9
3049	8.6	120848.5	-6150.6
3050	10.2	120849.0	-6125.7
3051	10.2	120854.0	-6143.3
3052	10.0	120857.0	-6124.8
3053	10.2	120904.5	-6102.3
3054	9.8	120905.5	-6134.3
3055	9.4	120923.5	-6156.1
3056	9.4	120925.5	-6105.5
3057	10.2	120934.0	-6107.1
3058	9.8	120940.0	-6127.1
3059	8.8	120947.0	-6159.3
3060	9.7	120958.0	-6115.6
3061	9.4	121000.0	-6140.9
3062	9.3	121006.5	-6126.1
3063	10.2	121014.5	-6134.9
3064	9.2	121015.5	-6146.8
3065	10.2	121016.0	-6142.4
3066	10.2	121029.5	-6147.1
3067	10.0	121030.0	-6125.9
3068	10.2	121046.0	-6107.0
3069	9.4	121046.5	-6109.2
3070	10.0	121055.0	-6102.2
3071	10.0	121056.0	-6119.9
3072	9.8	121111.0	-6122.4
3073	9.8	121116.0	-6136.8
3074	9.4	121120.0	-6143.0
3075	8.4	121127.5	-6128.9
3076	10.2	121130.0	-6119.0
3077	9.7	121130.0	-6116.1
3078	9.1	121132.3	-6156.9
3079	10.2	121148.5	-6112.1
3080	10.2	121158.3	-6156.9
3081	9.4	121211.0	-6146.9
3082	9.4	121217.0	-6119.9
3083	9.7	121222.5	-6107.1
3084	9.0	121230.5	-6116.2
3085	9.8	121315.0	-6153.3
3086	10.2	121320.0	-6152.2
3087	9.8	121327.0	-6141.3
3088	8.3	121327.5	-6150.1
3089	9.7	121332.5	-6116.6
3090	10.2	121342.0	-6117.0
3091	9.4	121345.0	-6115.8
3092	10.0	121400.5	-6138.9
3093	9.2	121400.5	-6124.1
3094	10.2	121412.5	-6138.6
3095	8.9	121415.5	-6121.0
3096	9.6	121417.5	-6137.5
3097	8.7	121420.0	-6144.0
3098	10.2	121428.0	-6117.9
3099	9.2	121430.0	-6133.9
3100	7.8	121432.0	-6135.2
3101	10.2	121446.0	-6129.0
3102	9.7	121447.0	-6112.1
3103	9.8	121448.0	-6130.1
3104	10.0	121454.0	-6148.2
3105	9.5	121454.0	-6128.5
3106	10.0	121501.3	-6158.2
3107	10.2	121512.0	-6158.4
3108	9.0	121519.5	-6142.2
3109	9.2	121520.0	-6154.0
3110	10.0	121534.0	-6127.2
3111	9.9	121534.5	-6152.7
3112	8.2	121547.0	-6131.2
3113	10.0	121548.0	-6121.3
3114	9.0	121550.5	-6153.8
3115	9.6	121604.5	-6125.7
3116	10.2	121611.0	-6118.6
3117	9.1	121611.0	-6137.2
3118	9.4	121618.0	-6150.4
3119	9.9	121619.0	-6102.0
3120	9.2	121624.5	-6134.2
3121	9.0	121629.2	-6102.2
3122	10.2	121638.0	-6107.5
3123	10.0	121639.0	-6140.5
3124	10.2	121639.0	-6151.6
3125	9.2	121654.0	-6148.5
3126	9.6	121700.0	-6141.0
3127	10.0	121703.5	-6146.6
3128	8.6	121706.0	-6124.9
3129	10.2	121709.5	-6131.3
3130	9.6	121713.0	-6131.6
3131	9.0	121713.5	-6128.4
3132	8.9	121716.0	-6124.6
3133	10.0	121718.5	-6127.2
3134	10.0	121720.5	-6133.9
3135	10.2	121730.0	-6115.4
3136	10.2	121731.5	-6148.2
3137	10.2	121735.0	-6146.2
3138	8.6	121741.0	-6113.2
3139	9.3	121743.5	-6111.3
3140	10.1	121744.5	-6110.4
3141	9.5	121746.7	-6123.9
3142	9.1	121747.6	-6156.8
3143	9.8	121748.8	-6107.8
3144	10.0	121753.8	-6155.9
3145	9.8	121801.3	-6134.5
3146	9.7	121801.3	-6136.9
3147	10.1	121802.5	-6131.6
3148	10.1	121803.0	-6104.7
3149	9.8	121816.8	-6116.0
3150	10.0	121819.5	-6149.6
3151	9.2	121819.8	-6119.3
3152	10.1	121822.5	-6119.3
3153	10.0	121827.0	-6137.9
3154	10.0	121828.0	-6126.7
3155	9.8	121838.0	-6112.9
3156	9.2	121838.0	-6130.1
3157	10.1	121841.5	-6133.7
3158	9.0	121843.3	-6136.6
3159	10.1	121843.5	-6141.6
3160	8.8	121845.5	-6103.3
3161	10.1	121848.5	-6142.9
3162	10.1	121850.5	-6143.4
3163	9.0	121854.0	-6140.5
3164	9.7	121858.0	-6130.5
3165	10.1	121900.5	-6139.9
3166	8.8	121900.5	-6133.4
3167	9.7	121901.5	-6138.3
3168	10.0	121901.5	-6139.7
3169	10.1	121902.0	-6148.7
3170	9.0	121902.5	-6147.5
3171	9.8	121908.0	-6146.3
3172	9.7	121921.0	-6111.0
3173	10.0	121925.5	-6144.4
3174	10.1	121927.0	-6102.3
3175	10.1	121928.0	-6119.0
3176	9.2	121931.5	-6112.9
3177	10.1	121932.5	-6123.9
3178	9.3	121941.5	-6107.8
3179	9.2	121942.5	-6131.7
3180	10.1	121946.5	-6103.5
3181	9.4	121951.5	-6112.7
3182	9.9	121952.0	-6158.5
3183	9.9	121959.5	-6141.8
3184	9.4	122005.0	-6123.3
3185	10.1	122010.0	-6114.8
3186	9.5	122012.5	-6100.0
3187	10.1	122013.0	-6156.8
3188	9.5	122014.0	-6122.9
3189	10.2	122020.0	-6157.7
3190	9.8	122022.0	-6150.5
3191	9.0	122022.0	-6131.1
3192	10.0	122023.5	-6144.7
3193	10.2	122027.5	-6116.4
3194	10.2	122038.5	-6102.4
3195	9.0	122042.0	-6146.6
3196	10.0	122045.0	-6142.5

-61 3197 12h20m

-61 3556 13h09m

3197 10.2 122050.5 -6103.1	3287 9.6 122723.5 -6124.6	3377 10.2 124245.5 -6140.5	3467 10.1 130004.5 -6137.7
3198 8.8 122052.5 -6120.2	3288 9.5 122728.5 -6141.3	3378 10.2 124307.0 -6138.5	3468 10.1 130018.0 -6120.5
3199 9.2 122053.5 -6121.1	3289 9.2 122739.5 -6125.5	3379 9.0 124343.5 -6142.6	3469 9.0 130031.5 -6130.6
3200 9.9 122057.5 -6103.5	3290 10.2 122743.0 -6142.8	3380 9.5 124417.5 -6137.8	3470 10.1 130042.0 -6128.4
3201 9.8 122109.5 -6129.1	3291 10.2 122750.0 -6137.7	3381 9.5 124446.2 -6159.9	3471 10.1 130052.0 -6152.7
3202 9.7 122111.0 -6157.3	3292 9.8 122755.0 -6107.3	3382 9.7 124501.0 -6141.6	3472 9.1 130107.0 -6126.8
3203 9.7 122114.5 -6129.5	3293 9.5 122759.5 -6108.7	3383 10.2 124531.0 -6102.9	3473 10.1 130114.5 -6144.8
3204 8.2 122118.5 -6104.2	3294 10.1 122804.0 -6108.5	3384 9.9 124540.5 -6121.0	3474 9.4 130134.5 -6132.9
3205 10.0 122120.0 -6100.1	3295 9.8 122819.5 -6137.9	3385 8.9 124630.0 -6105.6	3475 9.7 130141.5 -6142.9
3206 8.8 122120.5 -6107.0	3296 7.8 122823.5 -6103.1	3386 9.2 124644.5 -6157.7	3476 10.0 130210.0 -6141.5
3207 9.7 122128.0 -6123.9	3297 9.1 122827.0 -6140.1	3387 10.2 124644.5 -6155.0	3477 10.0 130212.5 -6122.5
3208 8.4 122128.0 -6122.9	3298 7.5 122827.5 -6109.1	3388 9.0 124652.0 -6107.4	3478 10.1 130217.0 -6100.2
3209 8.3 122129.0 -6106.3	3299 9.9 122829.5 -6145.7	3389 9.1 124702.0 -6108.6	3479 9.6 130217.5 -6145.9
3210 10.1 122131.5 -6142.1	3300 10.0 122834.0 -6112.1	3390 10.2 124711.0 -6130.2	3480 10.0 130228.5 -6141.8
3211 10.1 122139.0 -6121.5	3301 9.2 122834.5 -6123.6	3391 8.1 124728.0 -6152.7	3481 10.0 130232.0 -6101.5
3212 8.8 122139.0 -6109.7	3302 9.3 122838.5 -6124.3	3392 9.5 124759.5 -6110.4	3482 9.4 130234.0 -6133.8
3213 10.0 122141.5 -6128.1	3303 8.6 122842.5 -6109.1	3393 10.1 124801.5 -6156.9	3483 8.8 130237.5 -6109.9
3214 10.1 122148.0 -6123.9	3304 10.1 122843.0 -6120.5	3394 9.3 124818.5 -6156.4	3484 10.1 130242.5 -6147.9
3215 10.0 122151.0 -6157.5	3305 9.6 122845.5 -6148.2	3395 10.0 124829.5 -6146.1	3485 10.1 130302.0 -6142.4
3216 10.2 122153.5 -6105.9	3306 10.2 122856.0 -6111.6	3396 8.5 124841.5 -6104.6	3486 9.5 130304.0 -6108.9
3217 10.0 122154.5 -6152.8	3307 9.3 122920.5 -6126.9	3397 9.6 124937.5 -6142.6	3487 8.8 130305.0 -6125.1
3218 7.9 122157.0 -6110.7	3308 9.2 122924.0 -6132.7	3398 10.2 124953.0 -6149.8	3488 10.1 130306.0 -6123.8
3219 10.1 122201.0 -6109.2	3309 10.2 122933.0 -6128.4	3399 9.8 125049.0 -6148.1	3489 9.9 130317.0 -6149.4
3220 9.2 122207.0 -6146.5	3310 10.0 122942.0 -6135.5	3400 9.9 125124.5 -6152.1	3490 9.8 130333.5 -6128.8
3221 9.7 122219.5 -6123.3	3311 10.1 122953.5 -6126.6	3401 9.1 125141.5 -6136.7	3491 10.1 130334.0 -6156.1
3222 10.2 122224.0 -6145.1	3312 8.8 122953.5 -6158.5	3402 10.2 125147.5 -6141.6	3492 10.1 130341.5 -6133.8
3223 10.0 122229.5 -6122.3	3313 10.2 123008.0 -6140.5	3403 9.4 125152.5 -6157.4	3493 10.1 130343.5 -6128.8
3224 10.2 122230.0 -6144.9	3314 9.4 123037.0 -6137.9	3404 10.0 125153.0 -6131.4	3494 9.8 130344.5 -6110.8
3225 10.2 122242.0 -6136.5	3315 9.7 123055.5 -6100.0	3405 10.2 125204.5 -6101.9	3495 9.3 130349.0 -6141.2
3226 10.0 122250.5 -6127.4	3316 10.2 123102.5 -6111.4	3406 9.2 125229.2 -6144.6	3496 8.9 130351.5 -6137.8
3227 10.2 122259.5 -6120.9	3317 9.0 123105.0 -6107.1	3407 9.9 125238.3 -6147.8	3497 9.2 130356.0 -6134.1
3228 9.8 122302.0 -6112.7	3318 8.8 123138.5 -6120.6	3408 9.2 125243.5 -6147.7	3498 9.4 130430.0 -6153.6
3229 10.2 122302.5 -6109.2	3319 8.5 123148.5 -6150.4	3409 9.8 125254.3 -6154.2	3499 10.1 130435.0 -6153.3
3230 9.7 122314.5 -6147.5	3320 10.0 123149.5 -6106.2	3410 8.7 125259.3 -6159.3	3500 9.8 130440.0 -6115.7
3231 10.2 122321.5 -6149.3	3321 10.1 123151.0 -6129.1	3411 10.1 125300.5 -6107.3	3501 9.0 130442.0 -6121.7
3232 9.4 122322.5 -6153.7	3322 9.6 123151.5 -6126.5	3412 9.6 125310.5 -6154.6	3502 9.7 130443.5 -6145.4
3233 9.3 122324.5 -6119.4	3323 9.4 123151.5 -6105.3	3413 10.1 125323.0 -6155.7	3503 10.1 130445.5 -6124.5
3234 10.2 122325.5 -6103.4	3324 10.1 123202.0 -6107.3	3414 10.1 125335.5 -6144.7	3504 10.1 130448.5 -6102.5
3235 10.2 122326.5 -6116.1	3325 9.7 123206.5 -6106.3	3415 10.1 125349.5 -6151.1	3505 8.8 130513.0 -6151.7
3236 9.5 122331.0 -6111.1	3326 9.4 123224.0 -6134.7	3416 9.7 125352.5 -6122.0	3506 8.9 130514.5 -6113.6
3237 8.6 122332.0 -6107.7	3327 8.8 123224.5 -6144.7	3417 9.6 125403.7 -6129.6	3507 10.1 130527.0 -6132.0
3238 10.2 122334.0 -6147.3	3328 10.2 123229.0 -6127.5	3418 9.0 125405.3 -6148.4	3508 9.9 130529.5 -6109.6
3239 9.5 122336.5 -6105.9	3329 10.2 123247.5 -6108.7	3419 8.9 125405.5 -6130.4	3509 10.1 130536.0 -6101.1
3240 9.7 122343.0 -6118.2	3330 9.9 123248.5 -6103.3	3420 9.8 125407.0 -6123.7	3510 9.2 130537.0 -6100.7
3241 9.8 122351.5 -6116.5	3331 10.2 123249.0 -6117.9	3421 9.2 125412.0 -6109.5	3511 9.0 130540.0 -6102.8
3242 10.2 122352.0 -6105.1	3332 9.8 123300.0 -6147.8	3422 10.1 125429.5 -6116.0	3512 9.1 130542.0 -6155.9
3243 10.2 122357.5 -6122.3	3333 9.8 123313.0 -6104.5	3423 9.9 125444.0 -6149.1	3513 10.1 130546.0 -6115.5
3244 9.3 122401.0 -6159.0	3334 9.5 123313.5 -6128.5	3424 9.9 125444.3 -6113.0	3514 10.1 130559.0 -6107.7
3245 10.0 122402.5 -6146.6	3335 8.8 123319.5 -6118.5	3425 9.4 125447.0 -6152.1	3515 10.1 130602.0 -6159.9
3246 9.9 122410.5 -6157.0	3336 9.5 123320.5 -6102.5	3426 9.7 125448.5 -6109.9	3516 8.1 130602.5 -6159.4
3247 8.6 122411.5 -6113.1	3337 9.3 123327.8 -6102.7	3427 9.7 125503.5 -6133.5	3517 10.1 130608.0 -6102.7
3248 10.2 122414.0 -6114.3	3338 10.0 123331.0 -6152.8	3428 9.8 125511.0 -6133.9	3518 10.1 130610.5 -6139.2
3249 9.1 122414.2 -6158.9	3339 10.2 123336.0 -6151.1	3429 10.1 125512.0 -6111.7	3519 9.2 130619.0 -6128.6
3250 10.1 122419.5 -6116.5	3340 9.0 123338.0 -6118.1	3430 9.8 125520.5 -6147.7	3520 10.1 130620.5 -6103.3
3251 10.2 122423.0 -6117.1	3341 9.1 123342.5 -6138.9	3431 9.7 125528.5 -6111.7	3521 9.5 130624.5 -6132.9
3252 10.0 122426.0 -6113.3	3342 9.9 123352.5 -6100.9	3432 9.3 125540.5 -6136.9	3522 10.1 130646.5 -6159.0
3253 10.2 122436.0 -6117.3	3343 9.6 123358.0 -6145.7	3433 10.0 125552.5 -6144.7	3523 9.8 130650.5 -6105.5
3254 10.0 122437.0 -6103.3	3344 10.2 123420.0 -6133.3	3434 9.8 125603.0 -6123.7	3524 9.0 130652.5 -6121.8
3255 9.2 122448.0 -6132.5	3345 10.1 123441.5 -6104.3	3435 10.1 125623.0 -6143.5	3525 10.1 130654.5 -6116.5
3256 8.8 122453.0 -6108.2	3346 10.2 123447.0 -6132.8	3436 10.1 125645.5 -6135.4	3526 9.1 130656.5 -6133.8
3257 10.2 122500.0 -6118.3	3347 10.2 123502.5 -6105.9	3437 9.6 125648.0 -6143.3	3527 9.4 130702.5 -6134.9
3258 9.2 122502.0 -6100.8	3348 10.2 123504.0 -6132.9	3438 9.3 125652.0 -6100.0	3528 9.8 130705.0 -6151.9
3259 10.2 122504.5 -6100.0	3349 9.9 123522.5 -6120.3	3439 8.6 125652.0 -6102.3	3529 9.2 130707.0 -6129.0
3260 9.8 122507.0 -6154.5	3350 10.1 123534.0 -6107.5	3440 9.6 125653.0 -6113.0	3530 9.7 130717.5 -6117.6
3261 9.0 122511.5 -6148.5	3351 10.1 123617.5 -6103.2	3441 9.8 125720.5 -6154.7	3531 9.8 130719.0 -6127.9
3262 9.4 122511.5 -6102.9	3352 9.2 123653.5 -6148.2	3442 9.8 125723.0 -6104.1	3532 8.9 130729.5 -6143.4
3263 8.4 122515.5 -6102.3	3353 9.4 123734.0 -6104.2	3443 10.1 125759.5 -6136.2	3533 9.8 130729.5 -6130.7
3264 10.1 122521.5 -6101.2	3354 10.0 123737.5 -6149.9	3444 10.1 125810.0 -6137.0	3534 10.1 130733.5 -6108.4
3265 9.1 122523.0 -6116.9	3355 9.0 123737.5 -6131.7	3445 9.0 125811.5 -6133.9	3535 8.8 130740.5 -6123.7
3266 10.2 122534.0 -6129.8	3356 8.6 123754.0 -6132.0	3446 9.2 125827.0 -6113.3	3536 9.4 130740.5 -6101.7
3267 9.6 122540.5 -6101.0	3357 9.4 123801.5 -6143.6	3447 10.1 125836.0 -6145.7	3537 10.1 130743.0 -6116.8
3268 9.9 122544.5 -6105.5	3358 9.3 123805.5 -6105.7	3448 10.1 125843.5 -6132.1	3538 9.8 130745.5 -6110.0
3269 8.8 122546.5 -6111.1	3359 9.1 123818.5 -6130.3	3449 9.2 125851.5 -6116.9	3539 9.0 130746.0 -6112.1
3270 9.4 122547.5 -6112.8	3360 9.2 123821.5 -6124.1	3450 9.4 125852.0 -6111.3	3540 9.4 130748.0 -6119.6
3271 9.7 122548.5 -6111.6	3361 9.5 123829.5 -6122.6	3451 9.0 125902.5 -6126.4	3541 9.8 130750.5 -6116.7
3272 9.2 122554.0 -6126.1	3362 10.2 123846.5 -6131.5	3452 9.2 125902.5 -6106.8	3542 9.8 130756.0 -6138.4
3273 10.2 122609.5 -6134.5	3363 8.8 123856.5 -6137.0	3453 9.8 125905.0 -6143.3	3543 10.1 130757.5 -6128.1
3274 9.8 122616.5 -6137.5	3364 9.9 123904.5 -6137.2	3454 9.0 125906.0 -6116.4	3544 8.1 130803.0 -6155.4
3275 10.0 122617.5 -6100.0	3365 9.2 123915.0 -6139.6	3455 10.1 125908.5 -6113.6	3545 9.0 130810.5 -6139.4
3276 9.8 122617.5 -6127.3	3366 10.2 123921.5 -6122.5	3456 9.9 125920.0 -6122.8	3546 9.0 130816.5 -6106.0
3277 10.2 122622.0 -6137.9	3367 9.0 124001.5 -6151.6	3457 9.8 125920.0 -6148.5	3547 10.0 130817.0 -6115.0
3278 9.2 122623.5 -6126.3	3368 10.2 124018.5 -6115.4	3458 10.1 125923.5 -6142.0	3548 10.0 130819.5 -6106.8
3279 9.6 122626.0 -6118.4	3369 9.4 124035.0 -6119.6	3459 10.1 125933.0 -6148.1	3549 9.7 130823.5 -6153.8
3280 9.9 122628.5 -6112.3	3370 9.9 124052.0 -6126.2	3460 10.1 125935.5 -6126.8	3550 9.6 130826.5 -6125.8
3281 9.8 122632.0 -6114.5	3371 9.1 124055.0 -6129.3	3461 9.8 125937.0 -6126.8	3551 9.4 130836.0 -6133.0
3282 10.1 122650.5 -6115.7	3372 10.0 124117.5 -6102.9	3462 9.0 125943.0 -6142.1	3552 8.9 130854.0 -6108.6
3283 8.7 122651.5 -6104.8	3373 10.1 124140.0 -6105.5	3463 9.4 125947.0 -6144.7	3553 9.8 130856.0 -6123.8
3284 9.4 122658.0 -6147.3	3374 9.2 124204.0 -6150.8	3464 9.0 125948.0 -6104.1	3554 9.9 130902.5 -6153.9
3285 9.8 122705.0 -6122.5	3375 9.5 124241.5 -6145.8	3465 9.4 125956.0 -6119.6	3555 10.0 130904.0 -6112.5
3286 9.4 122722.5 -6159.4	3376 8.4 124245.0 -6157.6	3466 9.6 130002.0 -6120.2	3556 9.9 130905.5 -6104.1

-61 3557 13h09m

3557	9.7	130909.0	-6143.6
3558	9.4	130910.0	-6157.8
3559	9.5	130913.5	-6147.8
3560	9.5	130916.0	-6146.8
3561	9.8	130916.0	-6114.1
3562	10.0	130921.5	-6153.5
3563	10.1	130924.5	-6138.1
3564	10.1	130933.5	-6135.6
3565	10.1	130934.5	-6159.9
3566	9.0	130941.0	-6147.6
3567	10.0	130949.5	-6111.7
3568	8.9	130953.5	-6147.7
3569	9.8	130959.0	-6117.2
3570	10.1	131000.5	-6150.8
3571	9.1	131008.0	-6127.7
3572	10.1	131019.0	-6123.7
3573	8.7	131019.5	-6133.4
3574	10.1	131020.0	-6123.7
3575	8.4	131030.5	-6149.8
3576	9.0	131033.5	-6152.2
3577	9.8	131035.5	-6141.1
3578	9.0	131036.0	-6118.1
3579	9.3	131037.0	-6151.2
3580	10.1	131040.5	-6151.2
3581	9.2	131040.5	-6150.5
3582	10.0	131041.0	-6120.4
3583	10.1	131043.0	-6151.4
3584	9.6	131043.5	-6100.9
3585	9.0	131053.5	-6143.3
3586	9.2	131057.5	-6114.0
3587	9.5	131058.5	-6154.7
3588	10.1	131100.5	-6111.8
3589	9.8	131102.5	-6139.9
3590	10.0	131102.5	-6126.4
3591	10.1	131108.0	-6116.0
3592	10.0	131111.0	-6106.9
3593	9.8	131113.5	-6158.3
3594	10.1	131116.0	-6118.2
3595	10.1	131123.0	-6108.7
3596	9.4	131124.5	-6133.6
3597	9.2	131126.0	-6100.9
3598	9.4	131126.5	-6159.3
3599	9.6	131136.0	-6140.0
3600	8.0	131146.0	-6118.6
3601	10.1	131149.5	-6103.4
3602	9.5	131152.5	-6142.9
3603	8.6	131153.5	-6122.3
3604	8.5	131154.5	-6152.1
3605	9.1	131158.5	-6105.5
3606	10.1	131158.5	-6120.0
3607	9.8	131201.5	-6108.0
3608	8.6	131208.0	-6120.8
3609	10.1	131216.5	-6148.8
3610	9.8	131220.0	-6106.9
3611	10.1	131221.5	-6120.1
3612	10.1	131227.0	-6141.9
3613	9.4	131234.0	-6143.3
3614	9.4	131235.0	-6125.9
3615	8.6	131243.0	-6120.7
3616	9.2	131246.0	-6104.9
3617	10.1	131257.5	-6143.9
3618	9.6	131300.5	-6131.9
3619	9.8	131304.5	-6150.9
3620	9.8	131310.0	-6123.9
3621	10.1	131322.5	-6108.8
3622	10.1	131322.5	-6125.1
3623	9.4	131324.5	-6159.9
3624	9.0	131331.0	-6123.1
3625	9.9	131343.0	-6151.9
3626	9.8	131343.5	-6117.7
3627	10.1	131348.0	-6145.5
3628	10.1	131349.5	-6104.2
3629	10.1	131357.5	-6144.8
3630	9.9	131406.0	-6126.9
3631	9.8	131411.5	-6153.2
3632	9.6	131413.0	-6149.8
3633	9.8	131424.0	-6131.2
3634	9.8	131431.0	-6131.9
3635	9.6	131431.5	-6155.9
3636	9.6	131435.5	-6152.5
3637	9.4	131446.5	-6114.1
3638	8.4	131447.0	-6121.4
3639	9.6	131451.5	-6147.2
3640	9.2	131455.0	-6157.9
3641	10.1	131457.5	-6103.8
3642	10.1	131458.5	-6154.9
3643	9.0	131459.5	-6112.0
3644	10.1	131502.5	-6125.8
3645	10.1	131505.0	-6129.3
3646	10.0	131509.5	-6153.6
3647	10.1	131510.5	-6141.0
3648	9.7	131512.5	-6157.2
3649	9.2	131518.0	-6107.0
3650	9.8	131528.5	-6113.0
3651	9.8	131543.0	-6114.9
3652	10.1	131544.5	-6125.8
3653	10.0	131548.5	-6134.2
3654	9.7	131601.0	-6112.9
3655	10.0	131602.5	-6117.2
3656	10.0	131603.5	-6147.8
3657	10.1	131603.5	-6154.8
3658	9.7	131603.7	-6136.3
3659	8.9	131608.5	-6155.9
3660	9.6	131610.5	-6150.3
3661	10.0	131611.0	-6152.8
3662	10.1	131618.0	-6108.5
3663	10.1	131622.0	-6119.8
3664	10.0	131625.5	-6148.0
3665	10.1	131628.0	-6103.5
3666	9.5	131628.5	-6139.3
3667	9.2	131628.5	-6138.0
3668	9.7	131630.0	-6155.8
3669	8.8	131632.5	-6142.2
3670	9.8	131637.0	-6149.5
3671	9.8	131638.5	-6142.1
3672	9.8	131640.0	-6155.4
3673	9.4	131642.0	-6155.9
3674	9.9	131643.0	-6142.9
3675	9.4	131644.0	-6155.1
3676	10.1	131645.5	-6103.0
3677	9.7	131647.0	-6120.0
3678	9.2	131702.0	-6153.8
3679	9.8	131703.0	-6158.6
3680	10.1	131710.5	-6101.3
3681	9.8	131711.5	-6122.1
3682	8.4	131717.0	-6102.7
3683	10.0	131718.0	-6144.9
3684	9.8	131736.0	-6125.0
3685	10.0	131743.0	-6137.6
3686	8.8	131750.0	-6145.0
3687	9.9	131752.0	-6153.0
3688	8.4	131754.0	-6154.6
3689	9.2	131756.0	-6141.8
3690	10.1	131758.5	-6125.0
3691	10.1	131803.5	-6123.8
3692	9.6	131814.5	-6124.1
3693	9.8	131821.5	-6139.9
3694	10.1	131825.5	-6121.4
3695	9.6	131829.5	-6143.6
3696	10.1	131831.0	-6127.0
3697	9.8	131840.5	-6143.7
3698	10.1	131841.0	-6125.8
3699	9.8	131846.5	-6143.9
3700	10.0	131848.5	-6144.6
3701	10.1	131855.0	-6119.7
3702	9.4	131908.0	-6133.0
3703	10.0	131910.0	-6141.9
3704	9.0	131910.5	-6113.5
3705	10.1	131916.0	-6139.0
3706	9.0	131921.0	-6128.1
3707	9.8	131921.0	-6139.1
3708	10.0	131921.0	-6157.0
3709	9.2	131923.5	-6123.2
3710	9.2	131931.0	-6138.3
3711	9.8	131932.5	-6123.3
3712	9.9	131939.5	-6140.3
3713	10.0	131942.0	-6140.6
3714	9.6	131942.0	-6114.5
3715	9.8	131945.0	-6129.8
3716	10.0	131946.0	-6143.0
3717	10.1	131949.5	-6103.9
3718	9.2	131950.5	-6129.4
3719	10.1	131953.0	-6106.9
3720	9.8	131956.0	-6112.9
3721	9.2	131956.5	-6140.0
3722	9.2	132000.0	-6106.9
3723	10.1	132003.0	-6103.8
3724	9.0	132006.0	-6102.9
3725	9.4	132008.5	-6131.7
3726	9.4	132010.5	-6144.9
3727	9.4	132013.5	-6147.7
3728	10.1	132015.5	-6132.4
3729	9.2	132020.5	-6140.8
3730	9.8	132022.0	-6131.0
3731	9.7	132023.5	-6111.0
3732	8.3	132038.5	-6127.2
3733	10.1	132039.5	-6127.8
3734	10.0	132046.0	-6153.8
3735	9.4	132059.0	-6143.0
3736	9.0	132105.0	-6123.3

-61 3916 13h33m

3737	9.7	132110.5	-6137.2
3738	10.1	132112.5	-6112.4
3739	10.0	132114.5	-6108.5
3740	9.6	132122.5	-6101.4
3741	9.0	132139.0	-6146.1
3742	9.6	132144.5	-6138.8
3743	9.8	132144.5	-6123.2
3744	9.7	132152.0	-6103.2
3745	9.2	132152.5	-6131.4
3746	9.0	132159.0	-6141.9
3747	9.1	132202.5	-6145.9
3748	9.2	132208.5	-6105.9
3749	9.8	132209.5	-6141.8
3750	9.3	132210.5	-6154.9
3751	8.9	132218.5	-6129.8
3752	8.9	132232.5	-6106.5
3753	9.6	132234.5	-6125.9
3754	9.9	132234.5	-6156.9
3755	10.1	132235.5	-6131.0
3756	9.8	132236.0	-6129.0
3757	10.0	132247.2	-6159.1
3758	10.1	132251.5	-6123.5
3759	9.6	132252.5	-6110.1
3760	8.9	132258.5	-6105.1
3761	10.1	132302.5	-6140.8
3762	9.6	132318.0	-6139.9
3763	9.8	132342.0	-6121.8
3764	9.9	132343.5	-6120.9
3765	9.8	132346.0	-6123.8
3766	10.1	132347.5	-6128.2
3767	9.9	132350.0	-6131.9
3768	9.7	132353.5	-6134.8
3769	9.4	132354.0	-6120.7
3770	9.4	132354.5	-6130.8
3771	10.1	132355.5	-6142.2
3772	9.4	132359.0	-6143.1
3773	8.8	132400.5	-6124.7
3774	10.0	132401.0	-6103.5
3775	10.1	132401.0	-6107.6
3776	10.0	132406.0	-6110.6
3777	8.1	132410.5	-6141.9
3778	10.1	132411.5	-6112.0
3779	10.1	132421.0	-6147.8
3780	10.1	132422.5	-6119.6
3781	9.8	132429.0	-6107.0
3782	9.9	132429.5	-6152.2
3783	8.8	132435.5	-6127.4
3784	10.1	132439.5	-6137.7
3785	10.1	132440.5	-6138.6
3786	8.8	132441.0	-6144.5
3787	9.7	132444.0	-6 42.6
3788	10.1	132444.5	-6132.4
3789	10.1	132501.0	-6114.0
3790	9.1	132506.0	-6157.2
3791	9.6	132506.5	-6140.3
3792	10.1	132510.0	-6156.9
3793	8.6	132513.0	-6140.4
3794	8.9	132516.0	-6106.1
3795	10.1	132520.5	-6153.9
3796	8.8	132526.5	-6111.3
3797	8.9	132527.0	-6107.5
3798	9.7	132527.5	-6102.8
3799	10.1	132538.5	-6129.8
3800	9.2	132538.5	-6111.2
3801	10.0	132542.5	-6154.5
3802	9.8	132545.5	-6159.2
3803	9.1	132547.5	-6146.4
3804	9.4	132548.5	-6145.6
3805	10.1	132550.5	-6121.0
3806	9.8	132553.5	-6115.0
3807	9.2	132601.0	-6130.5
3808	10.0	132604.5	-6142.9
3809	9.8	132614.5	-6155.9
3810	9.8	132616.0	-6135.1
3811	9.0	132623.0	-6108.9
3812	9.7	132623.5	-6123.8
3813	9.6	132626.0	-6156.8
3814	10.1	132630.0	-6124.1
3815	9.6	132631.0	-6123.8
3816	9.6	132631.5	-6122.2
3817	9.2	132637.0	-6119.8
3818	10.1	132639.0	-6111.9
3819	8.0	132643.5	-6159.2
3820	9.6	132701.0	-6121.7
3821	8.4	132703.0	-6118.7
3822	9.6	132712.0	-6153.4
3823	10.1	132714.5	-6157.1
3824	9.2	132715.5	-6115.9
3825	8.3	132716.0	-6113.6
3826	9.8	132723.5	-6136.9
3827	9.7	132739.5	-6109.0
3828	10.1	132743.5	-6110.9
3829	9.6	132757.0	-6144.5
3830	8.5	132806.0	-6142.2
3831	8.6	132809.0	-6107.1
3832	10.0	132814.5	-6145.7
3833	10.1	132821.0	-6100.2
3834	10.1	132830.5	-6155.7
3835	9.3	132834.0	-6105.1
3836	10.1	132835.0	-6114.0
3837	10.1	132835.0	-6106.8
3838	10.0	132835.5	-6154.6
3839	9.2	132842.5	-6148.9
3840	9.9	132842.5	-6125.0
3841	7.1	132844.7	-6102.9
3842	9.7	132849.5	-6156.0
3843	9.4	132853.0	-6100.2
3844	9.2	132911.5	-6143.7
3845	9.8	132919.0	-6118.8
3846	10.1	132922.0	-6154.2
3847	9.1	132923.5	-6105.8
3848	9.5	132931.7	-6122.0
3849	10.1	132933.0	-6144.0
3850	9.6	132934.8	-6103.7
3851	10.1	132936.5	-6115.0
3852	10.0	132949.0	-6124.6
3853	10.0	132950.3	-6112.3
3854	9.0	132953.2	-6126.4
3855	9.8	132959.5	-6116.3
3856	10.3	133000.0	-6125.6
3857	9.8	133001.0	-6107.2
3858	9.6	133007.3	-6153.4
3859	9.7	133009.0	-6134.0
3860	9.0	133013.0	-6106.1
3861	9.7	133014.0	-6137.5
3862	10.1	133018.0	-6138.0
3863	9.2	133025.3	-6123.9
3864	10.1	133028.5	-6105.9
3865	9.8	133038.0	-6119.5
3866	9.6	133047.5	-6104.1
3867	9.3	133048.0	-6105.3
3868	9.4	133050.0	-6117.5
3869	10.1	133055.0	-6100.4
3870	10.0	133058.0	-6117.4
3871	9.4	133059.0	-6132.2
3872	10.0	133100.0	-6153.9
3873	10.1	133107.0	-6150.4
3874	10.0	133107.0	-6149.1
3875	10.0	133110.0	-6155.5
3876	10.1	133115.0	-6150.1
3877	9.0	133116.5	-6106.1
3878	10.1	133118.0	-6148.0
3879	9.0	133120.5	-6151.3
3880	10.1	133121.0	-6150.1
3881	10.0	133122.0	-6148.7
3882	9.8	133126.5	-6106.6
3883	9.8	133139.5	-6129.9
3884	10.1	133140.0	-6147.8
3885	10.0	133143.0	-6129.2
3886	9.9	133143.5	-6138.1
3887	9.0	133149.5	-6147.2
3888	10.0	133157.0	-6141.2
3889	10.0	133202.0	-6107.0
3890	9.8	133206.5	-6134.5
3891	9.8	133211.0	-6130.1
3892	10.1	133212.0	-6133.9
3893	9.7	133212.0	-6108.4
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3901	9.7	133237.0	-6121.1
3902	9.1	133250.0	-6154.3
3903	10.1	133251.5	-6134.0
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3905	10.1	133252.5	-6101.7
3906	9.0	133256.5	-6114.0
3907	10.1	133302.0	-6133.3
3908	10.1	133303.0	-6116.0
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-61 4277 13h53m

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4374	9.4	140058.5	-6109.5	
4375	10.1	140103.5	-6119.0	
4376	8.8	140106.5	-6146.9	
4377	9.7	140109.5	-6130.0	
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4379	9.7	140121.5	-6136.9	
4380	9.8	140129.0	-6130.9	
4381	10.1	140130.5	-6130.5	
4382	8.0	140133.5	-6153.1	
4383	9.5	140136.5	-6146.5	
4384	10.0	140137.0	-6116.9	
4385	9.2	140140.5	-6143.9	
4386	8.7	140141.5	-6150.1	
4387	9.0	140149.0	-6145.7	
4388	9.6	140150.0	-6133.6	
4389	8.8	140150.5	-6147.9	
4390	9.5	140159.0	-6103.9	
4391	10.0	140159.5	-6124.1	
4392	8.8	140204.5	-6101.8	
4393	10.0	140207.5	-6125.8	
4394	8.8	140207.5	-6104.5	
4395	10.1	140211.5	-6135.0	
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4397	9.9	140218.0	-6133.1	
4398	9.0	140218.0	-6141.9	
4399	10.1	140218.5	-6131.8	
4400	9.7	140225.5	-6152.5	
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4403	7.9	140240.5	-6126.0	
4404	9.6	140241.5	-6130.9	
4405	9.8	140251.0	-6140.9	
4406	9.8	140256.0	-6146.6	
4407	9.6	140258.0	-6126.1	
4408	10.1	140258.0	-6139.5	
4409	10.0	140301.5	-6121.5	
4410	10.0	140308.5	-6111.1	
4411	9.8	140323.0	-6137.9	
4412	10.1	140340.5	-6132.0	
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4414	9.8	140342.5	-6131.9	
4415	9.6	140403.5	-6153.9	
4416	9.7	140411.5	-6120.5	
4417	10.1	140423.0	-6108.1	
4418	8.6	140427.5	-6154.2	
4419	10.0	140436.5	-6153.9	
4420	9.0	140443.5	-6133.5	
4421	8.8	140451.5	-6138.5	
4422	8.8	140459.5	-6117.7	
4423	10.0	140503.5	-6106.3	
4424	10.0	140503.5	-6128.1	
4425	10.0	140518.5	-6136.3	
4426	9.0	140524.0	-6124.1	
4427	8.9	140524.0	-6112.8	
4428	10.1	140530.5	-6132.4	
4429	9.2	140549.3	-6117.0	
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4431	7.8	140551.7	-6107.4	
4432	10.3	140556.0	-6126.5	
4433	8.4	140557.0	-6104.1	
4434	8.6	140557.0	-6119.9	
4435	9.8	140557.8	-6103.7	
4436	10.1	140600.5	-6155.9	
4437	9.7	140607.5	-6147.8	
4438	10.3	140609.5	-6107.5	
4439	10.2	140612.0	-6131.3	
4440	9.9	140620.0	-6112.5	
4441	9.8	140624.0	-6103.9	
4442	10.0	140626.0	-6115.9	
4443	8.9	140626.0	-6137.5	
4444	10.0	140626.5	-6123.5	
4445	8.4	140642.5	-6154.3	
4446	10.3	140643.5	-6157.6	
4447	10.3	140651.0	-6155.0	
4448	10.2	140654.0	-6126.5	
4449	9.6	140656.0	-6104.2	
4450	8.6	140659.5	-6153.7	
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4452	10.3	140707.5	-6102.7	
4453	9.5	140719.5	-6132.5	
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4455	10.0	140723.0	-6103.5	
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4457	8.6	140733.5	-6146.4	
4458	10.2	140811.5	-6136.3	
4459	9.9	140812.0	-6103.5	
4460	9.8	140817.0	-6104.5	
4461	10.0	140821.0	-6137.4	
4462	9.0	140821.5	-6133.6	
4463	10.2	140826.5	-6104.1	
4464	9.7	140827.0	-6105.1	
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4466	10.0	140838.0	-6144.1	
4467	8.8	140848.0	-6144.0	
4468	8.7	140908.0	-6133.6	
4469	9.4	140911.5	-6137.3	
4470	10.2	140918.0	-6142.6	
4471	10.2	140924.5	-6117.2	
4472	9.7	140927.5	-6148.4	
4473	9.7	140928.5	-6139.9	
4474	9.7	140953.5	-6147.6	
4475	9.5	141001.5	-6109.9	
4476	10.2	141017.5	-6115.3	
4477	10.3	141039.0	-6154.5	
4478	10.2	141042.0	-6135.2	
4479	10.0	141055.0	-6133.5	
4480	8.9	141102.0	-6150.4	
4481	10.2	141107.0	-6111.6	
4482	9.4	141119.0	-6134.0	
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4487	10.2	141155.5	-6124.2	
4488	10.0	141156.5	-6143.6	
4489	9.7	141159.5	-6144.6	
4490	8.5	141203.5	-6104.4	
4491	9.7	141218.5	-6130.3	
4492	9.2	141220.0	-6102.9	
4493	10.3	141230.5	-6148.0	
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4495	9.8	141245.0	-6111.2	
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4497	9.4	141251.0	-6125.6	
4498	8.8	141254.0	-6150.2	
4499	9.7	141258.5	-6158.4	
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4503	10.2	141347.5	-6114.5	
4504	10.0	141353.0	-6140.6	
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4510	10.2	141433.0	-6131.2	
4511	10.3	141436.0	-6121.8	
4512	10.3	141437.0	-6100.7	
4513	10.3	141444.0	-6123.7	
4514	9.2	141446.0	-6112.3	
4515	10.3	141452.0	-6159.1	
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4517	9.0	141457.5	-6136.7	
4518	10.2	141458.5	-6153.3	
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4527	10.2	141553.0	-6109.0	
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4542	8.9	141749.0	-6129.7	
4543	9.9	141750.5	-6131.7	
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4546	9.7	141800.5	-6150.7	

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4548	9.2	141807.0	-6133.3	
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4550	10.2	141828.0	-6130.3	
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4556	8.2	141908.0	-6138.7	
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4566	9.2	142037.5	-6143.7	
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4582	10.2	142219.0	-6124.9	
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4591	10.3	142317.0	-6106.8	
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4593	9.4	142320.0	-6146.7	
4594	10.0	142329.0	-6120.1	
4595	9.5	142356.0	-6141.7	
4596	10.2	142357.0	-6128.7	
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4598	10.3	142359.0	-6126.0	
4599	10.2	142402.0	-6136.8	
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4603	9.4	142430.0	-6108.4	
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4608	10.2	142507.5	-6142.8	
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4611	9.2	142515.5	-6119.8	
4612	8.2	142523.5	-6116.4	
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4620	10.3	142558.0	-6106.9	
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4622	9.2	142605.0	-6142.0	
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4624	9.6	142613.0	-6138.2	
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4626	9.0	142630.5	-6118.8	
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4629	9.7	142657.0	-6108.1	
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4631	9.9	142705.0	-6154.4	
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4637	10.2	142726.0	-6141.3	4727	10.3	144015.0	-6148.1	4817	9.6	145608.0	-6137.9
4638	10.2	142729.5	-6154.8	4728	9.7	144027.0	-6107.1	4818	9.2	145609.0	-6137.0
4639	10.2	142731.5	-6107.8	4729	10.3	144029.0	-6119.4	4819	9.7	145612.0	-6111.3
4640	10.0	142731.5	-6100.0	4730	10.3	144041.0	-6108.3	4820	9.6	145613.5	-6141.8
4641	10.0	142732.5	-6115.8	4731	8.6	144051.2	-6139.4	4821	9.6	145616.0	-6133.0
4642	7.8	142736.5	-6127.7	4732	9.6	144103.0	-6101.7	4822	9.0	145620.5	-6138.7
4643	9.2	142746.5	-6132.8	4733	9.4	144104.0	-6114.0	4823	9.6	145622.0	-6106.7
4644	8.2	142746.5	-6108.8	4734	10.2	144104.0	-6148.9	4824	9.9	145631.5	-6124.9
4645	9.9	142758.0	-6112.8	4735	9.0	144113.2	-6124.7	4825	8.9	145633.5	-6154.7
4646	10.0	142802.5	-6116.6	4736	9.7	144122.0	-6145.9	4826	9.9	145639.5	-6151.4
4647	10.2	142820.0	-6128.8	4737	9.4	144128.2	-6102.1	4827	8.7	145640.5	-6156.8
4648	10.2	142820.8	-6116.2	4738	8.6	144135.2	-6102.8	4828	9.8	145650.0	-6118.6
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4650	9.7	142841.0	-6131.1	4740	9.1	144159.7	-6136.0	4830	9.2	145713.5	-6112.6
4651	10.2	142847.0	-6135.6	4741	9.9	144201.5	-6144.7	4831	9.4	145732.5	-6119.6
4652	10.2	142848.8	-6106.3	4742	9.5	144202.7	-6156.3	4832	9.6	145800.5	-6132.5
4653	10.3	142855.0	-6136.4	4743	9.7	144223.5	-6107.8	4833	9.2	145823.0	-6130.4
4654	10.2	142857.8	-6143.0	4744	8.1	144248.0	-6103.1	4834	9.7	145829.5	-6104.9
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4656	10.2	142906.8	-6137.8	4746	8.7	144312.5	-6153.3	4836	9.9	145838.0	-6149.2
4657	9.3	142928.0	-6129.7	4747	9.9	144327.0	-6102.7	4837	6.8	145840.5	-6108.9
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4659	9.4	142958.0	-6126.4	4749	8.3	144339.5	-6150.4	4839	9.7	145903.0	-6149.6
4660	10.0	143021.0	-6137.0	4750	8.8	144343.0	-6132.6	4840	8.9	145934.5	-6130.8
4661	9.7	143025.5	-6150.4	4751	9.8	144351.7	-6138.3	4841	8.9	145936.0	-6100.3
4662	10.0	143031.0	-6131.8	4752	9.7	144354.5	-6104.4	4842	9.5	145954.0	-6117.1
4663	8.6	143120.0	-6124.4	4753	9.5	144356.0	-6148.5	4843	9.4	150004.5	-6118.5
4664	10.3	143122.0	-6105.9	4754	9.9	144359.5	-6147.8	4844	8.0	150019.0	-6142.7
4665	8.9	143142.5	-6158.0	4755	9.8	144406.5	-6109.9	4845	9.8	150032.0	-6112.3
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4667	9.7	143207.5	-6154.2	4757	9.2	144418.5	-6137.2	4847	9.4	150122.0	-6121.6
4668	9.0	143217.5	-6113.3	4758	9.4	144425.5	-6126.4	4848	9.9	150126.0	-6119.2
4669	9.4	143222.0	-6130.9	4759	8.7	144449.5	-6128.8	4849	9.4	150129.0	-6125.6
4670	10.0	143224.5	-6129.8	4760	7.5	144513.0	-6121.4	4850	9.8	150146.5	-6104.3
4671	9.7	143230.0	-6124.6	4761	9.4	144516.0	-6123.6	4851	9.8	150155.5	-6124.8
4672	9.6	143258.5	-6110.0	4762	9.1	144525.0	-6103.9	4852	9.6	150214.5	-6132.0
4673	9.5	143320.0	-6110.2	4763	9.4	144525.5	-6120.7	4853	9.4	150236.0	-6141.9
4674	7.4	143320.5	-6140.1	4764	9.7	144603.0	-6110.9	4854	9.1	150250.0	-6110.2
4675	9.3	143331.5	-6142.5	4765	9.2	144609.5	-6151.9	4855	9.4	150252.0	-6132.9
4676	9.0	143359.0	-6120.5	4766	9.6	144619.5	-6138.1	4856	8.6	150252.0	-6116.0
4677	9.8	143436.0	-6111.9	4767	9.6	144637.5	-6130.1	4857	9.6	150256.5	-6154.7
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4679	8.6	143450.5	-6123.7	4769	9.2	144643.0	-6119.9	4859	9.8	150319.0	-6128.8
4680	10.2	143451.5	-6120.1	4770	9.7	144652.5	-6132.9	4860	9.8	150324.0	-6111.0
4681	8.3	143500.0	-6139.9	4771	9.4	144654.7	-6113.8	4861	9.8	150330.0	-6128.2
4682	10.3	143500.0	-6110.7	4772	9.4	144711.0	-6117.7	4862	9.9	150406.5	-6155.0
4683	10.3	143501.5	-6111.9	4773	9.9	144747.0	-6139.7	4863	9.1	150418.0	-6128.8
4684	9.8	143505.0	-6147.9	4774	9.4	144756.5	-6136.0	4864	9.7	150429.0	-6107.6
4685	9.6	143505.5	-6147.3	4775	8.9	144811.5	-6141.8	4865	9.0	150451.5	-6150.7
4686	9.8	143507.5	-6113.2	4776	9.4	144814.0	-6119.8	4866	9.4	150517.5	-6145.3
4687	10.2	143511.0	-6117.7	4777	9.6	144824.0	-6126.0	4867	9.9	150532.0	-6134.2
4688	10.0	143513.5	-6128.0	4778	8.9	144824.0	-6120.8	4868	8.4	150533.5	-6118.4
4689	10.3	143523.5	-6110.5	4779	9.2	144857.5	-6157.2	4869	9.9	150537.0	-6134.1
4690	10.2	143527.0	-6110.9	4780	9.2	144912.0	-6136.9	4870	9.6	150538.5	-6108.1
4691	8.9	143537.0	-6120.0	4781	8.9	144923.0	-6116.6	4871	9.4	150543.5	-6123.8
4692	9.2	143543.5	-6135.5	4782	9.9	144941.5	-6140.2	4872	8.9	150548.5	-6154.4
4693	10.3	143547.5	-6134.7	4783	9.6	144955.0	-6148.0	4873	9.4	150550.0	-6150.1
4694	8.9	143549.5	-6130.1	4784	9.4	144959.4	-6100.9	4874	9.9	150555.5	-6125.0
4695	10.2	143556.5	-6110.5	4785	9.9	145013.0	-6116.9	4875	7.5	150603.0	-6153.7
4696	9.8	143618.5	-6137.6	4786	9.7	145052.5	-6142.1	4876	9.4	150603.5	-6139.3
4697	10.3	143623.5	-6132.7	4787	9.7	145055.0	-6127.9	4877	8.9	150607.5	-6134.0
4698	10.2	143639.5	-6119.5	4788	9.4	145104.5	-6125.9	4878	9.6	150718.0	-6145.5
4699	10.2	143640.0	-6101.1	4789	8.8	145107.5	-6109.9	4879	8.9	150718.0	-6103.8
4700	8.7	143649.0	-6118.2	4790	9.8	145129.5	-6133.6	4880	9.7	150720.0	-6102.1
4701	10.2	143652.8	-6156.9	4791	9.6	145159.0	-6106.7	4881	9.2	150721.5	-6137.3
4702	10.3	143708.5	-6153.9	4792	9.7	145205.8	-6157.7	4882	9.2	150739.0	-6101.7
4703	9.7	143709.0	-6147.7	4793	9.2	145210.5	-6100.1	4883	9.9	150749.0	-6142.3
4704	9.8	143729.5	-6104.9	4794	8.9	145213.0	-6122.6	4884	9.0	150753.0	-6144.2
4705	9.2	143739.5	-6115.9	4795	9.8	145223.7	-6133.4	4885	8.6	150755.5	-6155.0
4706	10.3	143745.0	-6119.3	4796	9.6	145225.5	-6113.6	4886	9.9	150757.0	-6110.1
4707	9.4	143800.0	-6114.5	4797	8.7	145231.5	-6107.8	4887	9.9	150804.0	-6139.0
4708	8.6	143804.5	-6103.7	4798	9.7	145240.0	-6130.3	4888	9.2	150806.0	-6121.5
4709	9.0	143822.5	-6127.7	4799	9.8	145240.7	-6101.1	4889	9.0	150809.5	-6125.0
4710	10.2	143841.0	-6103.5	4800	9.4	145242.0	-6109.8	4890	9.0	150815.5	-6117.6
4711	10.2	143844.5	-6125.5	4801	8.9	145251.5	-6118.8	4891	8.9	150820.5	-6133.1
4712	10.2	143850.0	-6152.4	4802	9.9	145256.0	-6112.2	4892	9.5	150830.0	-6128.9
4713	8.1	143851.0	-6134.9	4803	8.7	145301.0	-6114.8	4893	9.4	150915.0	-6155.7
4714	10.0	143851.3	-6158.8	4804	9.2	145346.0	-6125.2	4894	9.4	150916.5	-6131.8
4715	9.7	143852.0	-6136.0	4805	9.5	145353.5	-6125.9	4895	9.4	150928.5	-6139.0
4716	9.0	143854.5	-6144.1	4806	9.8	145358.0	-6139.8	4896	9.2	150949.0	-6147.6
4717	8.4	143856.5	-6110.0	4807	9.8	145414.0	-6122.7	4897	7.7	150949.5	-6143.5
4718	10.3	143913.0	-6145.9	4808	9.7	145443.5	-6122.0	4898	9.4	150950.0	-6158.2
4719	9.7	143913.5	-6134.3	4809	9.7	145451.5	-6106.8	4899	9.9	150954.0	-6157.1
4720	10.2	143922.5	-6147.7	4810	9.9	145453.5	-6109.9	4900	8.8	151007.0	-6138.8
4721	10.2	143928.5	-6134.1	4811	9.7	145502.0	-6119.0	4901	9.9	151011.0	-6134.0
4722	10.3	143931.5	-6137.9	4812	9.9	145510.0	-6115.8	4902	9.9	151015.0	-6139.4
4723	10.3	143940.0	-6119.6	4813	9.4	145530.0	-6136.1	4903	9.7	151025.5	-6138.1
4724	10.0	144008.5	-6125.9	4814	9.2	145530.5	-6156.9	4904	8.9	151028.5	-6135.3
4725	7.4	144009.5	-6148.5	4815	9.6	145543.5	-6120.2	4905	8.9	151034.5	-6153.9
4726	10.2	144013.5	-6123.7	4816	9.0	145558.0	-6112.9	4906	9.9	151043.5	-6117.6
4907	9.9	151047.0	-6123.0								
4908	9.9	151053.0	-6128.0								
4909	9.4	151111.5	-6122.9								
4910	9.8	151116.5	-6113.2								
4911	9.4	151140.0	-6141.2								
4912	9.1	151214.5	-6128.0								
4913	9.4	151222.0	-6126.1								
4914	9.7	151225.5	-6103.9								
4915	8.4	151229.5	-6122.1								
4916	9.8	151230.0	-6157.3								
4917	9.9	151233.0	-6120.2								
4918	9.9	151237.0	-6108.8								
4919	9.2	151302.0	-6123.3								
4920	9.2	151302.0	-6143.8								
4921	9.9	151330.0	-6107.8								
4922	9.9	151337.0	-6108.0								
4923	9.9	151341.0	-6116.3								
4924	9.5	151342.0	-6117.3								
4925	8.9	151344.5	-6138.0								
4926	9.4	151346.5	-6123.0								
4927	9.7	151357.0	-6109.3								
4928	9.5	151359.5	-6130.6								
4929	9.5	151404.5	-6108.0								
4930	8.5	151416.5	-6118.3								
4931	9.8	151421.5	-6111.8								
4932	9.2	151423.5	-6153.0								
4933	9.4	151425.5	-6159.6								
4934	9.8	151428.0	-6136.8								
4935	9.1	151432.0	-6119.8								
4936	8.2	151437.0	-6129.8								
4937	9.0	151448.0	-6116.7								
4938	9.4	151513.0	-6144.0								
4939	8.9	151532.5	-6157.0								
4940	9.9	151533.0	-6106.0								
4941	9.5	151600.0	-6137.8								
4942	8.9	151616.0	-6156.7								
4943	8.9	151621.0	-6148.3								
4944	8.9	151624.5	-6136.0								
4945	8.9	151625.5	-6115.6								
4946	9.5	151635.5	-6114.6								
4947	9.9	151642.0	-6145.9								
4948	9.9	151648.0	-6124.5								
4949	10.0	151726.1	-6121.6								
4950	10.1	151726.1	-6156.3								
4951	9.5	151727.4	-6135.3								
4952	9.3	151728.1	-6136.6								
4953	9.3	151733.1	-6143.6								
4954	8.8	151742.6	-6158.2								
4955	9.6	151743.3	-6101.8								
4956	10.0	151746.1	-6121.7								
4957	9.6	151749.6	-6106.8								
4958	9.6	151800.6	-6113.6								
4959	9.5	151801.0	-6104.0								
4960	9.6	151806.1	-6119.7								
4961	9.7	151807.5	-6100.3								
4962	10.0	151808.1	-6123.6								
4963	9.8	151808.1	-6105.5								
4964	10.0	151811.6	-6111.1								
4965	10.1	151812.6	-6115.7								
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4967	8.4	151840.1	-6109.8								
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4969	9.7	151904.6	-6134.3								
4970	10.0	151906.1	-6128.1								
4971	10.0	151911.1	-6148.3								
4972	9.9	151921.1	-6139.6								
4973	10.1	151922.1	-6159.4								
4974	9.8	151925.1	-6110.9								
4975	9.7	151927.6	-6151.7								
4976	9.5	151932.1	-6120.6								
4977	10.1	151934.6	-6120.3								
4978	8.9	151937.6	-6121.5								
4979	9.8	151946.1	-6110.8								
4980	9.9	151949.1	-6113.7								
4981	10.0	151953.6	-6140.4								
4982	9.5	151954.1	-6105.6								
4983	9.6	151956.1	-6133.5								
4984	9.9	152000.6	-6146.6								
4985	9.8	152007.1	-6148.8								
4986	10.0	152009.1	-6146.4								
4987	9.9	152010.1	-6112.8								
4988	9.6	152013.6	-6130.5								
4989	9.9	152014.1	-6110.0								
4990	9.8	152017.1	-6119.7								
4991	9.7	152021.1	-6119.7								
4992	10.0	152022.1	-6132.7								
4993	9.4	152025.3	-6100.9								
4994	9.5	152027.6	-6155.3								
4995	8.6	152030.6	-6114.8								
4996	10.0	152032.6	-6141.1								

4997	9.3	152035.6	-6135.6	5087	9.4	152607.4	-6111.9	5177	9.7	153233.9	-6125.0
4998	9.6	152036.4	-6154.7	5088	9.6	152619.4	-6123.7	5178	9.1	153235.4	-6111.3
4999	9.7	152044.4	-6157.2	5089	10.0	152622.4	-6118.8	5179	10.1	153236.4	-6156.4
5000	9.4	152049.6	-6110.0	5090	9.6	152622.9	-6122.6	5180	9.8	153240.9	-6141.1
5001	9.5	152052.6	-6122.3	5091	9.6	152631.4	-6138.7	5181	10.0	153242.4	-6109.5
5002	10.1	152100.6	-6125.9	5092	10.1	152634.6	-6158.5	5182	10.0	153245.9	-6113.1
5003	9.8	152108.1	-6125.8	5093	9.4	152634.9	-6123.6	5183	9.1	153247.9	-6110.0
5004	10.1	152108.6	-6152.7	5094	10.0	152640.9	-6125.5	5184	10.1	153252.4	-6146.0
5005	9.4	152110.1	-6119.5	5095	10.1	152642.9	-6125.2	5185	9.2	153253.9	-6139.8
5006	9.6	152110.2	-6158.7	5096	8.6	152644.4	-6135.4	5186	10.0	153258.9	-6120.5
5007	9.3	152121.6	-6123.3	5097	9.4	152648.4	-6113.5	5187	10.1	153308.4	-6142.8
5008	10.1	152122.6	-6116.3	5098	9.2	152650.4	-6127.7	5188	9.9	153310.9	-6142.0
5009	9.7	152123.1	-6141.3	5099	9.8	152652.1	-6157.7	5189	9.5	153318.4	-6127.7
5010	9.7	152127.1	-6113.9	5100	10.1	152656.4	-6142.4	5190	9.7	153318.9	-6120.5
5011	9.6	152130.1	-6143.5	5101	9.9	152657.9	-6142.4	5191	10.1	153320.4	-6115.7
5012	10.1	152132.3	-6106.3	5102	9.9	152706.9	-6105.7	5192	9.7	153321.9	-6147.0
5013	9.6	152136.6	-6115.7	5103	10.0	152706.9	-6134.2	5193	9.2	153323.9	-6146.0
5014	9.5	152142.1	-6108.3	5104	9.9	152707.1	-6157.2	5194	10.0	153324.4	-6104.9
5015	9.5	152142.1	-6139.7	5105	9.8	152710.4	-6120.6	5195	10.0	153327.9	-6129.9
5016	9.9	152146.6	-6114.9	5106	9.7	152716.9	-6118.9	5196	9.4	153330.4	-6143.8
5017	9.1	152149.6	-6119.7	5107	9.9	152718.4	-6148.8	5197	8.6	153330.9	-6145.4
5018	9.8	152152.6	-6146.2	5108	9.2	152723.4	-6130.0	5198	9.3	153332.9	-6149.1
5019	10.0	152152.6	-6140.2	5109	9.5	152732.4	-6119.9	5199	9.6	153338.9	-6121.6
5020	10.1	152155.6	-6156.0	5110	9.4	152739.4	-6140.9	5200	9.8	153340.9	-6110.8
5021	9.5	152156.1	-6128.8	5111	9.5	152742.4	-6111.1	5201	9.4	153358.4	-6101.5
5022	8.6	152158.1	-6131.6	5112	9.7	152744.4	-6139.7	5202	10.0	153358.9	-6130.5
5023	9.5	152203.6	-6114.3	5113	10.0	152745.4	-6137.5	5203	9.3	153400.4	-6157.8
5024	10.1	152205.1	-6135.5	5114	9.9	152746.4	-6133.9	5204	9.7	153404.9	-6108.4
5025	9.6	152219.1	-6137.7	5115	10.0	152748.9	-6117.7	5205	10.0	153409.9	-6121.2
5026	9.6	152220.1	-6156.7	5116	10.0	152753.9	-6116.9	5206	9.2	153414.4	-6135.8
5027	9.9	152220.6	-6103.8	5117	10.1	152807.9	-6121.4	5207	9.0	153414.5	-6159.5
5028	9.8	152227.1	-6135.5	5118	8.9	152812.4	-6124.7	5208	9.2	153422.9	-6143.5
5029	8.9	152231.6	-6111.5	5119	9.5	152813.4	-6137.1	5209	9.9	153426.4	-6117.7
5030	10.1	152231.6	-6106.2	5120	9.7	152819.7	-6102.0	5210	9.6	153429.4	-6113.2
5031	9.5	152235.6	-6136.3	5121	9.0	152826.4	-6143.5	5211	9.1	153439.4	-6121.8
5032	9.5	152235.6	-6144.8	5122	9.7	152827.9	-6150.8	5212	10.0	153442.9	-6134.8
5033	9.6	152236.6	-6154.8	5123	10.1	152837.9	-6112.3	5213	9.4	153445.9	-6121.8
5034	9.5	152238.9	-6124.8	5124	9.9	152851.9	-6136.4	5214	9.9	153446.9	-6147.5
5035	9.8	152244.9	-6122.0	5125	9.8	152855.9	-6147.5	5215	9.7	153452.9	-6108.1
5036	9.6	152246.9	-6149.4	5126	10.0	152858.9	-6108.3	5216	9.8	153500.9	-6138.0
5037	10.0	152249.9	-6140.2	5127	9.7	152904.9	-6145.3	5217	9.4	153500.9	-6158.7
5038	10.1	152256.9	-6152.8	5128	9.8	152906.4	-6154.9	5218	9.0	153502.9	-6131.2
5039	10.1	152257.4	-6120.6	5129	9.4	152907.9	-6140.2	5219	9.8	153502.9	-6151.2
5040	10.0	152300.4	-6117.3	5130	9.9	152909.9	-6129.1	5220	9.6	153506.9	-6128.0
5041	10.1	152300.9	-6154.0	5131	9.3	152916.4	-6142.1	5221	10.0	153507.9	-6114.8
5042	8.9	152301.9	-6131.4	5132	10.1	152919.9	-6114.8	5222	10.0	153509.9	-6103.1
5043	9.6	152302.9	-6140.3	5133	8.9	152920.4	-6123.1	5223	10.0	153513.4	-6154.0
5044	10.0	152306.4	-6131.3	5134	9.4	152921.9	-6116.4	5224	10.0	153513.9	-6144.6
5045	10.0	152306.9	-6131.7	5135	10.0	152926.4	-6144.5	5225	9.4	153515.4	-6123.4
5046	8.4	152309.4	-6125.2	5136	9.2	152933.7	-6102.9	5226	9.4	153515.9	-6134.8
5047	10.1	152309.9	-6159.3	5137	10.0	152935.9	-6131.0	5227	9.6	153517.9	-6109.6
5048	9.9	152312.9	-6144.8	5138	9.3	152937.4	-6111.5	5228	9.5	153526.4	-6129.9
5049	10.0	152317.4	-6110.4	5139	9.9	152942.4	-6114.9	5229	9.8	153532.9	-6106.8
5050	9.8	152317.9	-6143.4	5140	10.1	152942.9	-6128.3	5230	9.9	153533.9	-6116.9
5051	9.2	152321.9	-6131.9	5141	9.2	152946.9	-6103.1	5231	9.8	153540.9	-6110.2
5052	7.7	152322.4	-6139.3	5142	9.8	153011.9	-6149.8	5232	9.8	153547.5	-6159.4
5053	8.9	152323.4	-6122.6	5143	10.1	153012.9	-6155.8	5233	9.2	153551.9	-6106.3
5054	10.1	152330.4	-6126.4	5144	9.8	153013.4	-6112.7	5234	9.4	153551.9	-6131.0
5055	9.8	152333.9	-6147.2	5145	10.1	153016.9	-6100.0	5235	10.0	153555.9	-6130.0
5056	9.2	152335.9	-6109.8	5146	8.6	153017.9	-6119.0	5236	9.2	153558.9	-6134.0
5057	9.5	152342.9	-6133.7	5147	10.0	153025.9	-6113.5	5237	10.1	153600.4	-6135.0
5058	10.1	152347.9	-6143.0	5148	9.6	153028.4	-6119.9	5238	9.4	153602.4	-6103.9
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5060	10.1	152352.4	-6142.4	5150	9.7	153035.9	-6140.6	5240	9.6	153608.4	-6118.0
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-61 5357 15h43m

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5431 10.0 154755.5 -6141.8	5521 9.8 155416.8 -6158.6	5611 9.8 160412.5 -6131.7	5701 7.4 161944.5 -6121.2
5432 9.9 154800.0 -6127.5	5522 9.4 155418.8 -6115.9	5612 9.8 160424.0 -6151.1	5702 9.0 161946.5 -6153.8
5433 10.1 154801.0 -6142.2	5523 10.1 155419.5 -6139.5	5613 10.0 160430.5 -6150.5	5703 9.6 161955.5 -6125.5
5434 9.3 154804.5 -6129.6	5524 9.6 155420.8 -6150.4	5614 10.0 160430.5 -6150.7	5704 9.6 162001.5 -6157.7
5435 10.0 154807.0 -6145.6	5525 10.0 155422.0 -6139.3	5615 8.9 160459.5 -6133.8	5705 10.0 162001.5 -6134.0
5436 10.0 154809.5 -6104.8	5526 9.8 155423.3 -6149.6	5616 9.8 160506.8 -6151.1	5706 10.0 162006.5 -6132.9
5437 10.0 154820.0 -6123.8	5527 8.7 155423.3 -6146.5	5617 9.3 160525.0 -6116.0	5707 9.2 162030.0 -6101.7
5438 10.0 154831.0 -6105.8	5528 10.0 155425.0 -6110.8	5618 9.1 160526.5 -6104.1	5708 9.8 162056.5 -6121.9
5439 10.1 154833.0 -6119.9	5529 10.0 155432.5 -6158.7	5619 9.8 160530.5 -6124.3	5709 9.8 162105.0 -6136.0
5440 9.8 154834.5 -6104.8	5530 10.1 155442.5 -6122.6	5620 9.6 160611.0 -6129.4	5710 9.6 162111.5 -6140.8
5441 9.7 154837.5 -6146.6	5531 10.0 155443.5 -6107.4	5621 9.4 160612.0 -6137.4	5711 9.8 162113.0 -6138.9
5442 10.1 154842.0 -6114.9	5532 9.8 155453.0 -6153.2	5622 9.8 160636.0 -6142.1	5712 10.0 162122.5 -6138.9
5443 9.8 154855.5 -6147.9	5533 10.0 155454.0 -6116.5	5623 8.8 160649.5 -6138.2	5713 8.0 162149.5 -6135.1
5444 10.1 154900.5 -6123.9	5534 9.8 155456.5 -6156.5	5624 10.0 160656.5 -6121.8	5714 10.0 162159.5 -6147.8
5445 10.0 154901.5 -6144.4	5535 9.0 155456.8 -6153.3	5625 9.2 160704.5 -6114.1	5715 10.0 162202.5 -6100.6
5446 10.1 154903.0 -6116.4	5536 9.5 155522.0 -6132.1	5626 10.0 160722.5 -6140.1	5716 9.0 162209.5 -6147.5

-61 5716 16h22m

-61 5717 16h22m

5717	8.6	162211.0	-6142.9
5718	9.8	162216.0	-6109.9
5719	10.0	162218.5	-6137.2
5720	8.3	162221.0	-6150.9
5721	8.8	162223.5	-6159.6
5722	9.5	162225.5	-6151.2
5723	10.0	162229.0	-6107.9
5724	9.8	162231.5	-6111.9
5725	9.8	162246.0	-6149.5
5726	9.1	162249.0	-6103.0
5727	9.6	162304.8	-6103.2
5728	9.8	162310.0	-6113.8
5729	10.0	162319.5	-6122.8
5730	9.0	162324.0	-6106.8
5731	9.8	162326.0	-6138.7
5732	9.2	162341.5	-6114.8
5733	9.6	162359.0	-6118.2
5734	8.5	162403.0	-6137.6
5735	10.0	162409.0	-6135.6
5736	9.4	162424.0	-6109.7
5737	9.6	162424.5	-6105.2
5738	9.6	162434.5	-6121.7
5739	10.0	162455.5	-6101.9
5740	9.3	162458.5	-6127.5
5741	9.3	162504.0	-6117.3
5742	10.0	162515.5	-6107.8
5743	10.0	162520.5	-6118.2
5744	8.8	162548.0	-6158.7
5745	9.4	162604.5	-6122.0
5746	8.0	162615.5	-6117.5
5747	10.0	162622.5	-6111.8
5748	9.1	162632.5	-6119.4
5749	8.8	162651.0	-6146.9
5750	10.0	162656.0	-6152.0
5751	10.0	162700.5	-6151.6
5752	10.0	162712.5	-6132.2
5753	10.0	162714.5	-6135.7
5754	10.0	162737.5	-6149.6
5755	10.0	162832.0	-6120.0
5756	10.0	162929.0	-6135.8
5757	9.4	162950.0	-6111.8
5758	9.2	162957.1	-6156.9
5759	9.2	162957.2	-6137.9
5760	8.4	163035.8	-6149.5
5761	9.0	163046.5	-6137.0
5762	8.6	163056.0	-6104.4
5763	9.6	163117.5	-6125.7
5764	9.0	163117.5	-6111.8
5765	9.3	163121.0	-6128.2
5766	7.8	163124.5	-6132.3
5767	9.2	163138.5	-6118.4
5768	9.3	163150.0	-6156.9
5769	8.4	163158.0	-6104.4
5770	9.3	163215.5	-6153.9
5771	9.8	163228.0	-6141.1
5772	9.4	163234.5	-6111.0
5773	9.8	163242.0	-6157.7
5774	9.7	163331.0	-6115.8
5775	6.9	163443.0	-6125.4
5776	9.6	163501.0	-6129.1
5777	9.7	163523.0	-6124.2
5778	8.9	163617.0	-6155.1
5779	9.7	163629.0	-6148.0
5780	8.6	163638.0	-6134.1
5781	9.4	163646.5	-6144.2
5782	9.5	163701.5	-6152.7
5783	9.6	163711.0	-6151.2
5784	8.2	163718.0	-6115.6
5785	9.6	163724.0	-6120.7
5786	9.6	163733.5	-6124.0
5787	7.5	163744.5	-6109.5
5788	9.3	163755.5	-6104.5
5789	9.6	163807.0	-6120.2
5790	9.2	163848.0	-6140.2
5791	9.1	163908.5	-6152.1
5792	9.4	163934.0	-6117.1
5793	9.4	163936.0	-6111.2
5794	9.8	164000.0	-6105.9
5795	9.3	164050.0	-6137.3
5796	9.6	164121.0	-6118.9
5797	9.7	164123.0	-6116.9
5798	9.7	164124.0	-6156.0
5799	9.6	164222.0	-6122.2
5800	9.7	164241.0	-6127.1
5801	8.6	164318.5	-6134.3
5802	9.8	164347.0	-6101.6
5803	9.2	164352.5	-6139.4
5804	9.6	164402.0	-6135.0
5805	9.8	164403.5	-6134.6
5806	9.4	164409.5	-6153.9
5807	9.6	164439.0	-6103.6
5808	7.0	164458.5	-6126.0
5809	8.9	164501.5	-6134.0
5810	8.0	164530.0	-6147.4
5811	9.0	164615.0	-6157.4
5812	9.4	164623.5	-6117.1
5813	9.8	164644.5	-6155.0
5814	9.8	164647.0	-6151.0
5815	9.8	164653.0	-6127.0
5816	9.7	164712.5	-6139.2
5817	7.5	164720.0	-6132.3
5818	8.6	164724.5	-6157.7
5819	9.8	164733.0	-6108.1
5820	8.8	164919.5	-6112.6
5821	9.2	164930.5	-6127.0
5822	9.0	164943.5	-6122.8
5823	9.4	165007.5	-6132.3
5824	7.6	165026.5	-6156.9
5825	9.0	165057.0	-6122.2
5826	9.1	165110.5	-6135.7
5827	8.5	165154.0	-6149.2
5828	9.0	165207.0	-6133.3
5829	9.0	165217.5	-6145.9
5830	9.8	165217.8	-6138.5
5831	9.6	165335.0	-6134.2
5832	9.7	165354.5	-6143.6
5833	9.6	165400.0	-6105.1
5834	8.6	165501.0	-6106.0
5835	9.3	165515.5	-6150.6
5836	8.9	165616.5	-6146.8
5837	9.0	165656.0	-6157.9
5838	8.8	165659.5	-6106.3
5839	9.2	165719.5	-6145.2
5840	9.8	165721.5	-6127.0
5841	9.0	165734.5	-6128.0
5842	6.6	165842.5	-6130.4
5843	9.8	165856.5	-6156.7
5844	9.4	165926.5	-6135.5
5845	9.6	170032.0	-6148.9
5846	9.7	170137.5	-6152.3
5847	9.7	170146.5	-6103.9
5848	9.2	170154.5	-6111.3
5849	9.7	170227.5	-6123.7
5850	8.4	170228.5	-6157.4
5851	8.8	170231.5	-6123.4
5852	8.6	170256.5	-6100.1
5853	9.2	170340.0	-6124.1
5854	9.2	170449.5	-6102.2
5855	9.4	170502.8	-6158.9
5856	8.4	170509.9	-6116.5
5857	10.0	170525.4	-6123.3
5858	9.9	170528.3	-6141.0
5859	9.1	170532.5	-6155.0
5860	10.0	170535.6	-6102.7
5861	9.4	170537.8	-6149.8
5862	9.5	170538.1	-6155.4
5863	9.3	170600.4	-6112.9
5864	9.5	170611.8	-6147.6
5865	9.5	170624.4	-6117.9
5866	9.6	170625.8	-6142.8
5867	8.8	170634.3	-6144.0
5868	10.0	170645.3	-6136.2
5869	9.6	170656.3	-6143.5
5870	10.0	170701.8	-6156.8
5871	9.8	170711.8	-6148.3
5872	9.6	170724.3	-6144.3
5873	9.9	170727.8	-6137.0
5874	9.4	170732.8	-6154.8
5875	10.0	170738.3	-6147.1
5876	9.4	170743.3	-6158.9
5877	9.6	170747.9	-6118.7
5878	9.6	170756.9	-6123.3
5879	9.8	170759.9	-6114.8
5880	9.1	170812.3	-6135.5
5881	9.9	170814.4	-6123.3
5882	9.6	170822.3	-6155.9
5883	9.8	170823.9	-6122.3
5884	9.8	170824.7	-6139.9
5885	8.6	170825.9	-6158.5
5886	10.0	170839.8	-6101.4
5887	9.3	170907.4	-6118.8
5888	9.9	170922.4	-6108.4
5889	9.5	170928.1	-6102.9
5890	9.0	170933.3	-6134.4
5891	9.6	170941.8	-6140.5
5892	10.0	170943.4	-6116.6
5893	9.8	170947.4	-6127.1
5894	9.6	171011.8	-6101.5
5895	9.8	171020.8	-6140.3
5896	9.8	171022.3	-6147.6
5897	9.6	171026.3	-6144.6
5898	9.6	171113.4	-6108.3
5899	9.0	171114.6	-6158.2
5900	9.9	171130.9	-6118.2
5901	10.0	171133.4	-6127.3
5902	8.2	171138.3	-6136.0
5903	10.0	171151.4	-6107.3
5904	9.0	171151.9	-6114.0
5905	9.8	171152.3	-6148.1
5906	9.6	171152.4	-6109.7
5907	9.8	171202.9	-6114.9
5908	9.4	171206.4	-6115.5
5909	9.9	171208.4	-6139.2
5910	9.2	171221.9	-6114.1
5911	10.0	171236.9	-6112.1
5912	9.6	171253.8	-6132.9
5913	8.4	171254.3	-6130.5
5914	9.5	171321.3	-6130.9
5915	9.8	171325.3	-6149.5
5916	8.5	171337.3	-6139.5
5917	9.6	171352.9	-6117.7
5918	9.5	171404.3	-6137.6
5919	9.9	171421.3	-6155.2
5920	8.9	171441.9	-6121.0
5921	8.2	171452.9	-6121.4
5922	9.5	171459.3	-6138.5
5923	9.4	171501.3	-6145.9
5924	9.0	171505.9	-6124.1
5925	9.6	171514.3	-6150.6
5926	9.6	171517.3	-6134.2
5927	9.9	171544.4	-6124.9
5928	9.4	171547.8	-6135.2
5929	9.6	171548.3	-6151.5
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5931	9.2	171625.8	-6133.4
5932	9.1	171632.4	-6119.7
5933	9.0	171635.9	-6103.8
5934	9.8	171651.3	-6100.7
5935	9.8	171710.9	-6127.9
5936	9.3	171747.4	-6110.9
5937	7.2	171757.8	-6139.2
5938	10.0	171801.9	-6102.9
5939	8.9	171818.8	-6102.3
5940	9.8	171818.9	-6116.0
5941	8.8	171831.3	-6140.4
5942	9.2	171833.3	-6138.8
5943	10.0	171840.2	-6104.8
5944	10.0	171842.4	-6110.9
5945	10.0	171845.9	-6116.9
5946	8.8	171918.8	-6139.9
5947	9.9	1719 6.3	-6141.2
5948	9.5	1719 9.3	-6158.1
5949	8.9	1719 9.4	-6158.5
5950	9.5	1719 6.3	-6155.2
5951	9.6	171923.8	-6156.4
5952	9.8	171927.9	-6113.9
5953	9.6	171945.4	-6114.9
5954	10.0	171945.8	-6142.6
5955	9.8	172005.3	-6142.8
5956	9.8	172013.8	-6154.6
5957	8.5	172027.4	-6110.5
5958	8.5	172032.3	-6150.8
5959	9.4	172045.8	-6153.2
5960	9.6	172047.4	-6129.0
5961	9.9	172100.3	-6149.2
5962	9.8	172114.9	-6124.9
5963	9.9	172124.4	-6115.3
5964	9.4	172134.3	-6151.1
5965	9.4	172145.9	-6120.5
5966	10.0	172200.4	-6101.5
5967	9.3	172204.2	-6130.9
5968	8.9	172205.3	-6137.3
5969	8.6	172229.4	-6126.0
5970	9.5	172318.8	-6130.4
5971	9.6	172337.4	-6158.5
5972	9.8	172404.4	-6110.1
5973	9.4	172413.8	-6130.5
5974	9.8	172418.9	-6121.6
5975	8.7	172422.3	-6140.5
5976	10.0	172430.4	-6105.9
5977	9.2	172443.9	-6116.6
5978	9.0	172450.3	-6138.6
5979	9.6	172455.3	-6144.4
5980	9.6	172507.8	-6141.0
5981	8.5	172508.9	-6119.6
5982	9.6	172528.9	-6126.2
5983	9.1	172534.9	-6118.9
5984	9.6	172558.1	-6158.5
5985	10.0	172604.3	-6146.0
5986	10.0	172612.3	-6132.1

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5987	9.8	172619.4	-6111.0
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5989	9.8	172638.8	-6134.4
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5992	9.8	172705.8	-6138.6
5993	9.8	172706.3	-6137.7
5994	10.0	172730.9	-6119.7
5995	9.2	172730.9	-6103.0
5996	10.0	172744.8	-6132.9
5997	9.4	172746.9	-6158.2
5998	9.5	172751.3	-6149.9
5999	9.8	172756.4	-6128.8
6000	9.8	172807.4	-6109.3
6001	9.4	172813.4	-6106.9
6002	9.4	172839.8	-6151.4
6003	9.6	172843.4	-6112.9
6004	9.0	172845.3	-6158.3
6005	9.8	172914.9	-6110.2
6006	8.8	172916.3	-6153.9
6007	9.3	172924.9	-6111.5
6008	10.0	172944.4	-6128.9
6009	8.9	172944.9	-6117.8
6010	10.0	172948.8	-6146.9
6011	9.8	172955.8	-6100.7
6012	9.6	172958.8	-6135.6
6013	9.1	173007.9	-6107.6
6014	10.0	173018.8	-6157.1
6015	9.4	173113.4	-6104.8
6016	10.0	173153.4	-6109.5
6017	9.6	173154.3	-6137.8
6018	9.1	173211.9	-6128.7
6019	9.5	173227.3	-6131.9
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6021	10.0	173333.3	-6157.0
6022	9.2	173349.4	-6106.6
6023	10.0	173355.3	-6136.9
6024	9.6	173359.9	-6113.9
6025	9.8	173418.9	-6124.3
6026	9.4	173422.4	-6100.7
6027	9.4	173453.4	-6158.1
6028	8.4	173501.2	-6102.2
6029	9.0	173503.3	-6134.2
6030	10.0	173503.3	-6158.9
6031	9.4	173505.3	-6157.9
6032	9.6	173505.9	-6111.3
6033	9.8	173518.9	-6116.1
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6036	9.2	173532.8	-6131.7
6037	9.6	173546.8	-6142.5
6038	9.8	173551.4	-6109.4
6039	9.1	173558.4	-6120.8
6040	8.4	173605.1	-6158.7
6041	9.6	173627.3	-6147.0
6042	9.2	173646.4	-6111.4
6043	9.6	173657.3	-6133.1
6044	8.9	173659.9	-6125.3
6045	9.9	173703.1	-6158.1
6046	10.0	173706.9	-6117.9
6047	9.8	173732.8	-6147.5
6048	9.9	173744.4	-6108.8
6049	10.0	173755.4	-6111.4
6050	9.6	173808.9	-6121.4
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6052	10.0	173826.9	-6104.4
6053	9.6	173845.2	-6100.7
6054	7.5	173849.8	-6152.7
6055	9.3	173900.9	-6110.3
6056	10.0	173915.4	-6101.1
6057	10.0	173918.8	-6144.3
6058	9.8	173920.8	-6129.3
6059	10.0	173936.8	-6136.5
6060	9.6	173938.4	-6110.1
6061	9.4	173945.8	-6146.3
6062	9.6	174013.4	-6101.9
6063	9.3	174014.7	-6138.5
6064	9.2	174045.2	-6113.0
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6067	9.8	174106.3	-6147.7
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6069	9.4	174127.2	-6109.9
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66	8.8	04322.6	-6224.6	156	10.4	15156.5	-6239.4	246	8.6	25618.5	-6258.5	336	9.0	41641.9	-6218.4
67	9.2	04333.1	-6206.8	157	9.7	15220.0	-6248.0	247	8.0	25621.0	-6257.3	337	8.2	41736.0	-6244.6
68	9.5	04430.0	-6258.9	158	9.7	15246.8	-6249.9	248	9.4	25639.0	-6249.1	338	8.4	41804.4	-6234.3
69	9.4	04600.0	-6236.1	159	10.6	15300.3	-6215.1	249	9.3	25711.5	-6204.7	339	9.9	41831.1	-6232.0
70	9.4	04714.6	-6214.6	160	10.0	15307.8	-6205.6	250	9.1	25900.3	-6256.3	340	9.8	41831.8	-6250.6
71	10.2	04813.5	-6244.7	161	10.6	15447.0	-6217.1	251	9.6	30026.0	-6226.3	341	9.3	41937.2	-6257.9
72	10.0	05001.6	-6229.2	162	3.5	15449.7	-6210.6	252	9.6	30222.5	-6233.8	342	8.9	41946.9	-6209.9
73	9.8	05030.0	-6256.7	163	10.2	15600.8	-6207.2	253	9.0	30256.5	-6228.0	343	8.8	42001.9	-6224.9
74	10.4	05117.6	-6205.5	164	9.6	15636.0	-6239.8	254	9.0	30310.0	-6233.0	344	9.8	42029.4	-6212.0
75	10.0	05156.0	-6255.5	165	10.6	15648.8	-6208.4	255	9.1	30315.7	-6231.8	345	8.6	42047.9	-6207.5
76	10.2	05442.1	-6230.8	166	9.7	15706.0	-6244.4	256	8.2	30453.3	-6239.8	346	8.4	42120.7	-6248.7
77	9.4	05451.0	-6253.6	167	10.2	15742.0	-6243.0	257	7.7	30501.5	-6211.9	347	9.5	42201.0	-6253.4
78	9.0	05500.1	-6207.7	168	9.9	15806.0	-6243.4	258	7.4	30516.0	-6219.9	348	9.9	42209.7	-6234.0
79	9.0	05616.6	-6226.5	169	9.9	15829.8	-6204.3	259	9.2	30551.8	-6215.1	349	9.4	42213.0	-6239.2
80	9.0	05624.1	-6225.7	170	8.8	20050.8	-6207.1	260	8.1	30741.5	-6249.6	350	9.5	42222.5	-6230.0
81	8.4	05635.0	-6250.1	171	10.6	20107.0	-6231.2	261	9.6	30845.8	-6213.1	351	9.2	42234.0	-6226.0
82	9.9	05742.1	-6214.4	172	10.6	20243.0	-6239.5	262	8.4	30948.5	-6245.2	352	9.9	42415.7	-6232.9
83	10.3	05830.6	-6214.6	173	9.9	20255.3	-6222.7	263	9.6	31225.5	-6252.7	353	9.8	42426.4	-6204.4
84	10.2	05830.6	-6213.8	174	9.2	20303.8	-6221.9	264	9.6	31307.0	-6237.1	354	9.0	42432.4	-6227.2
85	8.6	10039.1	-6201.7	175	10.4	20326.8	-6228.3	265	5.6	31532.5	-6259.0	355	9.8	42433.3	-6249.7
86	9.4	10043.0	-6248.4	176	10.6	20411.8	-6211.7	266	9.8	31537.0	-6202.8	356	9.6	42436.4	-6200.9
87	9.9	10116.2	-6210.6	177	9.0	20506.0	-6201.8	267	9.4	31822.5	-6245.4	357	6.5	42619.0	-6247.7
88	9.7	10143.2	-6259.5	178	9.0	20552.5	-6219.9	268	8.2	31850.7	-6231.3	358	8.5	42620.5	-6205.1
89	6.2	10221.2	-6226.6	179	7.8	20619.5	-6251.3	269	9.6	31929.0	-6214.8	359	9.2	42629.3	-6228.4
90	7.1	10307.0	-6232.4	180	10.6	20700.0	-6237.7	270	8.9	32053.0	-6248.1	360	8.5	42631.0	-6200.9
91	9.1	10309.0	-6249.2	181	9.9	20739.9	-6210.9	271	8.8	32210.8	-6216.0	361	9.9	42820.5	-6235.2

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362	9.6	42845.1	-6228.9
363	9.8	42919.5	-6238.8
364	9.8	42949.4	-6230.9
365	9.2	42959.0	-6246.6
366	8.6	43004.9	-6206.4
367	9.9	43048.4	-6213.3
368	9.6	43133.2	-6232.1
369	9.1	43333.5	-6257.3
370	9.3	43339.0	-6248.1
371	9.2	43414.0	-6254.0
372	6.9	43518.7	-6219.3
373	9.8	43542.0	-6250.9
374	9.5	43547.5	-6234.0
375	8.8	43655.2	-6225.5
376	6.5	43726.0	-6237.4
377	8.2	44047.5	-6237.3
378	9.0	44114.7	-6202.5
379	9.3	44134.5	-6253.0
380	9.9	44158.0	-6227.8
381	9.9	44159.5	-6228.0
382	9.8	44240.0	-6251.8
383	9.1	44343.0	-6243.0
384	9.8	44523.7	-6203.7
385	9.4	44552.5	-6257.1
386	9.1	44611.5	-6238.8
387	9.9	44657.0	-6238.8
388	8.8	44712.5	-6242.0
389	9.2	44759.2	-6205.8
390	9.2	44802.7	-6203.3
391	8.7	44803.1	-6229.9
392	8.9	44839.7	-6226.7
393	9.5	44936.0	-6244.8
394	9.5	45047.7	-6221.4
395	9.7	45105.5	-6237.4
396	9.6	45141.7	-6205.6
397	9.6	45254.7	-6214.2
398	7.2	45356.0	-6259.8
399	9.3	45452.0	-6246.6
400	8.6	45528.0	-6238.7
401	9.6	45559.0	-6233.0
402	9.9	45633.0	-6242.3
403	9.5	45704.2	-6241.8
404	9.9	45800.5	-6249.1
405	9.8	45846.2	-6221.8
406	8.7	45852.7	-6227.5
407	9.5	45854.7	-6222.6
408	9.8	45905.7	-6208.7
409	10.0	45944.0	-6239.3
410	8.8	50017.2	-6216.3
411	9.5	50051.0	-6255.5
412	9.6	50054.2	-6217.7
413	9.8	50111.7	-6206.9
414	8.8	50120.2	-6205.1
415	9.8	50134.2	-6220.2
416	9.5	50137.0	-6251.9
417	9.8	50141.1	-6228.8
418	8.7	50307.7	-6226.0
419	9.5	50421.5	-6250.7
420	8.8	50453.2	-6212.6
421	7.7	50505.0	-6257.9
422	9.0	50521.5	-6233.0
423	10.0	50523.0	-6259.6
424	9.6	50529.2	-6231.0
425	8.4	50620.5	-6254.9
426	9.0	50639.5	-6212.5
427	9.4	50653.0	-6221.5
428	9.4	50711.5	-6239.0
429	9.6	50811.5	-6245.7
430	8.7	50820.5	-6243.0
431	9.3	50825.0	-6215.6
432	9.5	50826.3	-6234.8
433	9.3	50848.5	-6222.8
434	9.6	50902.5	-6207.8
435	9.2	50911.5	-6250.3
436	9.6	50956.5	-6205.9
437	8.5	51017.5	-6257.9
438	10.0	51045.5	-6253.9
439	8.4	51053.0	-6211.3
440	9.3	51111.0	-6207.7
441	9.1	51214.5	-6216.3
442	10.0	51259.5	-6242.0
443	9.2	51308.5	-6208.9
444	9.6	51315.5	-6234.8
445	8.4	51402.5	-6217.0
446	9.2	51436.8	-6231.4
447	9.7	51455.0	-6207.8
448	9.4	51523.5	-6200.9
449	9.6	51523.5	-6234.6
450	8.7	51528.5	-6249.9
451	9.0	51536.0	-6255.9
452	8.9	51553.5	-6244.4
453	8.7	51600.0	-6231.2
454	9.7	51615.5	-6205.0
455	9.8	51633.0	-6200.9
456	8.4	51656.0	-6204.9
457	9.1	51831.5	-6203.7
458	9.7	51836.5	-6230.6
459	9.3	51922.5	-6209.9
460	10.0	51935.8	-6259.0
461	9.1	51956.0	-6244.3
462	9.7	52033.5	-6209.9
463	9.4	52043.5	-6254.9
464	9.7	52158.0	-6219.9
465	8.7	52202.5	-6220.5
466	9.5	52207.3	-6226.0
467	9.4	52231.0	-6238.8
468	7.3	52240.5	-6241.5
469	8.6	52318.0	-6228.7
470	9.8	52320.5	-6229.1
471	9.6	52414.5	-6233.1
472	8.7	52440.0	-6253.1
473	8.8	52557.0	-6235.3
474	9.7	52613.5	-6210.9
475	9.2	52643.0	-6234.7
476	9.3	52711.5	-6246.8
477	9.2	52736.5	-6211.0
478	8.7	52801.5	-6201.0
479	7.9	52809.5	-6224.4
480	10.0	52850.0	-6253.0
481	8.7	52857.5	-6232.1
482	9.7	53038.5	-6222.8
483	8.9	53116.0	-6246.5
484	9.5	53130.0	-6240.2
485	9.5	53222.5	-6211.5
486	9.2	53223.5	-6219.9
487	5.9	53232.0	-6234.2
488	9.4	53301.5	-6202.9
489	9.3	53320.5	-6205.3
490	10.0	53327.5	-6255.0
491	9.8	53332.5	-6220.3
492	9.7	53422.0	-6230.9
493	8.4	53427.5	-6207.5
494	9.4	53445.5	-6253.0
495	9.3	53518.5	-6223.4
496	9.5	53606.5	-6220.5
497	10.0	53635.8	-6252.4
498	9.8	53820.5	-6217.5
499	9.4	53825.0	-6235.1
500	9.2	53907.0	-6210.0
501	8.9	53907.8	-6259.9
502	8.9	53917.5	-6242.5
503	9.4	53922.2	-6236.9
504	9.6	54018.0	-6259.3
505	9.8	54037.0	-6212.7
506	6.9	54059.5	-6258.3
507	10.0	54102.0	-6232.6
508	9.9	54218.5	-6231.7
509	9.5	54242.5	-6231.4
510	9.9	54258.8	-6212.9
511	10.0	54325.5	-6206.7
512	8.4	54414.5	-6257.9
513	9.9	54449.0	-6200.5
514	10.0	54506.0	-6228.7
515	10.0	54519.5	-6202.7
516	10.0	54534.0	-6234.7
517	9.6	54558.5	-6205.8
518	10.1	54606.0	-6251.4
519	9.8	54611.3	-6258.0
520	10.0	54620.5	-6213.1
521	9.9	54624.5	-6214.1
522	10.0	54625.5	-6230.3
523	9.3	54633.7	-6257.3
524	10.1	54700.5	-6242.9
525	9.7	54715.0	-6247.3
526	9.3	54752.5	-6215.7
527	10.0	54833.0	-6249.4
528	10.0	54851.0	-6215.5
529	8.1	54910.0	-6206.5
530	10.0	54923.5	-6216.8
531	9.7	54934.5	-6213.8
532	10.1	54955.0	-6255.7
533	9.6	55011.0	-6253.3
534	9.4	55019.5	-6201.1
535	9.4	55052.5	-6203.6
536	9.9	55054.0	-6235.4
537	8.5	55058.0	-6232.6
538	9.4	55129.0	-6234.4
539	9.0	55225.5	-6249.6
540	9.4	55244.0	-6218.8
541	10.0	55252.5	-6249.2
542	10.0	55256.0	-6207.5
543	10.0	55305.0	-6206.5
544	9.4	55310.0	-6207.4
545	9.7	55317.5	-6252.2
546	9.9	55340.5	-6239.8
547	10.0	55411.5	-6259.4
548	9.9	55620.0	-6201.0
549	9.4	55620.5	-6224.9
550	9.2	55639.0	-6205.4
551	10.0	55643.5	-6223.7
552	9.0	55714.5	-6245.7
553	10.0	55814.0	-6211.3
554	9.8	55834.5	-6208.8
555	9.8	55836.5	-6210.8
556	10.0	55850.5	-6221.0
557	10.0	55851.0	-6213.7
558	8.1	55855.5	-6248.7
559	9.5	55923.0	-6235.9
560	9.5	55923.5	-6208.9
561	9.0	55929.0	-6215.9
562	10.1	55931.5	-6242.5
563	8.5	55938.0	-6248.7
564	9.0	55949.5	-6252.0
565	9.9	55953.5	-6248.6
566	10.1	55958.0	-6247.1
567	10.0	60121.0	-6208.8
568	10.1	60141.5	-6237.5
569	8.8	60146.5	-6240.0
570	9.7	60148.5	-6215.8
571	9.4	60227.5	-6211.4
572	9.8	60231.0	-6230.9
573	9.8	60245.0	-6208.7
574	8.5	60251.5	-6219.2
575	10.0	60305.0	-6233.5
576	9.7	60329.0	-6229.9
577	9.1	60334.5	-6206.9
578	10.1	60347.5	-6241.0
579	8.6	60409.5	-6216.9
580	9.3	60541.5	-6240.0
581	9.8	60552.0	-6215.1
582	7.0	60554.5	-6207.9
583	10.0	60642.0	-6203.8
584	9.4	60644.0	-6218.0
585	9.0	60735.0	-6257.6
586	10.0	60738.5	-6228.9
587	9.4	60749.5	-6231.5
588	9.7	60813.5	-6221.1
589	9.1	60813.8	-6259.8
590	9.8	60912.5	-6220.0
591	10.0	60950.0	-6235.0
592	10.0	60954.0	-6200.9
593	9.8	61026.0	-6223.9
594	10.0	61031.0	-6203.9
595	9.9	61108.0	-6221.7
596	9.9	61122.0	-6214.3
597	10.0	61140.0	-6211.9
598	8.2	61149.5	-6202.0
599	10.1	61202.0	-6241.4
600	9.1	61235.5	-6246.8
601	8.1	61344.0	-6214.5
602	9.0	61358.0	-6215.0
603	9.0	61405.0	-6219.5
604	10.1	61503.0	-6251.3
605	9.9	61554.0	-6217.9
606	9.8	61621.5	-6211.2
607	10.0	61623.8	-6206.2
608	9.2	61633.8	-6215.2
609	10.0	61640.0	-6209.2
610	10.0	61652.3	-6200.7
611	9.7	61702.0	-6213.8
612	9.0	61717.5	-6217.2
613	9.3	61752.0	-6257.4
614	9.4	61756.7	-6255.1
615	9.8	61806.8	-6239.0
616	9.5	61829.8	-6223.0
617	9.3	61851.5	-6209.5
618	9.7	61912.7	-6229.6
619	7.5	61948.2	-6217.5
620	9.2	61958.2	-6207.7
621	8.4	62039.5	-6219.1
622	10.0	62051.5	-6239.3
623	10.0	62105.5	-6250.0
624	9.7	62119.5	-6212.1
625	9.7	62119.5	-6213.9
626	9.4	62128.5	-6232.3
627	9.3	62133.5	-6234.3
628	10.0	62145.0	-6229.6
629	9.6	62159.5	-6211.9
630	9.8	62207.5	-6222.4
631	10.1	62237.5	-6233.6

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632	9.7	62259.0	-6254.1
633	10.0	62336.5	-6220.8
634	8.4	62345.0	-6245.9
635	9.9	62349.0	-6202.5
636	7.9	62418.5	-6220.9
637	8.1	62427.0	-6205.7
638	9.8	62428.0	-6200.0
639	10.0	62440.2	-6259.2
640	10.0	62504.5	-6208.9
641	9.9	62515.0	-6234.2
642	10.0	62520.0	-6202.0
643	10.0	62556.0	-6209.1
644	9.2	62607.5	-6253.3
645	9.9	62636.0	-6206.6
646	7.1	62638.5	-6204.3
647	9.4	62642.0	-6231.1
648	9.3	62700.0	-6252.3
649	9.8	62709.5	-6226.9
650	8.8	62736.5	-6228.2
651	9.2	62746.5	-6228.9
652	9.9	62829.5	-6204.0
653	8.8	62900.0	-6241.5
654	10.0	62903.5	-6253.9
655	9.2	62921.0	-6221.2
656	9.5	62943.5	-6255.0
657	7.8	63015.5	-6214.7
658	9.6	63040.5	-6221.3
659	10.0	63042.0	-6239.2
660	10.0	63043.5	-6213.5
661	10.0	63046.0	-6232.1
662	9.5	63133.5	-6237.3
663	10.0	63134.0	-6229.0
664	9.6	63136.5	-6252.1
665	9.8	63139.5	-6243.5
666	9.6	63202.0	-6228.3
667	9.4	63253.5	-6243.5
668	10.0	63303.0	-6235.6
669	9.6	63311.5	-6223.1
670	8.8	63332.5	-6200.0
671	8.5	63339.5	-6227.5
672	9.8	63350.0	-6204.9
673	9.5	63352.0	-6225.6
674	10.1	63355.5	-6225.6
675	10.0	63357.5	-6214.1
676	9.8	63402.0	-6224.1
677	8.7	63407.0	-6223.9
678	9.4	63429.5	-6249.0
679	9.9	63520.5	-6231.7
680	9.3	63544.5	-6225.8
681	8.3	63545.5	-6214.3
682	10.0	63553.5	-6258.2
683	9.1	63610.5	-6248.7
684	9.2	63621.0	-6225.9
685	9.8	63623.0	-6201.0
686	10.0	63649.5	-6238.3
687	9.0	63709.5	-6207.4
688	10.0	63734.0	-6209.1
689	10.0	63747.0	-6219.5
690	9.8	63808.5	-6240.9
691	10.0	63811.0	-6256.7
692	9.2	63811.5	-6240.5
693	9.8	63940.5	-6251.1
694	10.0	63951.5	-6236.1
695	9.0	63952.5	-6259.5
696	10.0	63954.0	-6202.4
697	8.5	64130.5	-6238.9
698	10.0	64136.5	-6216.1
699	10.0	64139.5	-6234.7
700	9.4	64145.0	-6246.0
701	9.6	64146.0	-6231.1
702	9.9	64156.5	-6200.0
703	8.8	64213.0	-6229.1
704	9.7	64222.5	-6253.9
705	9.1	64347.0	-6227.1
706	10.0	64404.5	-6202.9
707	9.3	64443.0	-6253.1
708	9.3	64516.5	-6251.0
709	10.0	64527.5	-6202.1
710	9.6	64546.0	-6210.1
711	9.7	64547.5	-6214.0
712	9.0	64713.5	-6203.5
713	9.8	64713.5	-6207.1
714	9.0	64716.5	-6203.4
715	9.8	64720.0	-6229.0
716	10.0	64751.0	-6211.3
717	10.0	64807.5	-6220.1
718	10.0	64814.5	-6217.9
719	9.8	64939.0	-6247.0
720	9.6	65000.5	-6247.7
721	9.3	65001.5	-6253.8

722	9.8	65005.5	-6243.3	812	8.7	71606.5	-6247.5	902	8.8	74919.0	-6230.4	992	8.6	81532.5	-6228.4
723	9.2	65007.5	-6255.4	813	9.4	71619.3	-6200.0	903	7.8	74938.2	-6236.4	993	9.6	81613.0	-6223.6
724	8.8	65011.0	-6227.1	814	8.6	71725.0	-6214.8	904	7.8	75014.0	-6235.0	994	9.4	81646.5	-6248.7
725	9.8	65021.5	-6252.8	815	9.7	71825.5	-6241.7	905	9.1	75108.0	-6239.0	995	9.6	81739.5	-6229.0
726	9.8	65111.7	-6230.7	816	9.2	71839.5	-6239.0	906	8.4	75132.0	-6202.0	996	9.3	81741.0	-6209.9
727	9.4	65143.5	-6248.3	817	9.2	71944.5	-6232.6	907	9.3	75154.0	-6238.2	997	9.6	81805.0	-6233.7
728	9.4	65202.0	-6226.3	818	9.3	71956.5	-6236.8	908	8.0	75204.0	-6203.1	998	9.6	81809.0	-6223.2
729	9.4	65242.3	-6215.9	819	9.4	72000.0	-6238.0	909	9.7	75210.5	-6258.0	999	9.6	81836.5	-6213.2
730	9.1	65251.9	-6215.0	820	9.4	72022.0	-6209.8	910	9.7	75229.0	-6234.9	1000	9.6	81836.8	-6227.2
731	9.1	65253.0	-6255.1	821	9.4	72045.0	-6224.0	911	9.7	75241.0	-6252.6	1001	9.6	81850.1	-6200.2
732	8.2	65257.7	-6218.2	822	9.3	72108.0	-6235.1	912	9.2	75244.0	-6205.7	1002	9.4	81912.7	-6244.0
733	9.7	65303.0	-6255.8	823	9.2	72115.0	-6229.6	913	8.7	75257.5	-6233.9	1003	10.0	82009.5	-6247.0
734	9.4	65308.3	-6215.6	824	8.0	72139.0	-6201.6	914	9.1	75258.5	-6243.7	1004	9.2	82013.5	-6234.0
735	8.9	65329.1	-6202.0	825	9.6	72151.0	-6239.5	915	9.6	75353.0	-6231.9	1005	9.4	82023.5	-6241.0
736	9.4	65441.5	-6205.1	826	9.4	72203.0	-6201.5	916	9.7	75405.0	-6243.1	1006	9.2	82024.5	-6210.2
737	9.0	65501.3	-6202.9	827	9.7	72221.5	-6256.8	917	8.2	75406.5	-6200.8	1007	10.0	82048.0	-6235.0
738	9.4	65531.5	-6200.2	828	9.0	72303.5	-6216.9	918	9.5	75414.5	-6238.1	1008	9.6	82053.0	-6210.5
739	9.1	65535.5	-6226.1	829	9.4	72304.3	-6216.6	919	9.7	75416.5	-6219.7	1009	9.0	82059.5	-6228.9
740	9.4	65557.0	-6236.3	830	9.4	72405.0	-6220.5	920	8.9	75438.0	-6203.1	1010	9.5	82103.7	-6218.4
741	9.2	65559.0	-6219.1	831	9.7	72409.0	-6237.9	921	9.6	75451.5	-6200.3	1011	9.4	82125.5	-6236.8
742	9.4	65607.5	-6207.0	832	8.9	72416.5	-6248.5	922	9.5	75505.7	-6257.2	1012	10.0	82129.5	-6241.1
743	9.0	65631.5	-6254.0	833	9.6	72502.5	-6248.9	923	9.7	75522.0	-6225.4	1013	9.2	82156.0	-6221.3
744	10.0	65640.5	-6258.9	834	9.2	72625.5	-6231.3	924	9.4	75536.0	-6232.2	1014	9.9	82233.0	-6252.4
745	9.8	65642.5	-6238.3	835	9.2	72850.1	-6234.2	925	6.4	75536.5	-6257.7	1015	9.4	82246.0	-6235.4
746	9.0	65747.5	-6211.0	836	9.4	72933.2	-6228.3	926	9.7	75542.5	-6225.8	1016	10.0	82249.5	-6229.8
747	9.4	65809.0	-6244.0	837	9.2	72945.3	-6214.9	927	9.1	75609.0	-6252.3	1017	9.1	82254.5	-6247.4
748	9.4	65838.5	-6213.1	838	9.0	73005.5	-6232.9	928	9.7	75613.5	-6203.6	1018	9.0	82256.5	-6242.0
749	9.7	65843.0	-6255.3	839	9.7	73126.5	-6241.9	929	9.7	75615.0	-6243.6	1019	9.6	82302.5	-6207.8
750	9.1	65911.2	-6239.8	840	9.1	73126.5	-6256.7	930	8.9	75628.0	-6253.3	1020	9.0	82332.5	-6229.0
751	9.4	65925.0	-6213.1	841	9.5	73129.3	-6202.6	931	9.7	75633.0	-6227.1	1021	10.0	82412.5	-6241.2
752	9.3	65932.5	-6207.1	842	9.6	73135.5	-6213.0	932	8.0	75639.0	-6247.4	1022	9.2	82443.0	-6202.0
753	9.2	65943.5	-6224.7	843	9.0	73151.5	-6224.9	933	9.7	75640.0	-6249.5	1023	9.4	82534.5	-6257.1
754	9.4	65949.5	-6203.7	844	8.4	73246.3	-6208.3	934	9.7	75658.0	-6255.5	1024	10.0	82546.5	-6245.2
755	8.8	70011.5	-6232.7	845	9.7	73338.5	-6211.5	935	9.7	75734.0	-6235.4	1025	9.2	82617.5	-6232.5
756	9.6	70037.5	-6247.5	846	8.4	73340.5	-6245.8	936	9.7	75801.0	-6243.4	1026	10.0	82639.0	-6235.0
757	9.3	70123.0	-6223.1	847	9.7	73347.5	-6238.0	937	9.6	75851.0	-6236.6	1027	9.8	82641.5	-6242.9
758	9.7	70153.5	-6238.8	848	8.9	73356.5	-6240.7	938	9.4	75920.0	-6240.4	1028	9.6	82649.5	-6213.1
759	9.4	70218.3	-6223.7	849	9.3	73358.0	-6232.6	939	9.7	75927.5	-6232.4	1029	9.8	82715.0	-6242.1
760	9.7	70257.5	-6239.0	850	9.7	73424.5	-6202.2	940	8.9	75942.0	-6238.2	1030	8.1	82722.5	-6251.4
761	9.6	70306.5	-6238.6	851	9.4	73424.5	-6206.6	941	8.7	75953.0	-6230.3	1031	8.8	82825.0	-6239.3
762	9.1	70309.0	-6228.6	852	9.5	73451.5	-6216.1	942	8.6	75958.5	-6204.6	1032	9.7	82855.0	-6253.2
763	9.4	70354.5	-6259.1	853	9.6	73557.5	-6259.0	943	9.4	75959.5	-6245.0	1033	9.4	82904.7	-6235.5
764	8.9	70449.0	-6255.2	854	8.2	73618.0	-6201.2	944	9.2	80008.0	-6237.2	1034	10.0	82906.5	-6240.0
765	9.7	70457.5	-6256.0	855	9.4	73620.5	-6219.9	945	9.1	80036.0	-6258.5	1035	8.8	82907.0	-6233.9
766	9.4	70505.5	-6234.5	856	9.2	73631.0	-6208.8	946	9.7	80202.5	-6225.4	1036	10.0	82908.5	-6245.4
767	9.5	70540.3	-6259.0	857	8.8	73658.0	-6207.7	947	9.6	80205.0	-6217.1	1037	9.6	82917.0	-6246.9
768	9.2	70545.0	-6240.1	858	9.7	73712.5	-6224.0	948	9.6	80214.5	-6254.9	1038	9.6	83024.5	-6214.0
769	9.4	70651.5	-6237.1	859	9.7	73715.5	-6222.3	949	9.2	80214.5	-6231.0	1039	9.6	83027.5	-6225.9
770	9.4	70652.5	-6254.4	860	9.4	73729.0	-6229.7	950	9.4	80216.0	-6241.4	1040	9.5	83031.0	-6213.6
771	9.4	70713.3	-6215.2	861	9.2	73732.5	-6222.6	951	9.6	80224.5	-6222.1	1041	9.5	83033.0	-6230.6
772	9.4	70713.5	-6235.0	862	9.5	73751.0	-6259.3	952	8.5	80243.3	-6228.9	1042	9.2	83039.5	-6205.0
773	9.4	70714.5	-6251.0	863	9.6	73757.5	-6252.1	953	6.8	80255.0	-6228.7	1043	8.9	83134.0	-6253.1
774	9.3	70724.5	-6245.4	864	9.7	73759.5	-6210.9	954	9.4	80312.0	-6243.0	1044	10.0	83134.5	-6232.6
775	9.7	70737.5	-6254.0	865	9.4	73833.0	-6202.0	955	9.4	80411.5	-6239.1	1045	10.0	83141.5	-6224.8
776	9.4	70742.0	-6227.1	866	9.7	73915.5	-6242.3	956	9.6	80447.5	-6233.7	1046	8.5	83200.0	-6229.6
777	9.4	70745.0	-6211.1	867	8.6	73953.5	-6225.9	957	9.6	80454.5	-6243.6	1047	9.5	83203.5	-6217.4
778	7.9	70817.5	-6206.1	868	8.7	73954.0	-6203.8	958	9.5	80459.8	-6224.0	1048	9.0	83205.0	-6214.8
779	9.3	70832.0	-6209.1	869	9.7	74000.0	-6214.5	959	9.6	80639.8	-6233.6	1049	9.6	83215.0	-6213.0
780	9.2	70834.5	-6212.1	870	9.4	74018.5	-6250.2	960	9.2	80650.7	-6216.7	1050	9.5	83236.0	-6201.5
781	9.2	70847.5	-6213.1	871	8.8	74035.7	-6240.0	961	9.6	80726.0	-6215.5	1051	9.6	83251.5	-6218.0
782	8.9	70858.0	-6248.7	872	8.8	74051.5	-6256.4	962	9.3	80754.5	-6254.6	1052	9.3	83305.5	-6248.6
783	9.4	70901.3	-6221.2	873	9.2	74106.5	-6211.0	963	9.5	80757.5	-6235.1	1053	9.6	83307.0	-6217.0
784	9.4	70902.3	-6220.6	874	9.6	74128.0	-6203.9	964	9.3	80757.7	-6205.9	1054	9.2	83313.0	-6241.2
785	9.0	70955.5	-6232.8	875	8.6	74218.0	-6259.6	965	9.6	80810.5	-6203.3	1055	8.7	83430.0	-6226.9
786	9.4	71004.3	-6233.5	876	9.6	74228.5	-6243.4	966	9.4	80855.0	-6256.1	1056	9.6	83436.5	-6209.8
787	9.1	71037.5	-6209.2	877	9.6	74239.0	-6214.9	967	8.5	80856.8	-6231.6	1057	10.0	83503.5	-6257.9
788	9.5	71043.5	-6257.4	878	8.3	74308.0	-6208.9	968	9.2	80904.5	-6229.9	1058	7.2	83505.0	-6224.8
789	6.7	71051.0	-6258.7	879	9.2	74335.0	-6202.9	969	9.0	80907.5	-6227.7	1059	9.5	83511.0	-6249.9
790	8.9	71107.0	-6252.3	880	9.0	74338.5	-6204.9	970	9.6	80920.0	-6201.6	1060	8.4	83521.5	-6205.3
791	9.4	71215.5	-6215.4	881	9.2	74353.5	-6215.6	971	9.6	80936.8	-6201.2	1061	9.6	83544.7	-6230.0
792	9.7	71217.0	-6253.7	882	9.0	74406.2	-6259.5	972	9.2	80954.0	-6205.5	1062	9.4	83604.0	-6252.8
793	9.7	71219.0	-6241.0	883	9.6	74407.0	-6238.1	973	9.2	80954.5	-6206.5	1063	8.8	83613.5	-6224.0
794	9.7	71226.0	-6247.8	884	9.0	74411.5	-6248.4	974	9.1	81020.5	-6247.3	1064	9.9	83645.5	-6255.6
795	9.4	71241.5	-6231.8	885	9.7	74500.5	-6233.9	975	9.6	81035.0	-6229.4	1065	9.7	83652.0	-6244.9
796	8.1	71242.5	-6249.0	886	9.0	74501.0	-6243.0	976	9.3	81100.5	-6257.2	1066	8.8	83725.0	-6205.0
797	9.4	71253.3	-6214.0	887	9.3	74528.0	-6218.3	977	9.7	81111.0	-6251.6	1067	10.0	83731.5	-6243.9
798	9.4	71256.5	-6252.8	888	9.7	74543.5	-6226.2	978	8.2	81132.5	-6206.5	1068	9.1	83803.3	-6208.4
799	9.2	71303.5	-6220.6	889	9.6	74551.5	-6214.5	979	9.6	81135.0	-6224.7	1069	9.6	83803.8	-6206.8
800	9.4	71309.5	-6205.2	890	9.1	74603.0	-6240.3	980	8.4	81200.5	-6203.3	1070	10.0	83810.5	-6235.4
801	9.4	71313.0	-6206.2	891	9.7	74618.5	-6256.1	981	9.7	81221.0	-6235.8	1071	9.0	83814.3	-6200.3
802	9.7	71327.0	-6249.8	892	9.6	74642.0	-6221.6	982	8.9	81225.0	-6207.0	1072	7.8	83818.5	-6244.4
803	8.3	71329.0	-6250.7	893	9.7	74646.0	-6245.0	983	9.7	81238.0	-6250.8	1073	9.9	83819.5	-6241.0
804	9.4	71349.0	-6225.1	894	8.9	74704.5	-6206.0	984	9.6	81245.7	-6222.1	1074	9.9	83827.5	-6240.2
805	9.4	71423.5	-6257.0	895	9.2	74719.0	-6225.0	985	6.0	81321.5	-6231.8	1075	9.5	83833.0	-6208.2
806	9.1	71426.0	-6257.4	896	9.7	74800.0	-6206.5	986	9.6	81351.3	-6228.9	1076	9.2	83833.2	-6206.5
807	9.7	71444.0	-6236.0	897	9.2	74810.5	-6210.0	987	9.4	81359.0	-6228.4	1077	9.1	84012.5	-6243.6
808	9.4	71449.5	-6200.5	898	9.7	74829.5	-6236.9	988	9.2	81359.7	-6228.5	1078	9.9	84048.7	-6226.1
809	9.4	71549.5	-6230.0	899	9.6	74845.0	-6209.0	989	9.4	81436.0	-6249.8	1079	8.8	84058.5	-6247.0
810	9.2	71552.5	-6212.8	900	9.6	74905.0	-6234.9	990	9.2	81503.0	-6219.8	1080	9.7	84122.5	-6255.8
811	9.7	71601.0	-6239.7	901	9.4	74913.5	-6227.6	991	9.5	81524.5	-6211.2	1081	9.2	84132.8	-6211.3

1082	9.2	84152.5	-6237.2	1172	9.7	90458.5	-6226.6	1262	9.1	93308.5	-6206.7
1083	10.0	84153.5	-6203.8	1173	8.8	90501.5	-6223.2	1263	9.6	93308.5	-6223.3
1084	9.8	84159.0	-6213.9	1174	9.8	90503.0	-6214.0	1264	9.8	93418.5	-6204.7
1085	9.2	84159.5	-6245.0	1175	9.6	90509.5	-6207.7	1265	9.8	93428.0	-6222.0
1086	8.5	84203.3	-6204.2	1176	9.8	90545.5	-6200.7	1266	9.4	93450.0	-6258.7
1087	9.6	84208.8	-6217.9	1177	9.9	90609.5	-6201.8	1267	8.7	93502.0	-6246.1
1088	9.6	84210.2	-6201.5	1178	9.9	90618.5	-6215.0	1268	9.8	93514.0	-6224.1
1089	8.8	84242.0	-6233.9	1179	9.8	90619.5	-6217.3	1269	9.5	93515.0	-6243.9
1090	9.8	84309.5	-6238.8	1180	10.0	90719.5	-6216.9	1270	9.1	93537.5	-6234.2
1091	10.0	84318.0	-6211.1	1181	9.3	90724.0	-6224.0	1271	9.8	93540.0	-6218.1
1092	9.9	84320.5	-6237.0	1182	10.0	90745.5	-6202.3	1272	8.6	93545.5	-6238.1
1093	9.2	84329.5	-6233.5	1183	10.0	90749.5	-6201.3	1273	9.3	93551.5	-6218.0
1094	9.2	84409.5	-6224.2	1184	9.9	90802.0	-6204.3	1274	9.7	93552.0	-6226.0
1095	8.1	84425.0	-6243.8	1185	9.6	90806.0	-6216.2	1275	9.7	93553.0	-6235.0
1096	10.0	84434.5	-6207.9	1186	9.5	90819.5	-6241.4	1276	9.8	93612.5	-6231.2
1097	10.0	84449.0	-6217.8	1187	9.8	90828.0	-6217.2	1277	7.6	93613.5	-6241.4
1098	10.0	84454.0	-6212.8	1188	8.8	90833.0	-6225.9	1278	9.0	93621.5	-6240.2
1099	9.6	84455.7	-6233.5	1189	10.0	90845.0	-6215.6	1279	6.7	93628.5	-6222.5
1100	9.3	84456.0	-6244.2	1190	9.5	90925.0	-6252.1	1280	8.2	93708.0	-6226.1
1101	9.9	84543.5	-6255.0	1191	9.2	90933.0	-6240.4	1281	9.8	93734.0	-6219.4
1102	8.8	84602.5	-6258.0	1192	8.0	90935.5	-6223.9	1282	9.8	93739.0	-6223.0
1103	9.8	84645.5	-6255.8	1193	10.0	91005.5	-6227.2	1283	9.8	93751.5	-6221.0
1104	8.0	84709.0	-6202.5	1194	8.6	91019.0	-6208.7	1284	9.8	93833.0	-6224.6
1105	7.8	84718.5	-6243.0	1195	10.0	91026.5	-6209.3	1285	8.0	93840.0	-6217.2
1106	10.0	84729.5	-6249.0	1196	9.6	91032.0	-6218.1	1286	9.7	93844.0	-6215.0
1107	10.0	84740.5	-6239.8	1197	10.0	91043.5	-6227.9	1287	9.7	93848.0	-6221.0
1108	10.0	84745.5	-6209.1	1198	9.3	91114.5	-6241.2	1288	9.4	93913.0	-6254.8
1109	8.5	84756.0	-6216.4	1199	9.6	91119.5	-6218.0	1289	8.0	93913.0	-6210.6
1110	10.0	84801.5	-6247.1	1200	8.8	91127.5	-6212.7	1290	9.8	93916.0	-6207.5
1111	8.9	84819.0	-6239.3	1201	9.2	91129.0	-6212.3	1291	9.5	93918.0	-6253.0
1112	9.7	84848.5	-6214.3	1202	9.0	91148.0	-6239.2	1292	9.5	93950.2	-6258.3
1113	9.8	84855.5	-6253.0	1203	9.9	91238.0	-6202.8	1293	9.6	93951.0	-6238.8
1114	9.0	84909.0	-6212.1	1204	10.0	91248.0	-6209.5	1294	9.3	93953.7	-6242.0
1115	9.0	84920.0	-6214.0	1205	9.0	91250.0	-6242.4	1295	9.9	93954.5	-6229.9
1116	9.9	84927.0	-6249.0	1206	9.5	91302.5	-6229.5	1296	9.8	94001.5	-6233.6
1117	9.9	84931.0	-6249.0	1207	10.0	91305.5	-6208.1	1297	9.8	94023.5	-6252.8
1118	8.8	84948.7	-6259.9	1208	10.0	91308.0	-6206.8	1298	9.9	94057.5	-6245.6
1119	10.0	84955.5	-6209.9	1209	8.5	91320.0	-6221.2	1299	9.6	94106.5	-6238.2
1120	7.8	85005.0	-6223.2	1210	9.4	91323.5	-6218.2	1300	9.8	94109.5	-6241.9
1121	9.6	85018.0	-6236.0	1211	10.0	91328.5	-6225.9	1301	8.9	94119.0	-6229.6
1122	10.0	85031.5	-6241.0	1212	8.4	91342.5	-6209.4	1302	9.9	94127.5	-6228.9
1123	9.6	85036.5	-6256.9	1213	10.0	91422.5	-6210.8	1303	9.9	94138.0	-6257.3
1124	10.0	85050.0	-6212.5	1214	8.2	91425.7	-6223.4	1304	9.9	94205.5	-6258.6
1125	9.9	85105.5	-6226.9	1215	8.4	91447.0	-6251.8	1305	9.9	94208.5	-6242.8
1126	9.6	85213.5	-6221.0	1216	9.8	91525.0	-6201.5	1306	9.7	94209.5	-6225.8
1127	8.6	85240.0	-6225.3	1217	8.9	91535.4	-6225.9	1307	9.3	94216.0	-6229.0
1128	10.0	85240.5	-6226.3	1218	9.9	91536.5	-6218.6	1308	9.8	94218.0	-6215.0
1129	9.8	85248.5	-6231.9	1219	8.0	91624.8	-6212.2	1309	9.9	94233.0	-6251.0
1130	9.7	85253.5	-6243.4	1220	9.6	91628.0	-6215.2	1310	8.7	94240.0	-6229.6
1131	9.6	85327.0	-6212.9	1221	9.8	91757.7	-6232.5	1311	9.3	94242.5	-6208.7
1132	9.6	85334.0	-6233.0	1222	9.4	91823.5	-6245.2	1312	9.9	94255.5	-6236.6
1133	9.8	85340.0	-6200.8	1223	8.7	91830.0	-6228.9	1313	9.6	94311.0	-6241.0
1134	9.8	85342.5	-6235.4	1224	8.7	91855.0	-6232.2	1314	9.5	94312.0	-6239.7
1135	9.3	85351.5	-6243.7	1225	9.8	91856.0	-6222.0	1315	7.9	94316.5	-6207.9
1136	8.3	85354.0	-6259.0	1226	9.8	91907.2	-6222.1	1316	9.3	94318.0	-6227.4
1137	9.3	85402.5	-6256.4	1227	9.2	91924.0	-6243.2	1317	9.7	94416.5	-6240.4
1138	7.6	85413.0	-6234.0	1228	9.5	91930.5	-6244.9	1318	9.9	94422.5	-6228.4
1139	9.8	85434.0	-6255.0	1229	10.0	91937.7	-6230.0	1319	9.6	94508.0	-6237.8
1140	9.7	85436.5	-6242.0	1230	9.9	91939.5	-6217.0	1320	8.9	94508.5	-6216.3
1141	8.6	85459.0	-6224.8	1231	10.0	91949.0	-6226.8	1321	9.3	94517.0	-6247.0
1142	9.7	85508.5	-6221.9	1232	9.3	91949.3	-6207.0	1322	9.9	94532.0	-6256.3
1143	9.8	85637.0	-6205.9	1233	9.8	92232.5	-6228.4	1323	9.4	94534.0	-6205.9
1144	9.6	85649.0	-6213.2	1234	9.3	92235.0	-6218.6	1324	7.8	94537.0	-6226.2
1145	6.8	85652.5	-6258.7	1235	9.8	92356.5	-6229.9	1325	9.8	94538.5	-6204.0
1146	9.3	85655.0	-6232.9	1236	9.3	92410.5	-6207.9	1326	9.9	94542.5	-6233.5
1147	9.3	85703.0	-6210.9	1237	9.2	92425.0	-6203.0	1327	8.2	94550.0	-6234.1
1148	7.9	85733.5	-6230.2	1238	9.3	92438.5	-6221.4	1328	9.8	94552.5	-6225.7
1149	9.9	85739.5	-6202.2	1239	8.6	92546.0	-6240.0	1329	9.0	94607.5	-6243.3
1150	9.6	85748.5	-6230.4	1240	9.7	92548.5	-6233.5	1330	9.8	94615.5	-6201.6
1151	9.3	85756.3	-6251.1	1241	9.3	92552.5	-6257.0	1331	9.7	94629.0	-6247.4
1152	9.7	85839.0	-6233.5	1242	8.1	92602.5	-6253.6	1332	9.6	94641.0	-6256.1
1153	9.7	85945.0	-6207.9	1243	9.4	92618.5	-6219.5	1333	9.5	94646.0	-6257.6
1154	9.7	85953.5	-6213.5	1244	9.8	92636.0	-6207.9	1334	9.9	94658.5	-6233.5
1155	9.6	90007.5	-6206.4	1245	9.1	92658.0	-6224.2	1335	7.5	94724.5	-6209.5
1156	9.8	90010.0	-6213.7	1246	9.5	92659.0	-6209.4	1336	9.9	94733.0	-6236.4
1157	9.6	90010.5	-6205.9	1247	9.8	92707.5	-6228.3	1337	8.2	94739.5	-6235.4
1158	10.0	90013.0	-6231.9	1248	9.8	92709.5	-6227.9	1338	9.0	94803.5	-6225.8
1159	9.3	90014.0	-6205.7	1249	9.4	92720.0	-6257.4	1339	9.4	94814.5	-6224.1
1160	9.7	90058.0	-6232.8	1250	9.8	92723.0	-6206.3	1340	9.8	94825.5	-6201.8
1161	9.9	90134.0	-6200.2	1251	9.8	92748.0	-6213.6	1341	8.6	94840.0	-6204.1
1162	9.8	90144.5	-6202.4	1252	9.4	92840.0	-6221.8	1342	9.6	94844.0	-6224.0
1163	8.8	90221.5	-6256.2	1253	30.0	92906.5	-6214.1	1343	8.6	94853.0	-6210.7
1164	8.9	90225.0	-6216.9	1254	9.8	93009.0	-6201.5	1344	9.4	94900.0	-6257.1
1165	9.5	90233.5	-6257.9	1255	9.4	93018.5	-6209.9	1345	9.6	94907.0	-6258.0
1166	9.4	90253.0	-6220.4	1256	8.9	93037.0	-6240.4	1346	9.8	94909.0	-6219.7
1167	9.6	90323.5	-6220.7	1257	8.2	93037.0	-6255.1	1347	9.1	94933.5	-6255.4
1168	7.6	90403.5	-6220.7	1258	9.8	93038.5	-6221.9	1348	9.7	94947.5	-6221.7
1169	10.0	90410.0	-6204.8	1259	9.4	93201.5	-6214.9	1349	9.5	95012.5	-6249.9
1170	9.5	90432.5	-6253.2	1260	9.5	93253.0	-6257.1	1350	9.6	95019.0	-6221.1
1171	9.2	90441.5	-6229.5	1261	9.6	93259.0	-6224.0	1351	9.9	95022.0	-6229.6
1352	9.4	95037.0	-6248.8								
1353	9.9	95040.0	-6248.7								
1354	9.8	95043.5	-6231.0								
1355	9.9	95047.0	-6229.9								
1356	8.6	95102.5	-6251.6								
1357	9.4	95111.5	-6219.4								
1358	8.5	95122.0	-6240.3								
1359	9.8	95129.5	-6234.9								
1360	9.0	95131.0	-6257.0								
1361	9.6	95134.0	-6259.1								
1362	9.9	95138.0	-6243.5								
1363	9.7	95159.0	-6252.0								
1364	9.8	95201.0	-6237.9								
1365	9.0	95229.5	-6259.1								
1366	8.8	95230.8	-6231.0								
1367	10.0	95237.0	-6200.6								
1368	9.9	95310.5	-6249.9								
1369	9.9	95311.0	-6248.1								
1370	7.7	95322.5	-6247.5								
1371	9.6	95328.5	-6202.4								
1372	10.0	95345.5	-6202.8								
1373	9.9	95354.5	-6251.0								
1374	9.7	95403.0	-6258.3								
1375	8.9	95412.0	-6209.9								
1376	9.9	95412.5	-6244.1								
1377	10.0	95417.0	-6202.4								
1378	9.8	95429.0	-6229.3								
1379	9.6	95430.0	-6248.8								
1380	9.2	95431.0	-6237.7								
1381	9.1	95432.5	-6245.9								
1382	10.0	95456.5	-6209.8								
1383	9.4	95500.0	-6259.3								
1384	9.6	95507.5	-6205.9								
1385	9.8	95511.7	-6200.0								
1386	9.6	95528.0	-6244.0								
1387	8.3	95529.0	-6244.8								
1388	9.6	95532.5	-6227.9								
1389	10.0	95542.3	-6201.8								
1390	10.0	95552.5	-6203.0								
1391	9.5	95600.5	-6237.2								
1392	10.0	95616.5	-6200.8								
1393	9.8	95622.0	-6252.0								
1394	10.0	95631.5	-6212.0								
1395	9.6	95649.0	-6256.0								
1396	10.0	95655.5	-6227.7								
1397	9.7	95703.5	-6228.5								
1398	9.7	95704.5	-6214.8								
1399	9.5	95737.5	-6204.0								
1400	9.6	95748.0	-6218.9								
1401	9.1	95750.0	-6208.2								
1402	8.7	95750.0	-6214.9								
1403	9.2	95803.0	-6254.0								
1404	9.5	95809.0	-6250.8								
1405	10.0	95816.5	-6208.8								
1406	9.9	95818.5	-6246.2								
1407	10.0	95819.5	-6211.5								
1408	9.4	95822.0	-6247.1								
1409	9.4	95824.2	-6225.6								
1410	9.8	95829.5	-6246.5								
1411	9.9	95858.0	-6251.1								
1412	9.6	95901.5	-6209.7								
1413	9.9	95918.5	-6248.4								
1414	9.9	95927.0	-6202.8								
1415	8.9	95939.0	-6255.0								
1416	8.8	95942.5	-6234.8								
1417	9.9	95942.5	-6242.1								
1418	9.0	95949.0	-6245.1								
1419	9.2	95952.0	-6242.6								
1420	9.6	100004.0	-6237.2								
1421	9.8	100007.0	-6238.0								
1422	9.8	100020.0	-6220.5								
1423	9.5	100034.0	-6241.1								
1424	9.4	100043.0	-6226.4								
1425	9.2	100045.5	-6212.9								
1426	8.8	100049.5	-6239.3								
1427	9.2	100103.0	-6236.9								
1428	10.0	100103.5	-6202.3								
1429	8.6	100132.5	-6214.7								
1430	9.7	100205.5	-6201.8								
1431	9.8	100210.5	-6208.0								
1432	9.6	100212.0	-6245.8								
1433	9.2	100239.5	-6248.5								
1434	9.0	100248.5	-6251.0								
1435	9.8	100306.5	-6253.6								
1436	9.9	100330.5	-6244.7								
1437	9.1	100339.5	-6233.2								
1438	8.3	100341.0	-6202.7								
1439	9.0	100349.0	-6200.8								
1440	9.6	100357.0	-6247.3								
1441	9.6	100406.5	-6222.9								

-62 1442 10h04m

-62 1801 10h48m

1442	9.6	100415.5	-6256.0	1532	9.6	101638.0	-6219.0	1622	8.8	102722.0	-6236.2
1443	9.8	100424.5	-6219.3	1533	10.0	101645.5	-6200.1	1623	9.9	102725.5	-6239.6
1444	10.0	100427.5	-6217.4	1534	9.0	101646.5	-6241.6	1624	8.8	102728.5	-6250.9
1445	10.0	100441.8	-6207.8	1535	8.7	101650.5	-6249.3	1625	10.0	102730.5	-6202.1
1446	9.0	100444.0	-6253.9	1536	9.6	101650.5	-6257.9	1626	9.8	102731.0	-6239.8
1447	8.8	100448.5	-6210.6	1537	9.7	101657.0	-6247.9	1627	9.6	102733.0	-6207.5
1448	10.0	100452.5	-6202.2	1538	8.9	101659.5	-6224.1	1628	9.8	102754.5	-6232.0
1449	9.6	100456.0	-6219.8	1539	9.2	101708.5	-6205.9	1629	9.9	102800.8	-6249.6
1450	10.0	100532.0	-6203.3	1540	9.4	101712.0	-6208.9	1630	10.0	102804.5	-6232.4
1451	10.0	100543.8	-6206.9	1541	9.7	101716.0	-6251.2	1631	9.7	102813.0	-6256.2
1452	9.5	100601.5	-6210.5	1542	10.0	101731.0	-6206.0	1632	9.7	102826.5	-6231.3
1453	10.0	100610.0	-6213.1	1543	9.9	101733.0	-6249.8	1633	9.9	102843.0	-6253.8
1454	9.6	100618.5	-6213.8	1544	9.9	101740.5	-6230.8	1634	9.6	102846.0	-6253.6
1455	10.0	100620.5	-6222.2	1545	9.2	101742.5	-6258.5	1635	9.8	102900.0	-6256.0
1456	10.0	100623.0	-6231.5	1546	9.7	101749.5	-6224.4	1636	9.5	102912.5	-6206.9
1457	9.8	100626.0	-6211.2	1547	8.8	101803.0	-6258.4	1637	10.0	102915.4	-6233.9
1458	9.8	100636.5	-6210.6	1548	10.0	101805.5	-6214.0	1638	9.6	102918.5	-6242.2
1459	8.9	100639.5	-6243.6	1549	9.7	101810.5	-6250.4	1639	9.8	102924.0	-6245.4
1460	9.2	100641.0	-6256.7	1550	10.0	101829.0	-6213.0	1640	9.6	102929.0	-6217.8
1461	10.0	100646.5	-6219.7	1551	9.1	101836.5	-6236.6	1641	9.6	102929.5	-6255.0
1462	9.4	100706.0	-6206.3	1552	9.2	101843.5	-6223.8	1642	9.2	102951.0	-6257.0
1463	10.0	100717.0	-6201.5	1553	9.0	101851.0	-6246.1	1643	9.8	102952.5	-6204.3
1464	9.9	100718.0	-6201.2	1554	9.8	101859.0	-6221.0	1644	9.9	102953.0	-6234.1
1465	10.0	100726.0	-6232.1	1555	9.3	101915.3	-6252.0	1645	9.6	102956.0	-6258.8
1466	9.9	100727.5	-6231.7	1556	9.6	101916.5	-6248.0	1646	9.9	103009.5	-6218.9
1467	10.0	100730.5	-6231.8	1557	8.8	101923.2	-6248.8	1647	9.7	103022.5	-6257.0
1468	10.0	100731.0	-6206.1	1558	9.9	101927.0	-6248.6	1648	9.7	103028.0	-6200.9
1469	9.9	100732.5	-6219.0	1559	9.8	101930.5	-6237.6	1649	9.7	103035.5	-6233.0
1470	10.0	100737.0	-6228.9	1560	9.9	101932.0	-6230.4	1650	9.6	103038.5	-6236.6
1471	9.0	100748.0	-6230.4	1561	9.1	101935.7	-6227.7	1651	9.9	103040.0	-6219.4
1472	9.5	100758.0	-6217.7	1562	9.6	102003.5	-6229.0	1652	9.8	103043.0	-6245.1
1473	9.5	100832.5	-6208.3	1563	9.1	102026.2	-6254.5	1653	9.9	103049.5	-6228.5
1474	9.0	100836.0	-6255.0	1564	9.6	102031.5	-6247.1	1654	9.6	103051.0	-6242.2
1475	9.2	100840.0	-6202.9	1565	10.0	102043.0	-6211.0	1655	9.5	103106.0	-6258.2
1476	9.4	100852.0	-6240.2	1566	9.1	102051.7	-6259.7	1656	9.9	103111.5	-6243.4
1477	9.8	100855.5	-6242.9	1567	9.0	102102.5	-6242.9	1657	9.8	103151.0	-6246.6
1478	10.0	100902.5	-6228.6	1568	9.6	102109.5	-6233.3	1658	9.8	103154.0	-6248.6
1479	9.8	100937.5	-6204.8	1569	9.7	102128.0	-6253.0	1659	9.1	103155.5	-6233.7
1480	9.5	100939.5	-6222.9	1570	9.9	102135.0	-6259.2	1660	9.8	103200.5	-6237.6
1481	9.9	100948.5	-6256.3	1571	9.8	102141.0	-6243.0	1661	9.3	103200.5	-6240.6
1482	9.9	100951.5	-6210.3	1572	8.8	102143.5	-6231.4	1662	9.7	103208.5	-6259.8
1483	9.5	100957.0	-6200.2	1573	8.9	102154.5	-6213.4	1663	9.5	103224.0	-6226.6
1484	9.2	101006.5	-6207.1	1574	9.5	102200.5	-6247.6	1664	9.9	103230.5	-6237.0
1485	9.2	101009.5	-6200.5	1575	9.4	102202.5	-6237.6	1665	9.9	103234.0	-6221.8
1486	9.2	101013.0	-6248.7	1576	9.4	102202.5	-6215.4	1666	9.5	103249.5	-6245.2
1487	10.0	101017.0	-6230.5	1577	7.5	102203.5	-6239.8	1667	9.6	103259.0	-6253.9
1488	9.6	101032.5	-6223.5	1578	9.2	102204.5	-6255.5	1668	9.2	103300.5	-6238.2
1489	9.8	101032.5	-6249.2	1579	9.8	102235.0	-6230.5	1669	9.6	103304.0	-6213.8
1490	9.6	101053.5	-6225.7	1580	9.4	102239.0	-6215.1	1670	9.2	103306.0	-6254.8
1491	10.0	101119.5	-6209.9	1581	9.7	102241.5	-6248.0	1671	9.9	103307.0	-6227.0
1492	9.8	101137.0	-6231.3	1582	9.0	102251.0	-6258.2	1672	9.7	103309.5	-6229.2
1493	10.0	101157.0	-6222.9	1583	9.6	102256.0	-6237.2	1673	9.9	103311.7	-6234.9
1494	9.4	101158.0	-6256.8	1584	10.0	102300.5	-6213.2	1674	9.6	103312.5	-6241.3
1495	9.7	101159.5	-6215.0	1585	9.9	102310.0	-6243.7	1675	8.7	103313.3	-6259.0
1496	10.0	101204.5	-6232.7	1586	9.9	102311.0	-6243.7	1676	9.9	103319.5	-6233.9
1497	9.7	101209.5	-6225.3	1587	9.6	102319.5	-6244.6	1677	9.6	103321.5	-6239.0
1498	8.7	101228.5	-6215.9	1588	8.3	102320.0	-6253.2	1678	9.9	103329.0	-6242.2
1499	9.4	101228.5	-6254.9	1589	8.4	102321.0	-6223.0	1679	8.2	103339.0	-6224.4
1500	9.7	101249.5	-6213.1	1590	9.2	102330.5	-6203.2	1680	9.9	103340.5	-6231.1
1501	9.8	101250.0	-6256.6	1591	9.2	102338.0	-6210.0	1681	9.9	103352.0	-6227.4
1502	10.0	101303.0	-6204.5	1592	9.9	102338.5	-6242.6	1682	9.4	103352.5	-6230.5
1503	9.4	101306.5	-6254.8	1593	10.0	102346.5	-6200.3	1683	9.8	103401.0	-6210.5
1504	10.0	101306.8	-6218.4	1594	9.6	102351.0	-6234.3	1684	9.9	103401.0	-6242.7
1505	10.0	101309.5	-6216.3	1595	6.8	102403.5	-6231.5	1685	9.6	103405.0	-6258.0
1506	10.0	101320.5	-6221.1	1596	9.9	102418.0	-6234.0	1686	9.8	103409.5	-6220.5
1507	9.8	101332.5	-6258.1	1597	9.0	102431.0	-6240.6	1687	9.7	103411.0	-6231.7
1508	9.6	101341.0	-6207.2	1598	10.0	102440.0	-6205.9	1688	9.3	103413.5	-6255.4
1509	9.0	101345.5	-6246.0	1599	10.0	102444.0	-6223.1	1689	9.9	103416.0	-6226.8
1510	9.6	101347.0	-6216.4	1600	9.4	102450.0	-6244.4	1690	9.0	103419.5	-6205.9
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1515	10.0	101400.5	-6215.0	1605	9.6	102508.0	-6250.0	1695	8.6	103444.0	-6206.0
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1519	9.6	101440.5	-6201.1	1609	9.6	102528.5	-6238.0	1699	9.5	103527.0	-6256.2
1520	8.9	101441.0	-6240.5	1610	9.6	102534.0	-6254.0	1700	9.5	103531.0	-6236.0
1521	9.6	101446.5	-6241.5	1611	9.3	102538.0	-6203.3	1701	9.5	103532.0	-6239.6
1522	9.8	101452.0	-6239.8	1612	8.3	102541.0	-6204.5	1702	9.8	103533.5	-6221.8
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1525	9.4	101535.5	-6224.0	1615	8.8	102611.0	-6255.0	1705	9.4	103551.2	-6227.8
1526	10.0	101549.0	-6225.0	1616	9.6	102615.0	-6206.9	1706	9.0	103600.0	-6219.9
1527	9.9	101609.0	-6245.6	1617	9.5	102622.0	-6255.2	1707	9.6	103603.5	-6219.8
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1529	9.5	101611.0	-6204.4	1619	9.8	102649.5	-6228.2	1709	9.7	103614.0	-6230.9
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1714	9.9	103652.0	-6217.9								
1715	9.9	103652.0	-6232.3								
1716	9.9	103657.0	-6231.0								
1717	9.4	103713.0	-6253.1								
1718	8.9	103725.0	-6217.5								
1719	9.6	103726.5	-6243.6								
1720	8.0	103729.5	-6251.2								
1721	9.8	103753.5	-6208.9								
1722	9.6	103804.5	-6257.2								
1723	9.9	103807.0	-6224.0								
1724	9.2	103823.5	-6238.2								
1725	9.6	103828.0	-6217.0								
1726	9.1	103830.0	-6219.1								
1727	9.7	103839.5	-6203.0								
1728	8.8	103844.0	-6221.1								
1729	9.5	103845.0	-6244.2								
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1733	9.1	103929.0	-6230.9								
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1737	9.6	104030.0	-6203.7								
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1739	8.8	104045.0	-6205.5								
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1761	9.4	104344.5	-6244.0								
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1763	9.2	104352.0	-6252.0								
1764	9.7	104354.5	-6225.9								
1765	9.8	104405.5	-6219.9								
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1793	9.8	104812.0	-6237.7								
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1805 9.8 104916.0 -6223.5	1895 9.3 110254.5 -6242.0	1985 9.8 111748.5 -6224.1	2075 8.0 112527.5 -6215.4
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1815 9.6 105015.5 -6226.1	1905 10.0 110500.5 -6201.4	1995 8.8 111851.8 -6235.1	2085 9.2 112613.0 -6244.1
1816 9.4 105022.0 -6228.5	1906 9.7 110508.0 -6259.8	1996 10.0 111852.8 -6229.9	2086 9.7 112619.0 -6205.8
1817 9.7 105030.5 -6230.9	1907 9.6 110509.0 -6203.2	1997 8.2 111900.0 -6239.3	2087 10.0 112631.5 -6216.9
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1819 9.9 105045.0 -6242.2	1909 9.2 110537.0 -6221.6	1999 9.7 111907.0 -6249.1	2089 10.0 112633.5 -6212.8
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1822 9.9 105140.0 -6220.8	1912 9.2 110615.1 -6231.6	2002 9.2 111924.0 -6203.8	2092 10.0 112704.0 -6227.5
1823 9.9 105147.0 -6221.0	1913 9.4 110616.5 -6239.3	2003 7.5 111926.0 -6244.8	2093 9.2 112708.5 -6245.9
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1825 9.6 105151.5 -6250.8	1915 9.4 110633.0 -6222.9	2005 9.6 111959.5 -6215.0	2095 9.8 112731.0 -6218.1
1826 9.6 105155.5 -6214.2	1916 10.0 110636.0 -6214.8	2006 9.4 112011.0 -6240.8	2096 8.9 112736.5 -6224.8
1827 9.6 105157.5 -6248.2	1917 9.4 110720.5 -6249.5	2007 8.3 112012.8 -6226.5	2097 9.6 112746.5 -6234.5
1828 9.7 105223.5 -6200.0	1918 9.7 110743.0 -6239.8	2008 9.4 112020.5 -6231.6	2098 9.7 112750.5 -6253.9
1829 9.9 105230.0 -6221.6	1919 9.4 110750.5 -6258.4	2009 9.6 112021.0 -6213.7	2099 9.7 112753.0 -6239.2
1830 9.6 105237.5 -6235.0	1920 9.4 110751.5 -6248.1	2010 10.0 112027.5 -6228.6	2100 9.0 112756.0 -6215.9
1831 9.9 105243.0 -6239.4	1921 8.8 110753.0 -6247.8	2011 9.7 112031.5 -6246.9	2101 9.7 112759.5 -6244.1
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1838 9.6 105329.5 -6245.8	1928 9.2 110831.5 -6243.0	2018 8.2 112117.0 -6207.8	2108 10.0 112831.0 -6223.1
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1863 9.8 105818.5 -6201.9	1953 8.2 111147.5 -6210.8	2043 9.6 112347.0 -6210.8	2133 10.0 113019.0 -6232.0
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1865 9.4 105831.0 -6240.2	1955 10.0 111154.5 -6203.0	2045 10.0 112358.0 -6209.6	2135 9.2 113026.0 -6235.5
1866 9.7 105850.5 -6247.0	1956 10.0 111208.5 -6204.1	2046 9.0 112406.5 -6241.9	2136 9.4 113030.0 -6214.5
1867 9.9 105921.5 -6234.7	1957 9.3 111210.0 -6249.9	2047 9.6 112407.5 -6225.6	2137 9.8 113030.0 -6215.6
1868 9.5 105925.5 -6217.2	1958 10.0 111210.8 -6203.8	2048 9.6 112411.0 -6210.5	2138 10.0 113032.5 -6216.0
1869 9.2 105929.5 -6251.2	1959 7.5 111211.5 -6247.6	2049 10.0 112418.0 -6229.5	2139 10.0 113053.5 -6230.4
1870 9.4 105931.3 -6236.1	1960 9.9 111214.0 -6202.8	2050 9.4 112419.5 -6239.9	2140 9.5 113101.0 -6232.1
1871 9.4 105932.8 -6240.0	1961 10.0 111231.0 -6205.4	2051 9.8 112419.5 -6220.5	2141 9.4 113109.5 -6202.5
1872 9.7 105934.2 -6252.2	1962 10.0 111233.0 -6205.5	2052 9.4 112428.0 -6252.2	2142 8.8 113110.0 -6242.3
1873 9.6 105940.5 -6251.2	1963 8.7 111248.0 -6217.5	2053 10.0 112430.0 -6201.8	2143 9.5 113127.0 -6238.1
1874 9.7 105942.5 -6235.3	1964 8.8 111257.0 -6217.4	2054 9.7 112431.5 -6209.9	2144 10.0 113127.0 -6216.9
1875 9.7 105945.3 -6243.5	1965 9.8 111258.5 -6205.3	2055 9.6 112433.5 -6250.8	2145 10.0 113132.0 -6213.0
1876 9.6 105956.5 -6232.6	1966 9.2 111322.5 -6238.8	2056 10.0 112437.5 -6222.8	2146 10.0 113134.0 -6216.8
1877 9.9 105957.0 -6203.1	1967 9.4 111354.0 -6233.6	2057 10.0 112437.5 -6224.5	2147 8.5 113135.0 -6227.4
1878 9.8 110025.9 -6232.1	1968 9.1 111412.0 -6256.0	2058 9.4 112440.0 -6241.0	2148 9.0 113137.0 -6234.9
1879 9.8 110031.0 -6241.6	1969 9.8 111513.0 -6216.4	2059 9.5 112441.7 -6235.0	2149 9.7 113137.0 -6220.9
1880 9.6 110050.0 -6241.4	1970 9.5 111519.4 -6235.0	2060 10.0 112442.5 -6206.0	2150 8.1 113141.0 -6259.6
1881 9.4 110058.0 -6255.4	1971 9.8 111528.5 -6231.5	2061 9.1 112445.0 -6220.6	2151 8.8 113144.2 -6239.3
1882 9.9 110105.0 -6226.7	1972 9.4 111532.0 -6204.5	2062 8.6 112445.5 -6237.0	2152 9.6 113153.0 -6225.2
1883 9.6 110110.5 -6240.5	1973 9.0 111603.0 -6237.4	2063 9.8 112450.0 -6200.3	2153 9.1 113159.5 -6238.5
1884 9.8 110122.0 -6220.4	1974 10.0 111616.0 -6215.0	2064 9.7 112451.0 -6245.0	2154 7.4 113200.5 -6237.9
1885 8.9 110123.5 -6213.0	1975 10.0 111623.0 -6224.8	2065 7.9 112501.0 -6205.8	2155 9.9 113207.5 -6201.8
1886 9.7 110137.0 -6238.0	1976 9.5 111627.5 -6215.8	2066 10.0 112505.5 -6219.6	2156 8.9 113207.8 -6240.2
1887 9.9 110145.5 -6234.8	1977 8.9 111629.5 -6248.1	2067 9.7 112506.5 -6246.2	2157 9.3 113208.0 -6239.2
1888 9.6 110151.0 -6225.2	1978 9.5 111633.0 -6202.6	2068 9.7 112511.0 -6247.2	2158 8.6 113210.5 -6237.5
1889 9.1 110155.0 -6226.4	1979 9.3 111650.5 -6239.1	2069 10.0 112511.5 -6221.8	2159 10.0 113212.0 -6229.6
1890 9.8 110155.0 -6223.2	1980 9.5 111650.8 -6235.3	2070 9.7 112512.0 -6245.9	2160 9.2 113212.3 -6241.0
1891 9.5 110200.5 -6246.3	1981 10.0 111711.0 -6224.8	2071 9.2 112518.5 -6226.1	2161 9.5 113219.0 -6211.6

2162	9.7	113220.0	-6239.1	2252	9.4	113806.0	-6220.0	2342	9.0	114412.5	-6204.1
2163	7.4	113221.0	-6230.3	2253	9.2	113807.2	-6200.0	2343	10.2	114415.0	-6213.6
2164	8.4	113223.2	-6242.0	2254	9.4	113807.5	-6212.8	2344	9.2	114424.0	-6253.7
2165	10.0	113228.5	-6229.0	2255	9.2	113809.0	-6216.0	2345	9.8	114425.5	-6252.4
2166	9.5	113230.0	-6241.9	2256	10.0	113809.0	-6217.2	2346	9.9	114430.0	-6200.2
2167	9.4	113231.2	-6239.1	2257	9.4	113821.5	-6211.8	2347	9.2	114433.0	-6230.7
2168	7.2	113231.5	-6240.9	2258	10.0	113834.0	-6228.3	2348	9.7	114435.5	-6206.1
2169	9.8	113232.8	-6207.5	2259	10.0	113834.5	-6222.6	2349	9.7	114436.5	-6214.6
2170	9.7	113234.0	-6241.9	2260	9.7	113848.0	-6200.0	2350	8.5	114439.5	-6257.4
2171	8.4	113234.0	-6230.5	2261	10.0	113854.0	-6219.8	2351	9.9	114446.0	-6249.1
2172	9.9	113239.5	-6202.8	2262	9.6	113855.5	-6239.2	2352	9.9	114500.5	-6247.1
2173	10.0	113247.0	-6229.8	2263	10.0	113857.5	-6218.6	2353	10.2	114501.0	-6200.8
2174	10.0	113250.5	-6213.0	2264	8.5	113907.5	-6250.9	2354	10.2	114505.0	-6223.2
2175	9.4	113251.8	-6207.6	2265	9.9	113908.5	-6256.0	2355	9.9	114512.5	-6246.8
2176	9.4	113252.0	-6203.5	2266	9.5	113911.5	-6205.0	2356	9.0	114516.0	-6213.2
2177	9.1	113257.5	-6200.9	2267	9.0	113913.3	-6253.0	2357	9.6	114528.0	-6202.4
2178	9.2	113259.0	-6210.8	2268	9.7	113916.0	-6214.8	2358	9.9	114530.5	-6215.7
2179	9.4	113303.0	-6245.1	2269	10.0	113919.5	-6221.0	2359	10.2	114533.5	-6210.7
2180	9.8	113304.0	-6211.6	2270	9.4	113920.5	-6204.4	2360	9.0	114536.0	-6211.7
2181	9.8	113304.0	-6203.4	2271	9.2	113926.0	-6229.7	2361	10.2	114538.0	-6218.2
2182	9.8	113306.5	-6202.3	2272	9.9	113932.0	-6248.5	2362	9.2	114539.0	-6231.8
2183	9.6	113306.5	-6207.7	2273	9.8	113936.0	-6253.4	2363	9.7	114543.0	-6236.2
2184	9.5	113309.7	-6247.1	2274	9.2	113939.5	-6220.0	2364	10.2	114549.0	-6225.7
2185	9.0	113311.0	-6248.8	2275	9.3	113945.5	-6231.9	2365	10.2	114550.0	-6229.9
2186	7.9	113313.0	-6244.3	2276	9.4	113949.2	-6253.0	2366	10.0	114553.3	-6227.4
2187	10.0	113316.0	-6211.8	2277	9.2	113953.5	-6218.8	2367	9.7	114553.5	-6204.2
2188	8.9	113320.5	-6237.3	2278	10.0	113956.5	-6228.2	2368	10.0	114554.7	-6202.7
2189	9.3	113320.5	-6243.7	2279	9.8	114004.0	-6229.0	2369	10.2	114556.0	-6216.9
2190	8.7	113322.0	-6249.7	2280	9.5	114004.0	-6221.8	2370	10.2	114559.5	-6217.5
2191	7.6	113326.0	-6214.4	2281	9.9	114008.5	-6243.6	2371	10.2	114603.0	-6205.1
2192	8.4	113327.0	-6209.7	2282	10.0	114016.0	-6220.8	2372	10.2	114610.5	-6210.8
2193	9.5	113329.5	-6240.5	2283	9.8	114023.0	-6202.2	2373	8.6	114625.3	-6228.5
2194	9.3	113331.0	-6235.3	2284	10.0	114024.0	-6208.8	2374	9.0	114626.0	-6205.2
2195	9.7	113332.3	-6240.6	2285	9.7	114024.5	-6228.2	2375	10.2	114633.0	-6216.2
2196	9.8	113336.5	-6225.9	2286	9.1	114028.0	-6227.0	2376	9.6	114641.0	-6221.8
2197	9.7	113337.5	-6245.4	2287	10.0	114028.0	-6221.8	2377	9.4	114645.5	-6200.1
2198	10.0	113337.5	-6229.6	2288	9.5	114032.2	-6255.8	2378	9.4	114646.5	-6232.9
2199	9.9	113340.5	-6200.7	2289	10.0	114041.0	-6208.8	2379	9.6	114654.5	-6252.9
2200	9.4	113346.5	-6203.2	2290	9.9	114044.0	-6248.9	2380	9.9	114658.0	-6240.7
2201	9.1	113349.5	-6247.3	2291	10.0	114045.0	-6216.2	2381	9.8	114700.0	-6217.2
2202	10.0	113350.8	-6207.4	2292	9.9	114053.0	-6209.1	2382	9.9	114701.5	-6259.9
2203	9.9	113351.5	-6232.9	2293	10.0	114119.0	-6231.4	2383	9.7	114703.0	-6209.2
2204	9.7	113351.5	-6259.0	2294	8.6	114119.3	-6236.4	2384	10.2	114710.8	-6204.8
2205	8.3	113354.5	-6247.2	2295	9.0	114119.5	-6244.1	2385	9.9	114720.0	-6232.1
2206	7.8	113400.0	-6247.2	2296	9.8	114122.5	-6256.0	2386	10.0	114720.0	-6203.7
2207	9.8	113401.5	-6209.4	2297	9.5	114124.0	-6205.4	2387	9.1	114721.5	-6206.5
2208	9.0	113402.3	-6257.1	2298	10.0	114131.5	-6222.6	2388	9.7	114723.0	-6209.5
2209	9.4	113405.0	-6222.4	2299	10.0	114132.0	-6224.5	2389	9.6	114723.5	-6202.8
2210	10.0	113407.0	-6209.0	2300	9.5	114134.0	-6241.0	2390	10.0	114723.5	-6212.8
2211	10.0	113409.5	-6202.7	2301	10.0	114135.0	-6228.8	2391	10.0	114725.0	-6212.7
2212	10.0	113410.5	-6221.1	2302	10.0	114142.7	-6201.0	2392	10.2	114729.0	-6213.8
2213	9.4	113411.0	-6245.1	2303	9.2	114143.0	-6230.2	2393	10.2	114730.0	-6235.1
2214	9.6	113413.5	-6215.5	2304	9.4	114146.3	-6213.6	2394	9.7	114734.5	-6212.2
2215	9.8	113417.0	-6228.6	2305	10.2	114148.0	-6222.8	2395	9.7	114735.0	-6210.4
2216	9.7	113421.0	-6248.1	2306	9.4	114150.5	-6240.2	2396	9.2	114737.0	-6214.4
2217	9.4	113421.0	-6203.8	2307	10.2	114201.2	-6200.7	2397	9.4	114739.0	-6214.2
2218	10.0	113422.5	-6202.3	2308	9.8	114202.3	-6216.9	2398	9.4	114739.5	-6223.7
2219	9.5	113429.0	-6221.8	2309	9.9	114208.0	-6257.0	2399	9.1	114741.5	-6250.0
2220	9.7	113431.5	-6211.6	2310	9.0	114209.8	-6207.7	2400	9.9	114751.5	-6246.7
2221	9.6	113434.0	-6213.8	2311	10.0	114213.8	-6212.7	2401	10.2	114756.5	-6232.9
2222	9.0	113436.2	-6231.1	2312	9.6	114226.5	-6242.0	2402	10.2	114757.0	-6217.0
2223	8.6	113505.0	-6200.1	2313	10.2	114229.5	-6204.3	2403	8.9	114801.5	-6253.3
2224	9.5	113515.5	-6224.4	2314	10.0	114239.5	-6230.2	2404	10.2	114813.0	-6233.2
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2226	9.2	113519.0	-6241.8	2316	9.2	114241.5	-6220.1	2406	9.0	114819.0	-6219.8
2227	9.3	113524.5	-6224.2	2317	9.4	114243.5	-6210.7	2407	9.9	114847.5	-6242.7
2228	10.0	113524.5	-6220.6	2318	9.4	114247.0	-6228.0	2408	7.2	114848.0	-6235.0
2229	9.2	113531.0	-6253.4	2319	10.2	114259.5	-6233.5	2409	10.0	114848.0	-6214.6
2230	9.5	113531.5	-6243.2	2320	9.8	114312.0	-6222.9	2410	9.4	114857.0	-6227.2
2231	9.6	113533.0	-6241.6	2321	9.3	114312.5	-6241.1	2411	10.2	114858.5	-6229.7
2232	8.9	113534.5	-6204.4	2322	9.9	114313.0	-6240.9	2412	9.6	114859.5	-6215.0
2233	9.4	113553.0	-6254.6	2323	9.9	114315.5	-6204.6	2413	10.0	114903.0	-6216.2
2234	9.0	113556.5	-6243.2	2324	9.9	114315.5	-6251.1	2414	10.2	114905.0	-6213.5
2235	9.7	113624.0	-6226.6	2325	9.8	114324.5	-6239.6	2415	10.0	114910.0	-6204.1
2236	9.6	113630.0	-6241.1	2326	10.2	114327.0	-6201.3	2416	9.1	114911.0	-6213.5
2237	7.5	113631.0	-6226.9	2327	9.8	114328.0	-6219.7	2417	9.7	114913.0	-6231.0
2238	9.7	113641.5	-6232.0	2328	9.4	114330.0	-6220.2	2418	10.2	114914.5	-6209.7
2239	9.7	113653.0	-6210.5	2329	9.5	114333.0	-6202.0	2419	9.9	114914.0	-6237.1
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2241	9.4	113700.5	-6206.8	2331	10.2	114340.5	-6218.7	2421	9.9	114919.5	-6231.1
2242	9.2	113702.5	-6200.0	2332	10.0	114345.5	-6215.0	2422	9.8	114921.5	-6228.4
2243	9.5	113711.7	-6202.5	2333	9.6	114350.0	-6213.7	2423	9.9	114922.0	-6218.0
2244	10.0	113712.0	-6202.3	2334	10.2	114353.0	-6211.6	2424	9.4	114925.3	-6230.8
2245	10.0	113714.0	-6203.2	2335	9.8	114353.5	-6235.7	2425	10.0	114926.0	-6211.4
2246	9.2	113725.0	-6229.8	2336	9.8	114404.5	-6220.7	2426	9.4	114927.0	-6205.3
2247	9.9	113741.5	-6228.9	2337	9.6	114405.5	-6257.5	2427	10.0	114929.0	-6232.7
2248	9.8	113743.5	-6233.2	2338	9.5	114406.0	-6254.9	2428	9.7	114935.0	-6204.0
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2251	8.8	113801.0	-6241.2	2341	10.2	114411.0	-6201.5	2431	10.0	114937.0	-6205.6
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2433	9.0	114944.5	-6211.3								
2434	9.0	114945.0	-6229.9								
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2437	9.2	114951.0	-6205.8								
2438	10.2	114954.5	-6232.4								
2439	10.2	115000.0	-6230.8								
2440	9.5	115013.0	-6218.8								
2441	10.2	115017.0	-6206.8								
2442	9.8	115018.0	-6209.0								
2443	9.1	115021.0	-6231.7								
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2473	10.2	115217.0	-6211.2								
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2479	9.4	115247.0	-6252.1								
2480	8.4	115256.5	-6204.9								
2481	9.7	115257.0	-6259.5								
2482	10.2	115258.0	-6211.6								
2483	9.9	115301.5	-6255.5								
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2490	10.2	115315.1	-6214.9								
2491	9.9	115319.0	-6255.8								
2492	8.8	115319.5	-6242.4								
2493	9.4	115320.0	-6209.8								
2494	10.0	115321.0	-6207.6								
2495	9.2	115322.0	-6240.1								
2496	9.8	115323.0	-6217.7								
2497	10.2	115327.0	-6233.0								
2498	9.0	115330.0	-6208.2								
2499	9.7	115331.0	-6237.3								
2500	9.7	115331.0	-6212.5								
2501	9.9	115341.0	-6244.5								
2502	10.0	115341.0	-6232.9								
2503	9.8	115341.0	-6203.0								
2504	10.2	115344.0	-6208.2								
2505	9.9	115345.5	-6246.0								
2506	10.2	115348.5	-6230.5								
2507	9.4	115350.5	-6243.1								
2508	9.5	115352.0	-6234.8								
2509	9.2	115402.2	-6235.2								
2510	10.2	115403.0	-6200.5								
2511	9.7	115404.8	-6235.6								
2512	9.0	115405.5	-6232.2								
2513	10.2	115410.0	-6204.9								
2514	9.9	115421.5	-6237.1								
2515	10.2	115424.0	-6226.9								
2516	9.6	115427.0	-6225.3								
2517	9.1	115432.5	-6253.6								
2518	10.2	115437.0	-6209.7								
2519	10.2	115438.0	-6229.1								
2520	9.2	115439.5	-6252.7								
2521	9.0	115439.5	-6231.4								

-62 2522 11h54m

2522 9.8 115450.0 -6204.0	2612 10.2 120454.5 -6234.1	2702 10.2 121500.5 -6200.2	2792 9.6 122308.5 -6239.3
2523 9.5 115451.5 -6204.9	2613 9.9 120500.0 -6206.5	2703 9.9 121507.5 -6253.8	2793 9.4 122314.5 -6204.8
2524 9.8 115453.0 -6215.8	2614 10.2 120509.0 -6209.7	2704 10.2 121512.5 -6213.3	2794 9.4 122332.5 -6253.3
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2537 8.2 115608.0 -6222.4	2627 9.9 120616.5 -6240.9	2717 9.8 121620.5 -6234.9	2807 9.3 122510.0 -6201.0
2538 9.4 115611.2 -6229.6	2628 9.4 120630.0 -6204.3	2718 9.7 121622.8 -6235.2	2808 9.7 122521.0 -6209.2
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2546 9.3 115648.0 -6221.4	2636 9.7 120725.0 -6224.1	2726 9.4 121808.2 -6222.4	2816 9.2 122611.5 -6201.6
2547 9.6 115658.5 -6215.8	2637 9.2 120736.0 -6205.5	2727 10.2 121812.5 -6226.5	2817 9.5 122612.0 -6248.9
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2611 9.3 120453.0 -6209.0	2701 9.2 121450.0 -6215.5	2791 10.0 122308.0 -6242.1	2881 10.2 123450.0 -6231.2

-62 2881 12h34m

-62 2882 12h34m

-62 3241 13h16m

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2894 9.6 123509.0 -6250.5	2984 9.2 125510.0 -6247.7	3074 9.8 130536.0 -6240.4	3164 10.1 131144.0 -6215.4
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2906 9.7 123639.0 -6216.9	2996 9.4 125742.3 -6226.4	3086 9.6 130600.0 -6213.1	3176 9.6 131229.0 -6245.2
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-62 3242 13h17m

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3308 9.2 132223.0 -6258.5	3398 9.1 132812.0 -6258.7	3488 9.5 133432.5 -6220.1	3578 9.6 133813.0 -6205.5
3309 9.5 132226.5 -6241.2	3399 10.1 132813.0 -6227.8	3489 9.8 133437.0 -6223.9	3579 9.0 133817.0 -6228.4
3310 9.7 132243.0 -6221.0	3400 8.6 132817.7 -6233.8	3490 8.8 133439.5 -6256.2	3580 9.7 133819.0 -6228.2
3311 9.9 132247.5 -6226.5	3401 8.8 132821.0 -6227.2	3491 10.1 133443.0 -6231.0	3581 10.1 133819.5 -6221.1
3312 9.2 132251.5 -6224.4	3402 9.9 132829.0 -6241.5	3492 9.2 133443.5 -6208.5	3582 10.1 133821.5 -6202.1
3313 9.8 132253.0 -6242.1	3403 9.5 132830.0 -6213.4	3493 9.8 133447.0 -6236.1	3583 9.1 133822.0 -6244.1
3314 10.0 132254.0 -6201.8	3404 10.0 132837.5 -6218.2	3494 9.4 133447.5 -6233.6	3584 10.1 133823.0 -6229.9
3315 10.1 132259.0 -6201.9	3405 9.8 132848.5 -6254.9	3495 9.9 133448.0 -6214.1	3585 10.0 133828.0 -6216.8
3316 9.4 132301.0 -6223.7	3406 9.8 132851.5 -6214.1	3496 9.8 133450.0 -6247.1	3586 8.8 133828.5 -6208.3
3317 9.8 132301.0 -6212.3	3407 9.7 132901.0 -6238.2	3497 9.2 133450.5 -6230.6	3587 9.6 133831.0 -6234.7
3318 9.7 132303.5 -6245.3	3408 9.1 132908.0 -6250.4	3498 9.6 133454.5 -6245.3	3588 9.2 133832.5 -6232.1
3319 9.7 132304.0 -6242.3	3409 9.8 132911.0 -6201.2	3499 9.2 133459.5 -6252.9	3589 9.6 133839.0 -6200.2
3320 9.8 132304.5 -6220.2	3410 10.0 132912.0 -6227.0	3500 9.2 133459.5 -6225.9	3590 9.2 133843.5 -6204.2
3321 9.6 132308.5 -6220.3	3411 9.8 132922.0 -6203.9	3501 10.0 133501.0 -6207.5	3591 9.8 133850.5 -6223.3
3322 9.4 132318.5 -6251.0	3412 9.2 132932.0 -6255.4	3502 9.8 133502.0 -6246.4	3592 10.0 133852.0 -6212.1
3323 9.8 132320.5 -6229.7	3413 9.4 132935.5 -6215.9	3503 9.4 133505.0 -6227.5	3593 9.1 133852.0 -6232.2
3324 8.8 132322.5 -6243.6	3414 10.1 132939.0 -6227.9	3504 10.1 133507.5 -6226.1	3594 9.7 133907.0 -6241.3
3325 9.8 132334.0 -6209.9	3415 9.3 132940.5 -6206.8	3505 9.6 133508.0 -6220.9	3595 10.1 133910.0 -6223.1
3326 7.7 132338.5 -6223.6	3416 9.6 132946.2 -6201.4	3506 9.5 133512.0 -6241.6	3596 10.1 133910.5 -6224.1
3327 10.1 132340.5 -6207.9	3417 9.4 132956.5 -6224.0	3507 9.6 133517.5 -6205.0	3597 10.1 133912.5 -6209.9
3328 9.7 132343.0 -6244.4	3418 9.5 132957.0 -6255.6	3508 8.7 133521.5 -6219.0	3598 9.9 133915.5 -6248.8
3329 8.8 132346.0 -6208.2	3419 9.8 133001.0 -6208.0	3509 10.1 133521.5 -6217.7	3599 9.6 133916.0 -6244.0
3330 9.5 132346.5 -6209.0	3420 9.4 133008.5 -6204.6	3510 10.1 133521.5 -6203.1	3600 8.5 133919.3 -6249.3
3331 9.3 132350.5 -6257.6	3421 10.0 133011.5 -6220.9	3511 9.6 133524.5 -6241.9	3601 10.0 133926.0 -6244.4

-62 3601 13h39m

-62 3602 13h39m

-62 3961 14h00m

3602 10.0 133931.2 -6256.8	3692 10.1 134341.0 -6232.1	3782 9.7 134905.0 -6247.1	3872 9.2 135448.0 -6215.1
3603 9.8 133936.0 -6201.1	3693 9.4 134343.5 -6257.1	3783 10.0 134905.5 -6223.8	3873 10.1 135449.0 -6208.9
3604 10.0 133938.0 -6247.5	3694 9.9 134344.5 -6247.8	3784 10.0 134911.0 -6234.7	3874 10.1 135450.0 -6228.8
3605 10.0 133940.5 -6202.1	3695 8.8 134348.0 -6238.0	3785 10.0 134919.0 -6243.0	3875 9.2 135453.5 -6236.1
3606 9.3 133941.5 -6233.3	3696 10.1 134348.0 -6201.0	3786 10.0 134919.0 -6246.1	3876 10.1 135456.0 -6204.1
3607 9.8 133944.5 -6231.1	3697 9.4 134349.5 -6238.7	3787 9.6 134932.0 -6251.1	3877 9.2 135509.0 -6242.1
3608 10.1 133945.0 -6213.0	3698 9.4 134359.5 -6258.0	3788 9.0 134936.0 -6237.9	3878 10.0 135516.0 -6230.1
3609 9.9 133948.8 -6235.1	3699 9.6 134359.5 -6242.1	3789 8.8 134942.5 -6244.2	3879 9.5 135530.2 -6227.4
3610 9.2 133950.0 -6210.4	3700 9.2 134400.0 -6200.4	3790 8.0 134945.5 -6206.5	3880 9.9 135531.5 -6209.5
3611 9.6 133950.5 -6217.0	3701 9.4 134402.5 -6254.0	3791 9.5 134946.0 -6254.1	3881 9.4 135535.5 -6225.4
3612 10.1 133958.5 -6220.8	3702 10.1 134404.0 -6211.7	3792 9.9 134951.8 -6258.3	3882 10.0 135542.0 -6250.4
3613 9.9 134003.5 -6200.2	3703 8.2 134407.0 -6206.1	3793 9.2 135002.5 -6218.2	3883 9.8 135546.0 -6255.0
3614 9.4 134005.8 -6236.0	3704 9.8 134411.0 -6252.7	3794 10.0 135005.0 -6229.6	3884 9.6 135558.0 -6216.1
3615 10.1 134006.0 -6214.6	3705 8.8 134412.5 -6216.1	3795 9.2 135009.0 -6217.5	3885 9.0 135600.5 -6203.7
3616 9.8 134006.0 -6226.7	3706 9.0 134418.0 -6243.2	3796 9.4 135011.5 -6234.1	3886 10.1 135603.5 -6201.7
3617 9.8 134009.8 -6250.0	3707 9.8 134420.5 -6219.1	3797 9.6 135011.5 -6213.1	3887 10.1 135604.5 -6202.1
3618 9.2 134011.3 -6249.7	3708 9.8 134421.0 -6243.1	3798 9.8 135014.0 -6231.3	3888 9.7 135613.0 -6215.1
3619 9.5 134012.5 -6253.9	3709 9.1 134422.0 -6238.0	3799 9.6 135014.5 -6233.8	3889 10.1 135616.5 -6212.1
3620 10.0 134016.5 -6238.1	3710 9.8 134422.0 -6219.1	3800 9.2 135016.5 -6214.6	3890 10.1 135618.5 -6204.3
3621 9.4 134033.0 -6203.5	3711 10.0 134422.0 -6257.6	3801 9.6 135022.5 -6235.9	3891 9.6 135623.0 -6246.3
3622 9.2 134033.5 -6246.0	3712 9.6 134428.0 -6255.7	3802 10.0 135031.0 -6250.1	3892 10.1 135624.0 -6205.2
3623 10.1 134037.0 -6200.5	3713 9.0 134430.0 -6224.0	3803 9.1 135037.0 -6232.8	3893 10.0 135624.5 -6255.4
3624 9.5 134038.5 -6258.3	3714 9.4 134432.0 -6257.9	3804 10.1 135042.5 -6201.9	3894 9.8 135625.0 -6236.7
3625 10.1 134044.5 -6217.7	3715 9.1 134433.5 -6250.6	3805 9.0 135058.5 -6223.1	3895 9.6 135629.5 -6233.1
3626 9.2 134048.0 -6224.1	3716 9.6 134434.5 -6258.9	3806 8.9 135105.5 -6216.8	3896 10.0 135630.0 -6218.1
3627 10.1 134049.0 -6217.9	3717 10.0 134434.5 -6207.7	3807 7.9 135107.0 -6210.3	3897 9.6 135630.0 -6200.5
3628 8.1 134051.5 -6226.3	3718 10.0 134441.0 -6214.1	3808 9.8 135109.0 -6252.8	3898 9.9 135634.5 -6223.8
3629 9.5 134055.0 -6247.0	3719 10.0 134441.0 -6206.1	3809 9.1 135111.0 -6210.4	3899 10.1 135638.0 -6214.1
3630 10.1 134056.5 -6233.0	3720 10.1 134443.5 -6223.5	3810 9.6 135111.5 -6228.1	3900 9.9 135645.0 -6211.3
3631 10.1 134058.0 -6200.1	3721 10.1 134443.5 -6228.6	3811 10.0 135112.5 -6251.3	3901 10.0 135647.5 -6209.4
3632 8.8 134059.0 -6252.9	3722 10.0 134445.5 -6253.5	3812 9.4 135112.5 -6239.0	3902 9.2 135658.5 -6234.7
3633 10.1 134105.0 -6213.1	3723 9.6 134446.0 -6200.1	3813 10.1 135114.5 -6213.7	3903 10.0 135659.0 -6230.1
3634 9.5 134109.5 -6249.2	3724 10.0 134448.0 -6245.1	3814 9.6 135115.0 -6209.8	3904 10.0 135707.0 -6202.7
3635 8.5 134113.5 -6217.0	3725 8.8 134450.0 -6253.1	3815 10.0 135115.5 -6213.7	3905 9.7 135708.0 -6207.7
3636 8.4 134116.5 -6226.3	3726 10.0 134452.2 -6253.5	3816 9.6 135121.5 -6252.3	3906 10.0 135712.5 -6206.0
3637 10.1 134117.0 -6231.1	3727 10.1 134454.0 -6231.8	3817 10.0 135121.5 -6232.7	3907 10.1 135713.5 -6201.0
3638 10.1 134120.0 -6226.5	3728 10.1 134454.0 -6214.5	3818 9.6 135123.5 -6215.2	3908 9.6 135715.0 -6226.8
3639 9.8 134125.0 -6215.1	3729 9.6 134455.5 -6213.5	3819 10.1 135126.5 -6224.3	3909 9.3 135722.5 -6256.8
3640 8.7 134125.5 -6259.2	3730 9.7 134456.3 -6201.1	3820 10.1 135127.5 -6233.2	3910 10.0 135722.5 -6227.1
3641 9.8 134127.0 -6219.3	3731 9.2 134501.5 -6230.1	3821 9.2 135128.5 -6210.1	3911 9.9 135724.5 -6236.1
3642 9.2 134134.3 -6201.9	3732 10.0 134532.5 -6207.2	3822 10.1 135135.5 -6231.3	3912 9.9 135729.5 -6233.3
3643 9.8 134136.0 -6217.9	3733 9.6 134533.0 -6241.6	3823 10.0 135142.5 -6240.3	3913 10.0 135731.5 -6258.2
3644 9.2 134139.0 -6259.6	3734 10.0 134542.0 -6205.6	3824 8.8 135144.5 -6201.6	3914 9.6 135731.5 -6215.7
3645 9.9 134140.5 -6245.7	3735 9.7 134543.5 -6221.1	3825 9.9 135145.5 -6244.1	3915 10.0 135736.0 -6223.1
3646 10.1 134141.5 -6221.5	3736 10.0 134548.0 -6215.9	3826 9.5 135145.5 -6217.8	3916 8.8 135740.5 -6203.1
3647 8.7 134142.0 -6213.3	3737 9.6 134548.5 -6249.0	3827 9.4 135148.5 -6259.0	3917 10.1 135743.5 -6222.1
3648 9.3 134142.5 -6244.9	3738 8.5 134549.5 -6217.1	3828 10.0 135149.0 -6218.0	3918 9.3 135747.5 -6247.1
3649 9.5 134145.5 -6218.9	3739 9.4 134550.0 -6228.5	3829 9.4 135149.0 -6221.8	3919 9.4 135751.0 -6250.4
3650 9.2 134146.5 -6203.1	3740 10.0 134550.5 -6248.8	3830 9.2 135151.5 -6257.8	3920 8.0 135752.5 -6250.9
3651 9.2 134149.0 -6236.7	3741 9.2 134601.0 -6219.5	3831 9.2 135151.5 -6208.6	3921 9.2 135800.0 -6258.9
3652 9.4 134150.0 -6225.3	3742 10.0 134603.0 -6229.3	3832 9.1 135156.0 -6204.1	3922 8.4 135807.0 -6250.2
3653 8.9 134150.0 -6227.1	3743 9.8 134603.5 -6206.7	3833 9.2 135159.0 -6205.6	3923 9.9 135807.0 -6247.2
3654 9.8 134157.0 -6227.1	3744 9.6 134609.0 -6217.2	3834 10.1 135159.5 -6206.3	3924 9.9 135811.5 -6227.1
3655 9.8 134158.0 -6206.3	3745 9.8 134613.5 -6215.3	3835 9.0 135204.5 -6206.9	3925 10.0 135816.0 -6233.0
3656 8.6 134159.0 -6246.8	3746 9.9 134618.5 -6239.8	3836 10.0 135206.0 -6244.2	3926 10.0 135816.5 -6235.0
3657 8.9 134202.5 -6216.5	3747 9.9 134628.0 -6247.4	3837 10.1 135214.5 -6233.6	3927 10.1 135818.0 -6223.5
3658 9.9 134206.0 -6235.5	3748 10.1 134631.0 -6227.9	3838 10.1 135215.0 -6217.7	3928 9.8 135822.5 -6243.0
3659 9.9 134208.5 -6253.0	3749 9.7 134638.0 -6247.2	3839 8.5 135228.0 -6220.4	3929 9.2 135825.5 -6242.0
3660 9.0 134209.5 -6231.5	3750 9.2 134641.0 -6225.1	3840 9.9 135232.5 -6244.5	3930 9.5 135825.5 -6225.5
3661 10.1 134211.0 -6234.1	3751 9.2 134651.0 -6205.8	3841 10.1 135234.5 -6219.4	3931 9.7 135829.5 -6203.5
3662 8.8 134211.5 -6224.1	3752 9.4 134700.0 -6251.1	3842 9.3 135236.5 -6201.2	3932 10.1 135830.0 -6203.2
3663 10.1 134214.5 -6214.5	3753 9.8 134708.0 -6204.1	3843 9.2 135239.0 -6249.0	3933 9.0 135831.5 -6226.5
3664 10.1 134219.5 -6205.4	3754 9.4 134718.5 -6259.2	3844 9.8 135239.0 -6212.3	3934 10.0 135836.0 -6228.9
3665 8.3 134222.0 -6253.5	3755 9.0 134719.5 -6257.1	3845 9.4 135241.0 -6212.1	3935 9.7 135840.5 -6242.1
3666 9.8 134224.5 -6225.1	3756 9.9 134723.0 -6246.4	3846 10.0 135253.0 -6252.2	3936 10.1 135841.5 -6201.5
3667 9.3 134229.0 -6255.6	3757 9.6 134724.0 -6238.3	3847 8.9 135259.0 -6220.9	3937 9.2 135849.5 -6202.5
3668 9.4 134236.0 -6252.8	3758 9.8 134739.0 -6227.7	3848 8.6 135301.5 -6251.0	3938 9.6 135852.5 -6230.4
3669 9.8 134238.5 -6204.5	3759 9.2 134747.0 -6212.3	3849 10.1 135302.0 -6212.1	3939 9.9 135858.0 -6256.3
3670 10.1 134240.0 -6225.1	3760 9.8 134751.0 -6249.0	3850 10.0 135308.0 -6233.1	3940 8.8 135859.0 -6240.9
3671 10.1 134240.0 -6225.2	3761 9.9 134756.5 -6238.5	3851 10.1 135311.5 -6211.3	3941 7.6 135901.5 -6236.7
3672 9.7 134241.0 -6223.6	3762 9.7 134758.0 -6223.9	3852 10.0 135319.5 -6213.1	3942 9.7 135907.5 -6220.3
3673 9.7 134249.0 -6217.0	3763 9.4 134802.5 -6236.5	3853 9.8 135326.0 -6245.6	3943 10.1 135911.0 -6215.1
3674 10.1 134251.5 -6233.1	3764 9.1 134816.5 -6233.7	3854 9.1 135339.0 -6223.9	3944 9.3 135912.0 -6235.6
3675 9.4 134253.5 -6250.9	3765 10.1 134816.5 -6211.1	3855 10.1 135341.0 -6217.1	3945 10.1 135912.5 -6214.1
3676 9.3 134257.0 -6204.9	3766 9.2 134821.0 -6249.2	3856 8.4 135342.5 -6257.8	3946 8.1 135914.0 -6216.0
3677 9.1 134259.0 -6241.4	3767 9.1 134822.5 -6258.8	3857 9.1 135347.0 -6233.5	3947 10.1 135915.0 -6230.9
3678 9.6 134303.5 -6205.7	3768 9.3 134826.0 -6259.8	3858 8.9 135348.0 -6207.1	3948 10.1 135928.5 -6230.5
3679 9.8 134308.5 -6243.6	3769 10.1 134829.5 -6208.5	3859 9.6 135355.8 -6200.0	3949 8.6 135929.0 -6249.1
3680 9.9 134310.5 -6249.3	3770 10.0 134831.0 -6254.5	3860 10.0 135358.5 -6248.3	3950 9.7 135929.0 -6256.4
3681 10.1 134313.0 -6218.4	3771 9.2 134832.0 -6204.0	3861 9.2 135400.5 -6211.0	3951 9.6 135940.0 -6255.8
3682 10.0 134313.5 -6244.2	3772 10.1 134836.5 -6215.6	3862 9.2 135408.0 -6220.6	3952 9.6 135943.0 -6250.8
3683 9.2 134318.5 -6258.0	3773 10.0 134838.0 -6235.9	3863 9.3 135409.0 -6245.6	3953 9.2 135949.0 -6211.5
3684 10.1 134320.5 -6201.4	3774 9.7 134842.0 -6211.9	3864 9.8 135410.0 -6226.4	3954 8.7 135955.5 -6228.2
3685 10.1 134328.0 -6211.1	3775 10.0 134845.0 -6234.6	3865 9.3 135412.5 -6259.4	3955 9.7 135955.5 -6252.1
3686 9.1 134332.0 -6211.8	3776 9.2 134845.5 -6247.5	3866 10.1 135416.0 -6220.6	3956 9.5 140001.0 -6219.3
3687 9.6 134332.0 -6203.1	3777 9.2 134848.5 -6207.9	3867 9.5 135419.0 -6223.1	3957 9.8 140005.0 -6206.5
3688 8.0 134332.5 -6209.3	3778 10.0 134851.5 -6225.0	3868 10.0 135428.5 -6241.3	3958 10.1 140008.0 -6210.0
3689 9.7 134338.0 -6251.1	3779 8.9 134901.0 -6221.1	3869 10.0 135429.5 -6242.7	3959 10.1 140008.5 -6228.7
3690 8.0 134340.0 -6244.2	3780 9.6 134902.0 -6200.4	3870 9.8 135431.0 -6229.7	3960 9.8 140010.5 -6226.6
3691 8.0 134341.0 -6246.6	3781 10.0 134903.5 -6259.8	3871 9.0 135447.0 -6201.1	3961 10.0 140014.0 -6221.2

ORIGINAL PAGE IS
OF POOR QUALITY

-62 3962 14h00m

3962	8.8	140014.0	-6214.4
3963	9.4	140026.0	-6251.9
3964	9.4	140031.2	-6256.5
3965	9.4	140036.5	-6258.5
3966	10.1	140038.5	-6228.6
3967	8.8	140049.0	-6212.2
3968	9.7	140106.5	-6201.5
3969	10.1	140108.0	-6223.1
3970	9.5	140108.0	-6218.2
3971	10.1	140109.5	-6214.2
3972	9.8	140119.5	-6214.2
3973	10.0	140131.5	-6251.5
3974	8.8	140137.0	-6227.0
3975	8.8	140139.0	-6259.8
3976	10.1	140155.5	-6210.1
3977	9.4	140156.0	-6232.8
3978	8.6	140157.5	-6232.0
3979	9.3	140202.0	-6236.7
3980	9.8	140205.0	-6201.5
3981	9.2	140212.0	-6233.1
3982	9.1	140214.0	-6214.9
3983	9.4	140232.5	-6256.4
3984	10.1	140240.0	-6203.2
3985	9.7	140259.5	-6247.9
3986	9.0	140304.0	-6255.8
3987	10.0	140304.0	-6245.9
3988	9.5	140311.0	-6225.4
3989	9.8	140319.5	-6241.1
3990	8.3	140330.5	-6255.5
3991	10.0	140332.0	-6201.6
3992	10.1	140332.0	-6215.4
3993	9.6	140335.5	-6253.7
3994	9.6	140339.0	-6250.3
3995	10.0	140339.0	-6223.9
3996	9.5	140340.0	-6255.9
3997	10.0	140340.5	-6230.2
3998	10.0	140408.5	-6203.2
3999	9.9	140410.5	-6214.2
4000	10.1	140418.0	-6230.0
4001	9.9	140418.0	-6214.4
4002	9.8	140421.0	-6254.0
4003	9.9	140422.0	-6238.0
4004	9.6	140428.5	-6258.9
4005	10.0	140446.0	-6257.7
4006	10.0	140447.0	-6258.0
4007	9.0	140448.8	-6226.4
4008	9.7	140454.5	-6248.7
4009	9.8	140456.5	-6236.5
4010	9.8	140500.5	-6250.9
4011	9.1	140544.5	-6241.9
4012	9.0	140556.0	-6222.7
4013	9.9	140602.5	-6209.8
4014	9.0	140603.5	-6232.6
4015	9.8	140612.2	-6237.9
4016	8.3	140617.5	-6231.6
4017	8.4	140619.8	-6228.0
4018	10.0	140623.5	-6241.9
4019	10.2	140625.5	-6200.1
4020	10.0	140637.5	-6251.3
4021	10.2	140639.5	-6203.6
4022	10.0	140642.5	-6250.3
4023	10.0	140645.5	-6240.3
4024	8.8	140659.2	-6259.5
4025	10.3	140703.0	-6211.7
4026	9.7	140707.0	-6202.2
4027	8.5	140713.0	-6217.6
4028	8.3	140713.0	-6207.6
4029	9.6	140726.5	-6200.6
4030	9.7	140728.5	-6221.2
4031	9.4	140737.0	-6205.6
4032	10.2	140738.5	-6216.8
4033	9.2	140747.0	-6201.2
4034	9.9	140756.5	-6250.8
4035	8.9	140756.5	-6233.4
4036	9.6	140802.5	-6237.7
4037	8.9	140803.0	-6212.8
4038	10.0	140810.5	-6234.3
4039	7.4	140827.0	-6249.9
4040	10.0	140830.5	-6227.9
4041	9.8	140831.0	-6235.5
4042	10.2	140836.5	-6209.1
4043	10.2	140837.0	-6203.9
4044	10.0	140849.5	-6223.8
4045	10.0	140851.0	-6247.9
4046	8.6	140852.5	-6217.2
4047	10.2	140857.5	-6218.2
4048	9.4	140857.5	-6207.0
4049	8.5	140904.3	-6225.5
4050	10.3	140917.5	-6204.6
4051	10.3	140920.5	-6205.6
4052	10.3	140927.5	-6206.6
4053	9.5	140937.5	-6220.6
4054	10.2	140946.5	-6219.2
4055	9.8	140947.0	-6210.2
4056	9.9	140949.0	-6254.9
4057	10.3	140952.0	-6213.8
4058	9.8	140954.5	-6251.0
4059	9.4	141002.5	-6255.0
4060	9.6	141005.5	-6242.4
4061	9.8	141016.0	-6248.9
4062	10.0	141020.0	-6248.1
4063	10.0	141022.5	-6239.9
4064	9.3	141022.5	-6237.9
4065	9.6	141028.5	-6228.1
4066	9.5	141028.5	-6241.9
4067	9.7	141042.0	-6235.1
4068	10.2	141045.0	-6214.4
4069	9.3	141100.0	-6257.8
4070	9.6	141104.5	-6252.9
4071	10.0	141122.5	-6215.4
4072	9.3	141128.0	-6249.9
4073	10.3	141131.0	-6207.4
4074	8.5	141141.0	-6200.6
4075	9.5	141147.0	-6200.0
4076	8.8	141152.5	-6252.9
4077	10.2	141153.5	-6228.8
4078	10.2	141204.5	-6209.1
4079	9.8	141212.0	-6250.3
4080	10.2	141217.0	-6212.5
4081	10.0	141222.5	-6259.9
4082	10.2	141223.5	-6213.9
4083	7.7	141228.0	-6235.0
4084	9.9	141229.5	-6237.6
4085	9.9	141244.0	-6230.4
4086	10.2	141244.0	-6216.7
4087	10.3	141308.0	-6232.3
4088	10.3	141313.0	-6208.7
4089	9.9	141316.8	-6226.7
4090	10.0	141326.5	-6243.9
4091	9.8	141328.0	-6241.3
4092	9.2	141335.5	-6239.1
4093	9.2	141342.5	-6240.1
4094	9.0	141345.3	-6228.4
4095	9.9	141349.0	-6249.8
4096	9.9	141356.5	-6231.2
4097	10.0	141358.0	-6225.7
4098	10.0	141406.0	-6236.7
4099	8.6	141416.0	-6228.9
4100	10.0	141419.0	-6245.5
4101	10.2	141421.5	-6221.7
4102	9.6	141427.0	-6231.9
4103	9.8	141430.0	-6215.3
4104	9.2	141448.0	-6236.5
4105	9.6	141456.0	-6247.4
4106	9.7	141513.5	-6211.7
4107	10.2	141531.5	-6215.1
4108	9.7	141532.0	-6209.7
4109	9.7	141543.0	-6205.3
4110	10.3	141545.0	-6209.4
4111	9.5	141556.5	-6241.8
4112	9.9	141603.0	-6237.2
4113	9.9	141603.0	-6209.5
4114	10.0	141606.5	-6227.5
4115	9.8	141618.5	-6253.2
4116	9.8	141621.5	-6253.3
4117	10.2	141623.3	-6225.9
4118	8.7	141625.0	-6213.7
4119	8.9	141629.0	-6243.0
4120	10.2	141647.5	-6217.7
4121	9.9	141652.5	-6232.4
4122	9.0	141704.5	-6249.5
4123	10.3	141707.5	-6210.5
4124	10.3	141713.0	-6225.2
4125	10.3	141733.5	-6213.7
4126	9.3	141735.0	-6212.9
4127	9.9	141742.0	-6239.9
4128	10.2	141744.0	-6215.7
4129	9.4	141748.5	-6211.7
4130	9.8	141750.5	-6200.7
4131	9.7	141758.0	-6237.7
4132	9.9	141816.0	-6222.7
4133	9.9	141833.0	-6213.8
4134	10.2	141834.0	-6212.5
4135	10.2	141840.9	-6231.7
4136	10.2	141843.4	-6228.4
4137	9.2	141905.5	-6205.4
4138	9.8	141914.3	-6249.6
4139	9.8	141916.8	-6251.8
4140	9.6	141920.3	-6240.6
4141	9.5	141937.0	-6212.7

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4142	10.2	141937.0	-6201.7
4143	9.6	141942.7	-6226.4
4144	9.7	141955.5	-6203.1
4145	10.0	142000.0	-6234.5
4146	9.4	142000.2	-6241.8
4147	10.2	142007.5	-6203.7
4148	8.9	142014.5	-6243.5
4149	9.0	142023.0	-6223.8
4150	10.0	142030.5	-6241.9
4151	10.3	142038.0	-6213.7
4152	8.1	142038.5	-6217.9
4153	9.6	142056.5	-6213.3
4154	10.3	142108.5	-6206.5
4155	9.0	142124.5	-6204.8
4156	9.2	142131.0	-6252.9
4157	9.7	142134.5	-6207.9
4158	10.0	142137.0	-6202.5
4159	10.0	142137.5	-6234.1
4160	10.2	142140.0	-6212.1
4161	10.0	142150.0	-6239.8
4162	9.6	142150.5	-6244.1
4163	10.2	142150.5	-6229.5
4164	9.2	142151.5	-6252.1
4165	10.3	142153.0	-6227.7
4166	10.3	142158.0	-6230.3
4167	10.2	142205.0	-6223.2
4168	9.6	142208.0	-6251.5
4169	10.0	142210.0	-6251.1
4170	9.8	142215.5	-6222.3
4171	9.8	142218.5	-6231.7
4172	9.9	142223.0	-6255.4
4173	8.0	142240.0	-6227.4
4174	10.2	142247.5	-6200.7
4175	8.8	142249.0	-6236.6
4176	9.0	142300.0	-6208.7
4177	9.0	142306.0	-6249.7
4178	9.8	142315.7	-6201.7
4179	10.0	142329.5	-6233.8
4180	9.6	142336.0	-6239.1
4181	10.0	142359.5	-6220.4
4182	9.2	142426.0	-6244.4
4183	9.2	142432.0	-6254.5
4184	9.9	142434.0	-6255.1
4185	9.9	142434.5	-6259.7
4186	8.5	142449.0	-6243.3
4187	9.2	142500.5	-6209.6
4188	9.0	142502.5	-6240.5
4189	9.8	142509.0	-6230.7
4190	9.9	142536.0	-6233.7
4191	9.9	142540.5	-6245.5
4192	9.7	142540.5	-6233.1
4193	9.0	142546.5	-6252.6
4194	10.2	142553.0	-6224.9
4195	9.6	142605.5	-6237.0
4196	10.0	142639.5	-6211.5
4197	10.0	142652.0	-6243.7
4198	9.9	142659.0	-6219.0
4199	8.7	142659.5	-6200.8
4200	9.7	142706.5	-6206.4
4201	9.2	142708.0	-6245.3
4202	10.0	142716.0	-6220.2
4203	10.0	142728.2	-6258.3
4204	9.4	142729.5	-6210.3
4205	9.0	142742.0	-6253.9
4206	9.0	142757.5	-6238.8
4207	10.3	142758.5	-6217.8
4208	9.2	142820.5	-6214.7
4209	8.9	142827.5	-6242.3
4210	9.7	142828.0	-6210.3
4211	9.4	142839.5	-6248.9
4212	9.9	142849.5	-6250.0
4213	8.2	142849.5	-6200.1
4214	10.2	142852.5	-6200.8
4215	10.3	142908.5	-6230.8
4216	8.5	142909.5	-6223.8
4217	9.8	142926.0	-6211.6
4218	10.2	142932.5	-6231.9
4219	9.8	142938.5	-6204.8
4220	8.9	142940.5	-6206.8
4221	9.9	142956.0	-6209.2
4222	9.4	142956.5	-6236.4
4223	9.4	142959.0	-6252.3
4224	9.3	143003.0	-6236.2
4225	10.0	143022.5	-6259.0
4226	9.8	143030.5	-6219.6
4227	9.9	143031.5	-6250.1
4228	9.6	143039.5	-6242.4
4229	9.6	143046.0	-6252.0
4230	8.6	143051.0	-6207.8
4231	9.0	143053.0	-6204.8
4232	9.3	143054.0	-6256.3
4233	9.9	143055.0	-6200.0
4234	9.3	143109.5	-6223.5
4235	9.9	143124.5	-6230.9
4236	9.2	143129.0	-6251.0
4237	10.2	143129.5	-6211.8
4238	10.2	143132.0	-6229.9
4239	10.2	143133.5	-6217.8
4240	9.2	143136.0	-6230.7
4241	9.2	143137.5	-6234.6
4242	8.7	143141.0	-6223.7
4243	9.6	143141.5	-6228.1
4244	10.3	143157.5	-6224.6
4245	9.9	143213.0	-6220.8
4246	8.7	143213.0	-6229.7
4247	9.8	143221.5	-6212.1
4248	10.2	143230.5	-6222.8
4249	9.6	143238.5	-6231.1
4250	9.6	143242.0	-6247.6
4251	9.8	143242.5	-6232.4
4252	9.8	143251.5	-6255.9
4253	9.7	143252.0	-6255.7
4254	8.6	143307.0	-6237.9
4255	8.8	143334.0	-6249.2
4256	9.6	143337.5	-6255.9
4257	6.5	143338.0	-6225.7
4258	9.7	143344.0	-6233.3
4259	9.3	143349.0	-6251.1
4260	9.8	143357.0	-6222.1
4261	9.2	143406.0	-6200.4
4262	10.3	143408.0	-6205.9
4263	8.8	143418.5	-6243.9
4264	9.4	143426.5	-6252.6
4265	10.2	143429.0	-6234.8
4266	8.9	143430.5	-6215.8
4267	10.3	143433.0	-6201.8
4268	10.3	143438.5	-6202.1
4269	9.2	143441.0	-6257.9
4270	10.2	143453.0	-6223.8
4271	9.3	143457.0	-6250.9
4272	10.2	143501.0	-6224.8
4273	8.6	143508.5	-6256.6
4274	10.3	143511.0	-6224.1
4275	6.2	143523.0	-6220.3
4276	9.3	143532.5	-6254.3
4277	9.2	143537.5	-6218.6
4278	9.3	143557.5	-6236.0
4279	9.3	143600.5	-6236.9
4280	10.2	143601.0	-6230.8
4281	7.9	143613.0	-6200.3
4282	9.0	143614.0	-6225.7
4283	8.7	143616.0	-6257.8
4284	9.2	143630.0	-6250.0
4285	9.4	143703.5	-6230.0
4286	9.2	143714.0	-6241.1
4287	9.6	143728.0	-6257.6
4288	10.0	143748.0	-6225.8
4289	9.6	143757.5	-6243.1
4290	10.0	143804.0	-6201.1
4291	9.5	143804.5	-6200.8
4292	9.2	143805.5	-6247.1
4293	10.2	143824.5	-6222.8
4294	8.8	143836.5	-6249.8
4295	9.2	143851.7	-6257.3
4296	9.4	143854.0	-6217.8
4297	9.7	143909.5	-6241.8
4298	10.2	143921.0	-6219.2
4299	9.2	143953.5	-6239.8
4300	9.8	144000.5	-6251.9
4301	9.2	144015.0	-6200.9
4302	10.0	144016.2	-6214.7
4303	9.8	144020.0	-6242.5
4304	9.4	144036.0	-6244.8
4305	10.3	144049.5	-6200.0
4306	8.5	144058.0	-6258.4
4307	9.2	144103.5	-6255.8
4308	9.8	144103.7	-6212.8
4309	9.7	144105.0	-6207.6
4310	8.9	144113.5	-6243.8
4311	9.9	144122.0	-6222.6
4312	10.0	144142.5	-6235.5
4313	9.3	144145.5	-6235.9
4314	9.9	144146.2	-6210.0
4315	8.6	144225.5	-6211.4
4316	8.4	144226.0	-6203.2
4317	9.9	144234.0	-6216.0
4318	8.8	144300.0	-6259.0
4319	9.9	144311.5	-6215.5
4320	9.2	144313.0	-6238.5
4321	8.9	144324.0	-6211.9

4322	9.0	144330.5	-6200.2	4412	9.4	150224.5	-6224.9	4502	9.7	151809.5	-6248.4	4592	9.4	152239.7	-6257.8
4323	9.4	144342.0	-6228.9	4413	8.9	150232.0	-6210.9	4503	9.8	151810.4	-6200.5	4593	9.7	152251.2	-6228.0
4324	9.7	144407.0	-6212.4	4414	9.8	150240.5	-6221.2	4504	10.1	151819.7	-6211.3	4594	10.0	152252.9	-6258.9
4325	10.0	144429.0	-6244.0	4415	8.9	150241.0	-6249.4	4505	10.0	151819.9	-6259.0	4595	9.7	152253.7	-6229.2
4326	9.0	144451.0	-6228.9	4416	9.0	150257.5	-6247.2	4506	10.0	151823.9	-6254.6	4596	9.3	152301.4	-6239.2
4327	8.6	144455.5	-6234.6	4417	9.2	150258.5	-6246.8	4507	10.1	151841.2	-6214.0	4597	9.9	152307.4	-6249.1
4328	9.4	144512.5	-6202.8	4418	9.7	150310.5	-6203.8	4508	9.4	151843.4	-6249.8	4598	9.6	152310.2	-6221.7
4329	9.3	144520.5	-6244.0	4419	10.0	150312.5	-6233.8	4509	10.1	151843.7	-6206.7	4599	10.0	152313.9	-6252.6
4330	9.2	144521.0	-6203.9	4420	8.4	150313.5	-6227.9	4510	9.6	151845.7	-6212.5	4600	9.4	152321.4	-6253.3
4331	9.2	144543.5	-6246.8	4421	9.6	150320.5	-6207.3	4511	9.4	151848.3	-6228.0	4601	9.8	152330.9	-6241.5
4332	9.9	144549.5	-6212.9	4422	9.9	150330.5	-6209.5	4512	10.1	151851.5	-6240.9	4602	9.9	152331.7	-6203.3
4333	10.0	144550.0	-6244.3	4423	8.4	150419.5	-6217.6	4513	10.1	151855.7	-6226.5	4603	9.8	152335.9	-6251.1
4334	9.9	144619.0	-6258.9	4424	9.6	150449.0	-6252.0	4514	9.6	151856.9	-6228.9	4604	10.1	152354.5	-6217.8
4335	9.9	144626.0	-6212.3	4425	8.2	150505.0	-6250.8	4515	9.0	151858.0	-6259.6	4605	9.9	152356.7	-6208.3
4336	9.2	144638.0	-6219.4	4426	9.5	150511.0	-6253.6	4516	9.8	151858.7	-6231.4	4606	9.6	152402.7	-6218.4
4337	5.9	144641.5	-6216.3	4427	9.8	150514.8	-6258.5	4517	9.0	151909.4	-6249.8	4607	10.1	152403.4	-6252.7
4338	8.2	144706.0	-6244.9	4428	10.0	150552.5	-6236.5	4518	10.1	151910.2	-6202.6	4608	9.0	152405.2	-6246.4
4339	8.4	144750.0	-6246.7	4429	9.7	150557.0	-6241.0	4519	10.1	151910.2	-6222.2	4609	9.8	152409.8	-6201.3
4340	8.4	144752.5	-6202.9	4430	9.9	150613.5	-6205.8	4520	9.4	151910.5	-6253.0	4610	9.2	152411.7	-6213.8
4341	9.9	144814.5	-6240.9	4431	7.6	150617.0	-6252.9	4521	9.2	151910.5	-6257.3	4611	9.9	152413.9	-6255.2
4342	9.4	144844.5	-6217.0	4432	9.4	150617.0	-6256.9	4522	10.1	151912.7	-6226.5	4612	9.0	152416.4	-6231.8
4343	8.9	144850.0	-6236.3	4433	9.8	150622.0	-6241.8	4523	8.9	151914.4	-6209.0	4613	9.8	152416.7	-6208.7
4344	9.4	144909.0	-6240.7	4434	10.0	150642.5	-6252.4	4524	9.8	151918.2	-6208.8	4614	10.1	152423.9	-6251.0
4345	8.4	144918.7	-6200.3	4435	10.0	150715.5	-6254.8	4525	10.0	151918.4	-6247.3	4615	9.0	152430.5	-6253.4
4346	9.3	144937.0	-6244.1	4436	8.1	150721.0	-6255.5	4526	10.0	151921.9	-6253.8	4616	10.1	152433.7	-6203.9
4347	9.7	144944.0	-6228.5	4437	9.2	150724.5	-6205.8	4527	10.1	151925.7	-6210.2	4617	10.1	152442.7	-6218.7
4348	9.3	144946.5	-6235.3	4438	8.6	150730.5	-6228.0	4528	9.6	151927.4	-6237.4	4618	10.1	152442.9	-6255.9
4349	9.6	144957.5	-6233.2	4439	9.7	150750.0	-6206.1	4529	10.1	151932.7	-6209.2	4619	9.2	152445.7	-6241.0
4350	9.9	145002.5	-6202.7	4440	9.4	150813.5	-6243.9	4530	8.7	151933.3	-6228.1	4620	9.7	152452.9	-6231.6
4351	9.8	145004.5	-6223.9	4441	9.7	150829.5	-6208.9	4531	9.2	151944.9	-6239.1	4621	9.8	152454.7	-6228.1
4352	9.5	145012.5	-6211.9	4442	9.4	150833.0	-6254.6	4532	9.4	151946.6	-6225.2	4622	8.7	152456.2	-6238.3
4353	9.0	145023.5	-6213.5	4443	8.6	150839.0	-6240.8	4533	9.8	151950.7	-6227.5	4623	10.1	152514.2	-6227.8
4354	9.9	145026.0	-6208.4	4444	9.8	150851.0	-6222.6	4534	9.2	151952.4	-6243.3	4624	8.6	152514.2	-6249.6
4355	9.4	145035.0	-6247.7	4445	8.9	150858.0	-6219.7	4535	9.4	151953.4	-6247.6	4625	10.0	152516.9	-6246.1
4356	10.0	145036.0	-6234.4	4446	9.9	150904.5	-6217.2	4536	10.0	151953.9	-6259.7	4626	10.0	152517.7	-6209.8
4357	9.2	145037.5	-6224.1	4447	9.9	150905.3	-6211.3	4537	9.0	152000.7	-6224.2	4627	9.6	152518.5	-6200.1
4358	9.9	145052.0	-6201.6	4448	9.7	150913.5	-6201.9	4538	9.4	152004.9	-6237.0	4628	10.1	152519.4	-6235.6
4359	9.4	145102.8	-6257.3	4449	9.8	150932.5	-6207.9	4539	10.0	152006.9	-6233.0	4629	9.4	152522.3	-6217.7
4360	9.8	145159.0	-6236.0	4450	9.2	150957.5	-6247.0	4540	10.0	152010.7	-6210.2	4630	10.1	152526.7	-6202.2
4361	9.4	145203.0	-6247.7	4451	9.2	151003.5	-6229.4	4541	9.8	152011.2	-6204.7	4631	9.6	152528.4	-6253.4
4362	9.4	145227.0	-6241.5	4452	9.7	151012.5	-6205.2	4542	9.6	152011.7	-6221.2	4632	9.8	152532.4	-6232.0
4363	9.2	145235.0	-6228.9	4453	8.9	151030.5	-6231.8	4543	10.1	152012.4	-6240.1	4633	9.9	152532.7	-6209.7
4364	10.0	145242.5	-6251.1	4454	8.9	151030.5	-6202.2	4544	8.8	152013.5	-6254.9	4634	9.2	152536.2	-6219.3
4365	9.9	145256.0	-6254.2	4455	9.5	151047.0	-6254.5	4545	10.0	152024.2	-6208.6	4635	9.9	152537.2	-6207.3
4366	9.8	145303.0	-6239.3	4456	9.9	151056.5	-6215.6	4546	10.1	152025.7	-6206.7	4636	8.9	152541.7	-6256.6
4367	9.8	145324.5	-6206.9	4457	9.6	151109.0	-6240.9	4547	10.1	152026.4	-6251.7	4637	9.6	152542.4	-6242.9
4368	9.2	145343.0	-6234.5	4458	9.4	151117.0	-6250.3	4548	9.8	152029.9	-6254.1	4638	9.9	152543.9	-6258.2
4369	10.0	145344.0	-6256.5	4459	9.8	151139.5	-6205.0	4549	10.1	152031.2	-6224.6	4639	10.1	152543.9	-6231.1
4370	9.6	145346.5	-6248.3	4460	8.8	151157.5	-6245.9	4550	10.0	152031.9	-6240.3	4640	9.4	152548.2	-6211.1
4371	9.5	145354.7	-6234.6	4461	8.0	151212.5	-6206.8	4551	10.0	152036.7	-6216.1	4641	10.0	152548.9	-6258.4
4372	9.4	145355.5	-6228.9	4462	8.9	151229.0	-6214.7	4552	9.9	152038.7	-6213.1	4642	9.0	152551.7	-6234.3
4373	8.9	145401.5	-6242.6	4463	9.9	151252.5	-6223.9	4553	9.3	152039.9	-6238.6	4643	9.5	152553.2	-6216.6
4374	9.2	145417.5	-6219.8	4464	9.6	151253.0	-6249.9	4554	10.1	152045.4	-6239.4	4644	10.0	152554.4	-6250.6
4375	9.9	145423.0	-6241.7	4465	9.9	151304.0	-6216.0	4555	9.9	152051.7	-6206.2	4645	9.7	152556.9	-6249.5
4376	8.6	145423.0	-6223.7	4466	9.9	151304.5	-6216.2	4556	9.4	152054.7	-6221.2	4646	9.7	152559.9	-6248.0
4377	8.9	145434.5	-6216.9	4467	8.9	151315.0	-6203.8	4557	10.0	152055.7	-6215.9	4647	8.9	152602.2	-6204.8
4378	7.4	145437.0	-6250.0	4468	8.8	151329.0	-6242.0	4558	9.9	152103.9	-6250.7	4648	8.6	152602.9	-6251.2
4379	8.3	145442.0	-6238.2	4469	9.0	151342.2	-6234.2	4559	9.0	152105.7	-6238.0	4649	9.6	152604.7	-6206.5
4380	9.7	145510.5	-6225.8	4470	8.8	151342.5	-6213.7	4560	10.0	152106.4	-6259.9	4650	9.9	152606.7	-6210.0
4381	9.8	145515.2	-6231.9	4471	9.9	151343.0	-6200.0	4561	10.0	152109.4	-6244.0	4651	9.3	152609.9	-6233.7
4382	9.8	145521.5	-6220.9	4472	9.5	151354.0	-6204.9	4562	9.4	152114.4	-6244.5	4652	8.4	152610.7	-6206.2
4383	8.8	145529.0	-6253.8	4473	9.0	151445.5	-6208.9	4563	9.6	152114.7	-6227.7	4653	9.2	152611.7	-6229.8
4384	9.7	145538.5	-6207.5	4474	9.9	151502.0	-6213.9	4564	10.0	152117.7	-6213.2	4654	9.8	152611.9	-6237.8
4385	9.4	145607.7	-6225.5	4475	8.9	151517.0	-6247.2	4565	9.4	152118.9	-6238.2	4655	9.9	152615.4	-6232.8
4386	9.9	145617.5	-6207.8	4476	10.0	151519.5	-6254.0	4566	10.1	152121.4	-6255.5	4656	9.7	152621.7	-6208.2
4387	8.3	145629.5	-6211.1	4477	8.2	151529.0	-6258.9	4567	9.6	152122.9	-6256.0	4657	9.5	152621.8	-6201.4
4388	9.7	145630.5	-6235.1	4478	9.9	151551.5	-6221.8	4568	10.1	152126.2	-6222.5	4658	8.6	152622.4	-6236.9
4389	9.3	145641.5	-6248.4	4479	9.6	151557.5	-6227.0	4569	9.8	152126.9	-6233.8	4659	9.0	152622.7	-6241.9
4390	9.6	145656.7	-6230.1	4480	10.0	151608.5	-6255.7	4570	9.8	152127.7	-6213.8	4660	10.1	152633.7	-6216.2
4391	9.0	145715.2	-6259.0	4481	8.0	151623.0	-6219.2	4571	9.2	152130.5	-6231.7	4661	10.1	152637.7	-6205.4
4392	8.4	145724.0	-6220.2	4482	8.6	151711.2	-6234.7	4572	9.9	152143.7	-6228.7	4662	10.1	152638.9	-6243.2
4393	9.9	145817.5	-6212.7	4483	10.0	151716.9	-6246.0	4573	9.5	152149.5	-6236.5	4663	10.1	152642.9	-6245.4
4394	9.5	145819.5	-6216.9	4484	10.0	151717.9	-6240.7	4574	9.0	152150.7	-6209.8	4664	9.8	152645.2	-6203.4
4395	9.2	145854.5	-6254.1	4485	10.1	151719.9	-6239.0	4575	9.8	152155.7	-6219.1	4665	7.7	152654.2	-6215.8
4396	9.2	145858.8	-6240.8	4486	9.7	151720.7	-6212.8	4576	10.1	152200.4	-6256.9	4666	10.1	152654.7	-6225.4
4397	10.0	145918.5	-6233.6	4487	9.8	151722.9	-6240.0	4577	9.2	152202.9	-6235.6	4667	9.8	152658.7	-6249.4
4398	10.0	145928.5	-6253.7	4488	9.3	151727.2	-6226.3	4578	10.1	152206.7	-6207.5	4668	9.8	152658.9	-6234.4
4399	9.5	145932.5	-6220.9	4489	9.8	151727.9	-6253.6	4579	10.1	152213.7	-6218.6	4669	9.7	152702.2	-6216.1
4400	9.4	145937.7	-6241.7	4490	9.7	151728.2	-6204.8	4580	10.1	152213.9	-6257.2	4670	10.0	152702.9	-6259.6
4401	9.6	145959.5	-6221.2	4491	10.1	151729.5	-6236.4	4581	10.1	152215.1	-6201.2	4671	9.6	152704.7	-6221.0
4402	8.3	150029.5	-6248.1	4492	9.6	151734.2	-6220.1	4582	10.1	152217.2	-6218.9	4672	9.4	152708.9	-6248.1
4403	9.5	150034.7	-6241.8	4493	9.7	151736.4	-6200.1	4583	10.0	152219.9	-6245.2	4673	10.1	152711.7	-6210.4
4404	9.7	150037.5	-6219.8	4494	9.9	151738.7	-6224.2	4584	9.8	152221.9	-6236.0	4674	9.8	152713.9	-6247.2
4405	9.6	150038.5	-6218.3	4495	10.1	151742.4	-6240.8	4585	9.8	152224.2	-6214.9	4675	10.0	152717.7	-6210.9
4406	9.2	150126.5	-6223.9	4496	10.0	151746.4	-6255.0	4586	9.6	152224.4	-6252.4	4676	8.8	152720.2	-6236.2
4407	8.3	150137.5	-6248.6	4497	10.1	151746.4	-6254.5	4587	9.9	152227.9	-6246.6	4677	10.1	152725.4	-6242.8
4408	9.5	150139.5	-6246.3	4498	9.8	151757.9	-6242.2	4588	9.2	152232.2	-6255.7	4678	9.2	152725.4	-6230.8
4409	9.9	150141.5	-6232.9	4499	10.1	151759.4	-6257.1	4589	9.8	152232.4	-6236.8	4679	10.0	152725.7	-6205.4
4410	9.5	150207.5	-6215.8	4500	9.8	151805.4	-6202.1	4590	9.6	152234.7	-6205.3	4680	10.1	152728.9	-6242.8
4411	8.4	150208.5	-6233.2	4501	9.6	151805.7	-6217.0	4591	9.9	152237.7	-6210.0	4681	10.0	152731.9	-6259.9

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4682	10.0	152732.7	-6214.9	4772	9.6	153223.7	-6252.4	4862	9.9	153634.5	-6213.7
4683	10.1	152739.9	-6239.2	4773	10.1	153228.0	-6224.4	4863	10.1	153636.0	-6219.0
4684	10.1	152744.7	-6208.2	4774	9.9	153231.4	-6200.1	4864	10.0	153643.5	-6226.3
4685	9.6	152745.2	-6215.0	4775	10.0	153234.2	-6242.6	4865	9.6	153651.5	-6224.6
4686	10.1	152758.2	-6206.1	4776	10.1	153237.5	-6228.6	4866	9.5	153652.5	-6222.6
4687	10.0	152800.2	-6207.0	4777	10.0	153237.5	-6209.9	4867	9.8	153655.2	-6237.7
4688	10.1	152803.9	-6252.6	4778	10.0	153238.0	-6210.2	4868	9.3	153657.0	-6225.0
4689	10.0	152805.2	-6215.4	4779	8.9	153247.0	-6227.7	4869	9.5	153700.5	-6222.0
4690	10.0	152805.4	-6253.1	4780	10.0	153248.0	-6221.3	4870	10.1	153700.7	-6236.2
4691	10.1	152813.9	-6246.6	4781	10.1	153249.0	-6220.5	4871	9.7	153706.7	-6230.1
4692	8.5	152815.4	-6238.4	4782	10.0	153301.7	-6240.0	4872	9.2	153709.0	-6220.3
4693	10.1	152817.9	-6258.1	4783	8.8	153304.6	-6232.4	4873	9.6	153714.0	-6209.5
4694	9.0	152820.2	-6204.4	4784	9.7	153315.4	-6200.4	4874	9.6	153715.0	-6210.2
4695	9.8	152825.2	-6222.0	4785	9.4	153316.0	-6221.2	4875	10.1	153716.0	-6208.5
4696	9.1	152826.2	-6234.4	4786	10.1	153322.2	-6233.5	4876	9.5	153716.5	-6215.6
4697	10.1	152826.9	-6253.9	4787	10.0	153324.0	-6220.3	4877	10.0	153718.5	-6204.5
4698	9.8	152827.7	-6222.6	4788	9.3	153327.8	-6236.7	4878	9.8	153719.5	-6220.8
4699	9.2	152828.2	-6254.2	4789	10.0	153332.0	-6206.6	4879	10.0	153722.2	-6252.3
4700	9.6	152828.2	-6226.6	4790	9.9	153335.7	-6259.3	4880	9.6	153734.4	-6202.5
4701	9.8	152831.9	-6236.2	4791	9.6	153340.0	-6207.3	4881	9.6	153740.0	-6208.2
4702	9.8	152832.2	-6205.0	4792	9.6	153340.5	-6205.1	4882	9.6	153744.0	-6223.1
4703	9.6	152833.4	-6240.8	4793	9.8	153341.2	-6249.9	4883	9.3	153748.0	-6222.3
4704	10.0	152836.9	-6239.2	4794	9.9	153343.0	-6207.2	4884	9.8	153748.5	-6224.4
4705	10.1	152837.2	-6209.1	4795	9.6	153354.2	-6238.8	4885	9.6	153752.7	-6251.6
4706	10.1	152840.4	-6246.0	4796	8.9	153355.5	-6206.8	4886	10.1	153755.5	-6209.5
4707	9.2	152841.2	-6205.0	4797	9.9	153356.0	-6227.0	4887	9.4	153756.9	-6202.5
4708	8.1	152847.4	-6237.5	4798	10.1	153400.7	-6233.1	4888	10.1	153758.2	-6246.1
4709	10.1	152847.9	-6245.3	4799	9.4	153401.0	-6228.1	4889	9.9	153800.0	-6204.6
4710	10.1	152906.7	-6201.8	4800	8.8	153401.3	-6227.3	4890	9.5	153803.7	-6249.9
4711	9.6	152910.4	-6248.7	4801	9.9	153402.0	-6214.2	4891	9.7	153811.2	-6234.3
4712	9.6	152917.2	-6213.1	4802	9.7	153403.5	-6224.3	4892	9.2	153815.2	-6255.6
4713	9.8	152918.2	-6217.8	4803	9.2	153405.7	-6259.2	4893	9.6	153815.5	-6216.0
4714	9.8	152925.2	-6209.0	4804	7.7	153408.4	-6248.4	4894	9.4	153821.2	-6236.4
4715	9.0	152925.7	-6258.0	4805	8.9	153413.0	-6224.9	4895	10.0	153822.5	-6208.9
4716	9.7	152928.7	-6219.1	4806	9.8	153413.0	-6221.3	4896	9.2	153826.0	-6213.6
4717	9.8	152929.7	-6224.7	4807	9.7	153413.0	-6216.1	4897	9.2	153826.7	-6230.6
4718	9.8	152933.7	-6207.9	4808	9.5	153413.5	-6213.0	4898	9.7	153826.7	-6252.1
4719	9.8	152934.4	-6254.0	4809	9.8	153419.7	-6255.5	4899	9.6	153830.0	-6210.8
4720	9.8	152935.2	-6227.2	4810	10.0	153420.2	-6244.6	4900	10.1	153830.2	-6254.8
4721	9.0	152939.7	-6250.6	4811	8.8	153420.4	-6243.8	4901	9.9	153831.0	-6227.0
4722	9.6	152943.3	-6208.2	4812	9.2	153422.5	-6210.2	4902	9.6	153831.0	-6220.6
4723	9.9	152948.9	-6259.1	4813	9.8	153423.0	-6213.5	4903	9.9	153832.2	-6245.3
4724	10.0	152953.3	-6216.0	4814	9.8	153423.9	-6200.3	4904	9.8	153833.5	-6218.2
4725	10.1	152954.9	-6239.4	4815	10.1	153424.2	-6253.5	4905	9.6	153836.0	-6221.2
4726	9.2	152953.4	-6244.0	4816	10.0	153427.7	-6245.5	4906	10.1	153836.5	-6204.7
4727	10.0	153000.2	-6215.6	4817	9.0	153428.6	-6237.4	4907	9.8	153836.5	-6229.4
4728	10.1	153001.2	-6224.0	4818	9.8	153429.0	-6209.1	4908	9.2	153837.7	-6254.6
4729	10.0	153002.2	-6222.0	4819	9.7	153432.0	-6225.3	4909	10.0	153838.7	-6232.2
4730	9.6	153004.2	-6203.1	4820	9.6	153434.0	-6210.0	4910	9.8	153843.0	-6220.6
4731	10.0	153004.7	-6221.7	4821	9.8	153437.0	-6216.5	4911	9.9	153844.9	-6200.8
4732	9.6	153004.7	-6203.9	4822	9.1	153437.6	-6233.5	4912	9.1	153853.6	-6226.6
4733	9.7	153006.7	-6207.0	4823	10.1	153439.2	-6244.8	4913	9.9	153904.2	-6253.7
4734	7.2	153007.4	-6247.0	4824	10.1	153440.2	-6248.0	4914	10.1	153907.2	-6232.7
4735	9.8	153008.2	-6203.1	4825	9.8	153440.7	-6234.6	4915	9.8	153907.2	-6255.4
4736	10.1	153012.2	-6240.1	4826	10.1	153442.7	-6253.9	4916	9.9	153908.7	-6236.7
4737	10.1	153024.2	-6250.1	4827	8.7	153444.0	-6210.3	4917	9.8	153908.7	-6231.6
4738	9.8	153031.2	-6235.1	4828	10.1	153446.0	-6229.4	4918	10.1	153909.7	-6235.3
4739	9.6	153031.7	-6258.6	4829	10.1	153449.7	-6248.0	4919	9.6	153910.7	-6251.8
4740	9.8	153034.2	-6232.5	4830	9.6	153450.5	-6222.3	4920	10.1	153918.2	-6233.0
4741	9.6	153037.5	-6229.0	4831	9.6	153453.0	-6216.1	4921	10.1	153919.0	-6201.3
4742	9.9	153038.5	-6223.5	4832	9.8	153454.2	-6256.5	4922	10.1	153922.0	-6201.1
4743	10.0	153039.5	-6222.6	4833	10.1	153459.2	-6241.2	4923	9.7	153928.2	-6253.0
4744	10.0	153043.5	-6215.6	4834	9.1	153500.6	-6257.0	4924	9.6	153935.0	-6209.4
4745	9.9	153045.5	-6222.4	4835	10.0	153500.7	-6252.7	4925	9.8	153940.7	-6230.6
4746	8.9	153045.6	-6241.5	4836	9.2	153504.0	-6208.6	4926	8.8	153944.0	-6208.2
4747	10.1	153048.2	-6243.2	4837	9.8	153507.7	-6236.3	4927	10.0	153947.2	-6240.3
4748	9.8	153055.5	-6205.0	4838	8.8	153518.0	-6202.0	4928	9.8	153950.0	-6226.2
4749	10.1	153112.0	-6211.0	4839	10.1	153518.2	-6241.3	4929	9.3	153952.5	-6222.6
4750	10.0	153114.2	-6248.9	4840	9.4	153518.7	-6255.1	4930	9.6	153954.2	-6237.4
4751	10.0	153127.0	-6211.1	4841	10.1	153519.0	-6206.0	4931	10.1	153957.0	-6219.6
4752	10.1	153129.5	-6213.5	4842	10.0	153519.7	-6240.0	4932	8.8	153957.0	-6228.2
4753	9.2	153129.7	-6246.2	4843	10.1	153526.5	-6227.0	4933	10.0	153957.5	-6227.5
4754	9.4	153135.5	-6210.3	4844	9.8	153526.7	-6250.0	4934	9.6	153959.2	-6250.3
4755	9.6	153141.2	-6248.4	4845	10.1	153528.8	-6218.5	4935	10.1	154002.7	-6250.0
4756	9.2	153142.0	-6212.9	4846	9.7	153531.2	-6252.6	4936	9.6	154004.5	-6200.3
4757	9.8	153143.0	-6204.8	4847	10.0	153534.2	-6234.9	4937	9.4	154005.2	-6244.0
4758	9.5	153144.0	-6218.6	4848	9.7	153535.2	-6250.4	4938	10.1	154009.2	-6239.8
4759	9.0	153145.7	-6202.6	4849	8.2	153536.1	-6244.7	4939	10.0	154012.7	-6253.7
4760	9.6	153147.0	-6215.0	4850	8.4	153542.5	-6208.9	4940	9.9	154013.7	-6252.8
4761	9.6	153152.7	-6244.7	4851	10.1	153544.0	-6207.8	4941	10.1	154017.7	-6240.0
4762	10.1	153153.0	-6210.7	4852	9.4	153544.2	-6259.9	4942	9.8	154022.7	-6253.8
4763	10.0	153154.2	-6253.1	4853	8.8	153546.2	-6258.8	4943	9.5	154026.0	-6216.4
4764	10.1	153157.7	-6245.2	4854	9.0	153552.4	-6256.9	4944	9.8	154029.0	-6213.7
4765	10.1	153159.2	-6248.1	4855	9.1	153556.5	-6213.0	4945	9.5	154030.0	-6204.5
4766	9.9	153203.0	-6227.7	4856	9.9	153602.7	-6237.0	4946	9.8	154031.2	-6255.0
4767	9.7	153203.2	-6247.0	4857	7.9	153609.0	-6224.2	4947	9.7	154032.5	-6216.6
4768	9.6	153204.7	-6248.1	4858	9.9	153623.2	-6250.3	4948	9.8	154034.5	-6221.4
4769	9.7	153208.0	-6254.6	4859	9.6	153623.7	-6254.4	4949	9.8	154035.5	-6205.9
4770	10.1	153217.2	-6237.5	4860	10.1	153627.0	-6220.7	4950	10.0	154036.2	-6255.7
4771	9.4	153219.2	-6240.1	4861	9.8	153630.7	-6235.9	4951	10.1	154039.2	-6245.1

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4952	9.5	154049.2	-6214.6	5012	10.1	154424.9	-6204.0	5072	9.2	154331.6	-6238.6
4953	10.1	154049.7	-6230.1	5013	10.1	154426.2	-6214.5	5073	9.9	154332.6	-6240.2
4954	9.6	154057.1	-6200.6	5014	9.7	154426.4	-6217.2	5004	9.5	154341.8	-6254.8
4955	9.4	154058.9	-6221.6	5015	10.1	154428.2	-6215.2	5005	9.4	154345.1	-6202.0
4956	9.6	154100.9	-6221.2	5016	10.1	154434.6	-6247.6	5006	8.9	154347.1	-6253.3
4957	10.0	154101.2	-6206.2	5017	10.0	154436.4	-6229.6	5007	9.2	154350.8	-6252.7
4958	9.8	154101.4	-6222.3	5018	9.4	154438.9	-6217.1	5008	10.1	154353.1	-6259.2
4959	9.2	154102.9	-6214.0	5019	9.5	154439.9	-6204.8	5009	10.0	154358.4	-6216.4
4960	9.6	154106.1	-6236.0	5020	10.0	154445.6	-6253.5	5010	10.0	154406.9	-6229.4
4961	9.7	154107.4	-6204.6	5021	10.0	154446.4	-6207.7	5011	10.1	154416.9	-6211.8
4962	9.8	154112.4	-6207.0	5022	10.0	154449.6	-6245.8				
4963	8.8	154112.4	-6204.4	5023	10.0	154451.1	-6234.1				
4964	8.9	154113.8	-6251.0	5024	10.0	154451.6	-6253.3				
4965	9.8	154119.1	-6250.2	5025	9.3	154455.2	-6229.6				
4966	9.2	154121.3	-6233.5	5026	9.2	154459.1	-6246.8				
4967	8.6	154129.6	-6243.2	5027	9.6	154500.9	-6222.6				
4968	9.5	154130.4	-6213.8	5028	9.8	154503.9	-6220.3				
4969	10.0	154132.4	-6207.3	5029	9.6	154504.9	-6213.0				
4970	9.1	154133.9	-6204.2	5030	9.4	154507.1	-6239.4				
4971	10.0	154134.1	-6236.0	5031	9.5	154507.6	-6232.0				
4972	9.6	154144.9	-6211.2	5032	10.1	154510.1	-6246.2				
4973	9.5	154145.6	-6244.4	5033	9.8	154511.6	-6254.9				
4974	9.6	154149.4	-6203.2	5034	9.6	154516.5	-6233.7				
4975	10.0	154149.9	-6219.8	5035	10.0	154531.6	-6247.6				
4976	9.5	154150.6	-6238.6	5036	9.6	154535.1	-6236.8				
4977	10.0	154151.1	-6201.8	5037	9.9	154540.1	-6244.6				
4978	10.0	154152.9	-6210.3	5038	9.8	154546.9	-6221.8				
4979	10.0	154155.1	-6256.8	5039	9.9	154552.1	-6259.9				
4980	8.6	154159.0	-6243.7	5040	10.1	154556.1	-6253.3				
4981	9.6	154204.4	-6219.9	5041	8.8	154557.1	-6236.0				
4982	9.2	154209.2	-6227.2								
4983	9.6	154210.1	-6242.2								
4984	10.1	154219.4	-6216.4								
4985	10.0	154222.6	-6231.0								
4986	10.1	154227.2	-6224.9								
4987	10.0	154227.4	-6202.4								
4988	9.5	154228.4	-6223.1								
4989	10.0	154229.9	-6202.5								
4990	8.0	154230.4	-6213.6								
4991	9.6	154230.9	-6229.6								
4992	8.9	154241.6	-6247.7								
4993	9.5	154250.1	-6231.8								
4994	10.1	154310.6	-6254.6								
4995	9.5	154310.9	-6225.5								
4996	10.1	154312.6	-6200.0								
4997	9.7	154314.6	-6234.8								
4998	9.6	154322.9	-6220.6								
4999	9.2	154326.3	-6252.0								
5000	9.7	154327.1	-6253.8								
5001	9.8	154328.4	-6227.2								
5002	9.2	154331.6	-6238.6								
5003	9.9	154332.6	-6240.2								
5004	9.5	154341.8	-6254.8								
5005	9.4	154345.1	-6202.0								
5006	8.9	154347.1	-6253.3								
5007	9.2	154350.8	-6252.7								
5008	10.1	154353.1	-6259.2								
5009	10.0	154358.4	-6216.4								
5010	10.0	154406.9	-6229.4								
5011	10.1	154416.9	-6211.8								
5012	10.1	154424.9	-6204.0								
5013	10.1	154426.2	-6214.5								
5014	9.7	154426.4	-6217.2								
5015	10.1	154428.2	-6215.2								
5016	10.1	154434.6	-6247.6								
5017	10.0	154436.4	-6229.6								
5018	9.4	154438.9	-6217.1								
5019	9.5	154439.9	-6204.8								
5020	10.0	154445.6	-6253.5								
5021	10.0	154446.4	-6207.7								
5022	10.0	154449.6	-6245.8								
5023	10.0	154451.1	-6234.1								
5024	10.0	154451.6	-6253.3								
5025	9.3	154455.2	-6229.6								
5026	9.2	154459.1	-6246.8								
5027	9.6	154500.9	-6222.6								
5028	9.8	154503.9	-6220.3								
5029	9.6	154504.9	-6213.0								
5030	9.4	154507.1	-6239.4								
5031	9.5	154507.6	-6232.0								
5032	10.1	154510.1	-6246.2								
5033	9.8	154511.6	-6254.9								
5034	9.6	154516.5	-6233.7								
5035	10.0	154531.6	-6247.6								
5036	9.6	154535.1	-6236.8								
5037	9.9	154540.1	-6244.6								
5038	9.8	154546.9	-6221.8								
5039	9.9	154552.1	-6259.9								
5040	10.1	154556.1	-6253.3								
5041	8.8	154557.1	-6236.0								

5042	10.0	154604.9	-6211.2	5132	10.1	155227.1	-6251.8	5222	9.8	160203.5	-6231.2
5043	10.1	154607.9	-6211.1	5133	10.1	155227.1	-6255.5	5223	9.6	160212.0	-6220.0
5044	10.0	154612.4	-6206.4	5134	9.6	155230.4	-6211.8	5224	8.0	160242.5	-6243.9
5045	9.6	154613.9	-6215.6	5135	9.5	155233.2	-6201.9	5225	9.0	160242.5	-6240.9
5046	9.7	154620.4	-6223.2	5136	9.8	155233.9	-6208.2	5226	10.0	160247.0	-6214.0
5047	10.0	154625.9	-6211.1	5137	10.0	155238.1	-6245.2	5227	9.1	160258.5	-6240.5
5048	9.1	154626.9	-6206.2	5138	10.1	155240.1	-6251.5	5228	9.4	160311.0	-6226.8
5049	9.4	154628.3	-6244.9	5139	9.9	155245.1	-6232.3	5229	8.1	160318.0	-6226.8
5050	10.0	154632.1	-6256.1	5140	10.0	155246.6	-6235.7	5230	10.0	160321.5	-6220.1
5051	9.8	154633.6	-6243.0	5141	8.8	155248.2	-6220.3	5231	9.4	160328.5	-6248.9
5052	10.0	154635.1	-6250.6	5142	10.0	155252.4	-6229.6	5232	8.9	160340.0	-6221.6
5053	9.8	154635.6	-6231.0	5143	10.0	155305.1	-6235.3	5233	9.5	160345.0	-6243.5
5054	10.0	154641.4	-6207.0	5144	9.6	155306.0	-6257.9	5234	9.8	160351.5	-6234.0
5055	9.8	154646.1	-6251.9	5145	10.0	155307.1	-6246.0	5235	9.1	160403.0	-6205.6
5056	10.0	154658.9	-6203.2	5146	9.8	155307.8	-6256.5	5236	9.2	160412.5	-6256.1
5057	10.1	154700.6	-6248.0	5147	8.9	155311.1	-6236.8	5237	9.8	160422.0	-6208.4
5058	10.0	154703.9	-6207.8	5148	9.9	155311.6	-6248.9	5238	10.0	160423.3	-6201.0
5059	10.0	154717.6	-6249.0	5149	9.6	155312.3	-6242.0	5239	9.3	160431.0	-6246.0
5060	9.5	154724.6	-6257.2	5150	9.6	155317.5	-6245.9	5240	10.0	160434.0	-6218.2
5061	10.0	154732.9	-6222.8	5151	10.0	155320.6	-6253.5	5241	9.4	160446.5	-6207.0
5062	9.2	154735.9	-6206.4	5152	9.6	155321.2	-6203.4	5242	9.3	160450.0	-6223.8
5063	9.9	154738.4	-6224.7	5153	9.6	155326.6	-6229.8	5243	9.3	160452.0	-6232.0
5064	10.1	154749.6	-6256.7	5154	10.1	155329.4	-6228.7	5244	9.6	160455.5	-6255.9
5065	9.8	154803.6	-6256.1	5155	9.6	155334.1	-6238.0	5245	9.4	160511.5	-6238.0
5066	9.2	154803.9	-6210.3	5156	10.0	155338.6	-6241.8	5246	10.0	160512.0	-6205.5
5067	9.1	154804.4	-6207.5	5157	10.0	155344.9	-6216.2	5247	9.6	160517.0	-6257.1
5068	10.1	154809.9	-6229.4	5158	10.1	155349.1	-6251.4	5248	9.6	160521.5	-6228.8
5069	8.6	154814.3	-6242.4	5159	9.6	155351.2	-6219.9	5249	9.0	160530.0	-6208.8
5070	10.1	154816.9	-6228.8	5160	8.9	155356.1	-6230.7	5250	9.8	160535.5	-6217.0
5071	10.0	154826.4	-6217.2	5161	9.9	155356.4	-6210.0	5251	10.0	160548.0	-6221.9
5072	10.0	154836.1	-6250.2	5162	9.9	155359.1	-6250.2	5252	10.0	160610.0	-6223.2
5073	8.4	154836.9	-6227.1	5163	10.0	155359.6	-6246.9	5253	9.8	160617.0	-6208.0
5074	9.7	154842.1	-6252.3	5164	10.1	155359.6	-6244.8	5254	9.6	160622.5	-6212.0
5075	9.0	154847.4	-6216.2	5165	9.6	155409.1	-6229.8	5255	9.2	160624.0	-6222.0
5076	9.4	154851.8	-6254.2	5166	10.1	155410.1	-6255.4	5256	10.0	160626.0	-6219.8
5077	8.6	154852.9	-6220.4	5167	9.8	155416.9	-6203.8	5257	9.6	160629.0	-6215.6
5078	9.8	154859.1	-6245.8	5168	9.8	155422.1	-6236.7	5258	9.4	160630.5	-6248.3
5079	10.0	154901.4	-6222.5	5169	9.6	155422.6	-6228.4	5259	9.1	160640.5	-6248.4
5080	9.0	154903.8	-6238.2	5170	9.5	155422.6	-6249.9	5260	10.0	160643.5	-6220.8
5081	9.3	154903.8	-6241.8	5171	9.7	155423.5	-6226.1	5261	9.1	160643.5	-6214.8
5082	9.8	154904.6	-6236.5	5172	8.6	155432.6	-6221.6	5262	10.0	160644.5	-6208.6
5083	10.1	154906.9	-6203.4	5173	9.6	155433.1	-6249.9	5263	9.1	160649.0	-6237.1
5084	9.6	154908.2	-6228.9	5174	9.2	155437.3	-6240.9	5264	9.6	160655.5	-6258.3
5085	10.0	154910.9	-6203.4	5175	9.1	155440.8	-6236.4	5265	9.3	160711.0	-6225.3
5086	9.7	154911.6	-6242.2	5176	10.0	155446.1	-6257.8	5266	8.6	160717.0	-6244.1
5087	9.8	154913.4	-6215.1	5177	8.7	155453.2	-6204.9	5267	8.6	160719.5	-6210.8
5088	9.5	154923.4	-6209.1	5178	9.5	155501.0	-6258.7	5268	9.7	160735.0	-6239.7
5089	9.7	154927.6	-6238.9	5179	7.6	155517.5	-6259.8	5269	9.7	160745.0	-6251.3
5090	10.1	154929.6	-6245.9	5180	9.0	155521.5	-6246.2	5270	9.6	160801.0	-6257.3
5091	10.1	154935.4	-6226.4	5181	9.0	155530.5	-6218.2	5271	9.6	160801.5	-6203.0
5092	9.5	154940.9	-6216.1	5182	9.7	155541.0	-6258.3	5272	9.6	160804.5	-6245.1
5093	9.7	154941.9	-6218.2	5183	9.0	155545.0	-6242.1	5273	9.6	160805.5	-6223.6
5094	10.1	154943.4	-6210.2	5184	7.9	155557.7	-6225.1	5274	8.5	160806.5	-6219.4
5095	10.1	154944.9	-6208.7	5185	10.0	155601.0	-6221.4	5275	8.4	160806.5	-6208.9
5096	10.1	154953.4	-6247.4	5186	9.7	155605.0	-6249.7	5276	9.3	160811.5	-6235.5
5097	10.0	154958.6	-6247.4	5187	8.4	155612.5	-6234.0	5277	8.9	160840.5	-6232.8
5098	10.0	155004.1	-6243.6	5188	9.5	155620.0	-6255.1	5278	10.0	160842.5	-6203.1
5099	10.0	155008.4	-6218.4	5189	9.5	155640.5	-6243.1	5279	9.2	160845.5	-6234.2
5100	9.3	155015.4	-6212.2	5190	9.4	155700.5	-6241.1	5280	9.1	160857.0	-6240.1
5101	10.0	155021.4	-6210.8	5191	9.1	155705.5	-6257.1	5281	10.0	160902.5	-6205.5
5102	9.8	155026.4	-6204.5	5192	8.8	155705.5	-6227.0	5282	10.0	160907.5	-6225.5
5103	10.0	155028.1	-6239.9	5193	6.9	155725.5	-6238.5	5283	10.0	160930.5	-6230.2
5104	8.9	155039.5	-6240.4	5194	9.7	155730.0	-6237.1	5284	9.1	160932.5	-6259.7
5105	10.1	155044.4	-6210.6	5195	8.9	155740.0	-6223.6	5285	9.3	160936.5	-6206.1
5106	9.7	155053.4	-6213.8	5196	8.6	155745.5	-6258.1	5286	8.8	160939.0	-6220.6
5107	9.7	155105.9	-6201.0	5197	9.5	155752.7	-6234.8	5287	9.6	161010.0	-6237.9
5108	9.6	155116.9	-6209.8	5198	9.0	155759.5	-6251.9	5288	9.6	161013.5	-6234.6
5109	8.5	155119.0	-6232.0	5199	9.4	155819.0	-6222.9	5289	8.5	161017.0	-6217.5
5110	10.0	155124.1	-6231.0	5200	9.8	155829.5	-6216.2	5290	9.6	161037.0	-6235.7
5111	9.8	155126.6	-6236.8	5201	9.0	155832.5	-6228.9	5291	9.4	161045.0	-6216.2
5112	10.1	155127.4	-6215.3	5202	6.9	155850.5	-6237.7	5292	9.1	161045.5	-6217.0
5113	8.2	155128.4	-6221.9	5203	9.6	155854.0	-6227.2	5293	9.4	161049.5	-6239.4
5114	9.6	155131.9	-6206.8	5204	9.8	155857.0	-6224.1	5294	9.0	161051.0	-6241.1
5115	10.0	155134.4	-6216.3	5205	9.6	155901.0	-6227.4	5295	9.1	161115.0	-6242.1
5116	10.0	155135.4	-6208.2	5206	9.1	155901.5	-6256.1	5296	9.3	161118.5	-6237.1
5117	9.7	155139.2	-6226.8	5207	7.7	155918.5	-6235.2	5297	9.2	161120.0	-6255.1
5118	9.6	155139.8	-6233.4	5208	9.5	155931.0	-6259.1	5298	9.2	161121.0	-6245.3
5119	9.6	155142.4	-6229.8	5209	9.5	155931.5	-6247.5	5299	8.2	161134.0	-6216.0
5120	8.4	155146.5	-6246.4	5210	10.0	155931.5	-6221.8	5300	9.9	161143.5	-6214.6
5121	9.6	155149.4	-6208.6	5211	8.8	155942.0	-6236.5	5301	9.1	161149.5	-6242.5
5122	6.6	155154.4	-6211.2	5212	9.4	155951.0	-6213.0	5302	10.0	161157.5	-6227.0
5123	10.0	155155.6	-6241.3	5213	10.0	160007.5	-6213.6	5303	9.6	161158.5	-6225.2
5124	9.4	155159.4	-6200.3	5214	10.0	160007.5	-6215.8	5304	10.0	161205.5	-6205.0
5125	10.1	155206.1	-6237.0	5215	10.0	160034.5	-6224.6	5305	8.6	161210.5	-6250.0
5126	9.9	155207.4	-6211.1	5216	9.2	160035.0	-6232.3	5306	10.0	161219.5	-6218.1
5127	9.8	155207.9	-6201.3	5217	8.9	160036.5	-6228.7	5307	9.7	161244.5	-6253.2
5128	9.6	155216.4	-6212.2	5218	9.0	160051.5	-6253.1	5308	8.5	161247.5	-6238.3
5129	9.6	155220.6	-6236.4	5219	9.2	160120.0	-6219.1	5309	8.8	161248.0	-6247.8
5130	9.6	155221.1	-6246.1	5220	9.6	160147.5	-6255.8	5310	9.6	161252.5	-6215.2
5131	9.8	155225.1	-6241.3	5221	9.1	160203.5	-6252.1	5311	9.3	161253.5	-6255.6
5312	10.0	161303.0	-6203.2								
5313	9.2	161308.5	-6239.6								
5314	10.0	161312.0	-6221.7								
5315	9.4	161314.0	-6221.9								
5316	10.0	161322.0	-6224.8								
5317	9.6	161326.5	-6238.2								
5318	9.6	161327.0	-6226.7								
5319	9.3	161329.5	-6250.0								
5320	10.0	161334.0	-6224.7								
5321	9.8	161335.0	-6208.2								
5322	9.3	161344.5	-6254.3								
5323	8.9	161352.5	-6210.3								
5324	10.0	161359.5	-6217.8								
5325	6.3	161400.5	-6249.8								
5326	9.5	161407.0	-6245.6								
5327	9.0	161425.5	-6212.6								
5328	9.8	161432.5	-6215.4								
5329	9.4	161438.5	-6245.8								
5330	9.0	161445.5	-6228.0								
5331	8.8	161445.5	-6207.8								
5332	10.0	161501.5	-6228.3								
5333	8.6	161528.0	-6259.7								
5334	9.2	161529.5	-6240.8								
5335	9.5	161613.5	-6228.4								
5336	9.1	161627.0	-6200.5								
5337	9.7	161634.5	-6232.5								
5338	8.1	161642.0	-6218.6								
5339	9.3	161646.0	-6211.2								
5340	9.0	161658.5	-6233.0								
5341	10.0	161714.0	-6216.5								
5342	8.5	161718.0	-6251.4								
5343	8.8	161719.3	-6202.7								
5344	8.5	161732.0	-6219.8								
5345	10.0	161732.5	-6219.0								
5346	9.6	161739.5	-6221.0								
5347	9.2	161747.0	-6210.8								
5348	9.4	161751.5	-6209.9								
5349	10.0	161802.0	-6206.6								
5350	8.2	161804.0	-6236.8								
5351	9.1	161812.3	-6251.9								
5352	9.1	161818.5	-6227.0								
5353	9.5	161831.5	-6236.1								
5354	10.0	161840.0	-6204.8								
5355	9.0	161853.2	-6257.9								
5356	9.6	161920.0	-6252.9								
5357	9.6	161929.0	-6223.2								
5358	9.7	161959.5	-6248.7								
5359	9.6	162001.0	-6218.8								
5360	8.8	162017.0	-6202.6								
5361	9.6	162031.5	-6236.6								
5362	7.2	162036.5	-6201.0								
5363	9.8	162040.0	-6207.4								
5364	10.0	162043.0	-6208.8								
5365	9.5	162105.0	-6225.0								
5366	9.6	162109.2	-6242.3								
5367	10.0	162111.5	-6208.8								
5368	9.7	162118.7	-6242.3								
5369	9.7	162120.7	-6258.0								
5370	10.0	162132.0	-6208.2								
5371	10.0	162138.5	-6225.2								
5372	8.9	162202.0	-6243.4								
5373	9.0	162210.0	-6224.0								
5374	9.6	162218.0	-6215.6								
5375	10.0	162239.5	-6216.2								
5376	9.6	162251.0	-6221.6								
5377	9.7	162303.5	-6252.0								
5378	7.4	162305.5	-6200.5								
5379	9.8	162338.0	-6206.2								
5380	9.7	162342.5	-6251.0								
5381	9.0	162346.5	-6227.0								
5382	10.0	162355.0	-6213.3								
5383	9.6	162409.5	-6213.4								
5384	10.0	162410.0	-6203.7								
5385	9.0	162418.5	-6241.9								
5386	9.7	162432.0	-6240.1								
5387	8.5	162442.5	-6216.5								
5388	9.7	162501.0	-6238.0								
5389	8.4	162517.0	-6222.9								
5390	9.1	162521.0	-6222.0								
5391	9.7	162552.5	-6256.9								
5392	9.0	162601.0	-6240.7								
5393	8.9	162632.0	-6253.3								
5394	10.0	162639.5	-6227.2								
5395	9.6	162708.5	-6210.6								
5396	10.0	162710.0	-6210.9								
5397	10.0	162727.0	-6220.6								
5398	9.2	162730.0	-6242.4								
5399	8.9	162736.1	-6227.9								
5400	9.7	162739.0	-6243.4								
5401	10.0	162801.0	-6214.2								

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5402	9.0	162819.9	-6214.7	5492	8.8	165606.5	-6209.6	5582	10.0	171510.9	-6225.0	5672	9.4	173146.3	-6242.9
5403	9.4	162836.0	-6221.2	5493	9.7	165620.0	-6237.2	5583	9.6	171549.4	-6215.0	5673	10.0	173227.4	-6219.5
5404	8.9	162838.5	-6240.7	5494	9.1	165742.2	-6225.2	5584	9.2	171551.1	-6202.4	5674	9.8	173234.8	-6255.7
5405	9.8	162901.0	-6217.3	5495	9.6	165814.2	-6233.0	5585	9.4	171602.9	-6207.1	5675	9.8	173238.4	-6222.9
5406	7.7	162921.0	-6218.1	5496	9.9	165824.5	-6256.0	5586	9.6	171605.8	-6230.6	5676	9.8	173239.9	-6207.9
5407	9.0	162925.8	-6210.8	5497	9.8	170021.5	-6234.2	5587	9.5	171608.4	-6230.8	5677	9.5	173241.1	-6201.2
5408	10.0	162947.0	-6215.8	5498	9.9	170038.0	-6241.4	5588	10.0	171612.9	-6210.4	5678	9.4	173255.6	-6201.1
5409	8.6	162948.3	-6227.9	5499	9.9	170119.5	-6249.5	5589	9.6	171614.4	-6228.6	5679	9.2	173314.4	-6215.9
5410	8.9	162951.0	-6238.0	5500	7.2	170236.9	-6234.7	5590	6.7	171621.3	-6255.3	5680	9.8	173317.8	-6250.5
5411	8.6	163017.0	-6221.7	5501	8.5	170241.5	-6241.0	5591	7.8	171627.1	-6249.8	5681	9.5	173322.4	-6245.2
5412	8.6	163019.5	-6220.2	5502	8.5	170248.0	-6254.0	5592	9.8	171630.9	-6205.0	5682	9.4	173335.3	-6254.7
5413	9.7	163033.0	-6253.5	5503	9.2	170308.5	-6240.9	5593	9.6	171634.8	-6238.3	5683	9.9	173337.8	-6257.6
5414	9.0	163056.0	-6218.6	5504	9.8	170402.5	-6201.7	5594	9.4	171659.3	-6243.5	5684	9.9	173357.4	-6217.9
5415	9.8	163058.5	-6223.7	5505	7.8	170407.0	-6229.9	5595	10.0	171703.4	-6221.7	5685	10.0	173401.9	-6238.7
5416	8.6	163100.5	-6221.9	5506	9.6	170432.2	-6228.5	5596	9.6	171705.8	-6242.3	5686	10.0	173405.4	-6219.3
5417	8.8	163102.0	-6200.6	5507	10.0	170516.8	-6250.7	5597	9.9	171706.9	-6216.8	5687	9.1	173434.9	-6227.0
5418	8.6	163104.0	-6201.1	5508	9.3	170516.9	-6258.4	5598	9.8	171727.3	-6202.1	5688	9.2	173437.9	-6225.3
5419	9.2	163105.5	-6247.4	5509	10.0	170527.2	-6213.1	5599	10.0	171735.3	-6246.5	5689	9.5	173448.2	-6236.2
5420	9.6	163120.5	-6257.8	5510	10.0	170547.4	-6201.6	5600	9.2	171743.9	-6224.2	5690	8.0	173449.4	-6240.8
5421	8.0	163124.0	-6207.4	5511	9.8	170556.4	-6228.6	5601	10.0	171747.9	-6200.8	5691	9.4	173504.9	-6211.6
5422	7.8	163124.0	-6218.3	5512	8.5	170615.8	-6233.4	5602	9.9	171753.2	-6254.8	5692	10.0	173524.4	-6223.5
5423	9.7	163132.5	-6248.6	5513	10.0	170631.8	-6252.7	5603	9.1	171812.3	-6238.4	5693	9.2	173630.8	-6229.9
5424	9.6	163133.0	-6226.7	5514	9.1	170657.2	-6227.1	5604	10.0	171814.9	-6218.5	5694	8.8	173645.4	-6253.0
5425	9.4	163212.5	-6233.1	5515	9.5	170657.4	-6221.9	5605	10.0	171855.4	-6222.5	5695	9.8	173649.3	-6236.3
5426	9.6	163229.5	-6225.2	5516	9.4	170659.4	-6222.4	5606	9.9	171859.8	-6236.0	5696	10.0	173652.4	-6227.7
5427	9.4	163246.5	-6211.6	5517	9.6	170706.8	-6233.6	5607	9.1	171901.8	-6256.6	5697	8.4	173702.4	-6205.7
5428	9.0	163306.5	-6238.9	5518	7.9	170710.3	-6243.9	5608	9.8	171916.3	-6244.8	5698	9.3	173705.3	-6236.9
5429	9.3	163328.0	-6209.9	5519	8.8	170728.1	-6238.0	5609	9.6	171933.4	-6217.8	5699	9.8	173709.9	-6207.7
5430	9.7	163451.0	-6203.6	5520	9.8	170735.8	-6247.4	5610	10.0	171941.8	-6256.6	5700	9.3	173714.9	-6210.0
5431	9.7	163521.5	-6206.1	5521	9.8	170742.3	-6230.7	5611	9.0	171942.4	-6236.3	5701	9.8	173718.4	-6216.6
5432	8.2	163546.5	-6243.0	5522	9.8	170752.3	-6249.2	5612	9.5	172001.4	-6215.6	5702	9.9	173728.3	-6231.8
5433	8.6	163602.0	-6230.2	5523	8.7	170828.2	-6221.7	5613	9.8	172009.4	-6227.2	5703	10.0	173734.4	-6209.7
5434	9.7	163603.0	-6243.2	5524	9.6	170833.8	-6237.0	5614	9.6	172023.4	-6215.8	5704	8.2	173826.5	-6237.9
5435	9.7	163608.0	-6219.3	5525	9.8	170834.8	-6250.8	5615	9.8	172026.8	-6255.2	5705	9.8	173828.9	-6210.7
5436	9.8	163619.5	-6205.8	5526	9.5	170853.0	-6258.2	5616	9.6	172031.8	-6239.2	5706	10.3	173831.1	-6256.4
5437	9.3	163654.0	-6209.3	5527	9.3	170857.4	-6203.4	5617	10.0	172037.9	-6216.9	5707	9.8	173832.0	-6237.9
5438	9.3	163704.5	-6223.0	5528	9.5	170904.3	-6237.3	5618	9.1	172040.4	-6203.8	5708	9.8	173835.3	-6237.7
5439	9.7	163729.5	-6209.8	5529	9.4	170917.4	-6228.9	5619	9.8	172043.4	-6223.9	5709	9.9	173843.4	-6214.0
5440	9.3	163729.5	-6204.8	5530	9.1	170923.4	-6217.5	5620	9.4	172044.4	-6242.2	5710	10.2	173847.6	-6259.9
5441	9.7	163734.5	-6228.0	5531	8.7	170935.3	-6246.9	5621	8.2	172105.4	-6208.1	5711	10.0	173912.6	-6245.1
5442	9.4	163735.5	-6206.1	5532	9.4	170942.4	-6207.9	5622	9.8	172108.8	-6256.4	5712	10.0	173930.6	-6247.1
5443	9.0	163805.5	-6251.1	5533	9.6	171004.3	-6235.9	5623	9.3	172141.9	-6240.8	5713	9.5	173933.4	-6203.9
5444	9.7	163817.0	-6207.0	5534	9.0	171013.2	-6239.5	5624	9.2	172158.6	-6234.0	5714	8.9	173938.4	-6222.7
5445	9.0	163821.5	-6210.2	5535	10.0	171024.9	-6219.9	5625	9.8	172228.9	-6229.3	5715	8.4	173948.1	-6235.5
5446	9.6	163824.0	-6222.2	5536	9.8	171027.4	-6228.2	5626	9.2	172229.9	-6218.8	5716	9.1	173950.8	-6258.3
5447	9.7	163835.0	-6226.2	5537	9.6	171047.3	-6244.2	5627	7.5	172326.3	-6201.1	5717	10.2	173957.1	-6248.6
5448	9.8	163852.0	-6203.0	5538	9.6	171050.4	-6211.7	5628	8.8	172328.3	-6253.9	5718	10.0	173957.5	-6251.9
5449	8.6	163853.5	-6210.9	5539	10.0	171054.8	-6255.0	5629	10.0	172331.9	-6214.0	5719	10.0	174006.6	-6237.0
5450	9.8	163924.0	-6218.8	5540	9.9	171055.9	-6224.6	5630	9.6	172337.3	-6258.5	5720	9.6	174007.4	-6215.6
5451	8.3	163933.5	-6244.2	5541	9.6	171058.3	-6231.6	5631	9.0	172353.2	-6251.7	5721	9.4	174018.0	-6201.5
5452	9.8	164003.0	-6211.6	5542	8.8	171109.9	-6224.5	5632	9.1	172425.7	-6225.7	5722	10.2	174038.9	-6241.5
5453	9.3	164016.5	-6228.1	5543	9.9	171110.4	-6222.8	5633	9.4	172432.4	-6205.9	5723	10.2	174055.1	-6244.2
5454	8.0	164042.3	-6230.9	5544	8.4	171116.3	-6251.9	5634	10.0	172433.2	-6233.9	5724	9.9	174128.8	-6230.0
5455	9.7	164051.5	-6237.2	5545	9.0	171118.4	-6201.6	5635	9.9	172433.4	-6225.8	5725	9.8	174134.8	-6216.1
5456	9.3	164056.0	-6231.0	5546	10.0	171119.8	-6231.9	5636	9.8	172445.9	-6228.3	5726	10.2	174156.1	-6231.7
5457	9.4	164309.2	-6259.9	5547	9.6	171123.8	-6249.9	5637	10.0	172451.4	-6206.5	5727	9.9	174218.1	-6239.4
5458	8.8	164311.0	-6229.5	5548	9.8	171124.9	-6228.8	5638	9.5	172459.8	-6253.4	5728	9.6	174218.5	-6232.0
5459	9.8	164324.5	-6207.0	5549	10.0	171135.8	-6231.4	5639	9.6	172509.3	-6245.2	5729	9.0	174232.8	-6204.2
5460	9.0	164345.0	-6250.8	5550	8.6	171137.4	-6211.2	5640	8.9	172511.4	-6250.8	5730	9.8	174243.9	-6229.1
5461	9.7	164346.5	-6256.0	5551	9.4	171141.1	-6233.3	5641	9.5	172600.3	-6245.0	5731	10.0	174244.4	-6223.8
5462	9.7	164354.0	-6252.5	5552	8.6	171145.8	-6230.8	5642	9.9	172602.9	-6208.7	5732	9.4	174256.9	-6259.4
5463	9.2	164401.0	-6206.2	5553	9.4	171148.3	-6244.4	5643	9.8	172607.8	-6259.5	5733	10.2	174305.6	-6253.4
5464	9.2	164430.5	-6215.0	5554	9.8	171150.8	-6245.4	5644	9.5	172619.4	-6217.9	5734	10.2	174313.1	-6252.1
5465	9.8	164445.0	-6214.9	5555	8.0	171158.3	-6242.8	5645	10.0	172624.6	-6200.9	5735	10.3	174321.1	-6241.2
5466	8.4	164454.5	-6220.0	5556	9.4	171201.8	-6249.6	5646	9.8	172703.8	-6246.8	5736	9.2	174323.2	-6222.0
5467	9.3	164513.5	-6201.1	5557	9.6	171204.4	-6212.1	5647	9.6	172704.8	-6247.7	5737	9.8	174324.1	-6227.2
5468	9.7	164536.0	-6252.8	5558	5.9	171216.8	-6244.2	5648	9.9	172713.3	-6242.8	5738	9.2	174326.1	-6240.7
5469	9.8	164601.5	-6212.5	5559	9.1	171232.9	-6241.9	5649	9.9	172726.9	-6211.0	5739	10.3	174326.4	-6246.9
5470	8.6	164616.8	-6257.7	5560	9.2	171238.9	-6213.8	5650	9.9	172745.4	-6222.4	5740	9.8	174327.8	-6206.8
5471	9.0	164627.0	-6221.7	5561	8.7	171244.9	-6206.2	5651	10.0	172801.4	-6228.0	5741	10.0	174336.4	-6226.1
5472	9.5	164630.0	-6248.4	5562	9.0	171258.6	-6202.8	5652	9.8	172803.8	-6247.2	5742	8.6	174338.6	-6257.7
5473	9.4	164633.0	-6211.0	5563	9.4	171305.9	-6218.8	5653	9.6	172819.3	-6233.4	5743	10.0	174344.1	-6239.8
5474	9.6	164747.0	-6224.9	5564	9.8	171329.4	-6215.6	5654	9.4	172831.8	-6252.3	5744	9.7	174344.1	-6247.7
5475	9.1	164815.0	-6222.1	5565	9.6	171334.9	-6220.0	5655	9.6	172834.4	-6207.6	5745	9.8	174458.7	-6201.5
5476	9.7	164907.0	-6213.3	5566	9.0	171339.9	-6213.6	5656	9.4	172843.3	-6256.8	5746	9.9	174503.6	-6254.5
5477	9.6	164910.0	-6217.7	5567	9.6	171347.8	-6244.0	5657	9.0	172902.4	-6205.1	5747	8.8	174514.7	-6220.1
5478	9.8	164914.0	-6212.2	5568	9.9	171352.8	-6240.0	5658	9.6	172905.8	-6233.5	5748	9.8	174515.2	-6221.1
5479	9.8	165034.0	-6207.1	5569	9.9	171427.4	-6218.0	5659	9.8	172933.4	-6224.8	5749	10.2	174555.6	-6249.9
5480	8.7	165147.5	-6223.2	5570	10.0	171427.8	-6258.3	5660	9.6	172941.8	-6230.0	5750	9.7	174556.6	-6247.5
5481	9.0	165157.0	-6214.6	5571	10.0	171428.8	-6259.0	5661	9.4	172950.3	-6235.9	5751	9.8	174608.7	-6208.3
5482	9.8	165235.5	-6217.1	5572	8.9	171432.9	-6222.8	5662	9.8	173000.9	-6208.2	5752	9.2	174630.2	-6208.1
5483	8.6	165247.0	-6222.2	5573	9.3	171432.9	-6242.0	5663	8.6	173006.9	-6216.3	5753	10.3	174635.1	-6246.1
5484	9.7	165253.5	-6224.0	5574	9.8	171448.3	-6236.2	5664	10.0	173014.4	-6212.0	5754	9.2	174659.4	-6259.5
5485	8.2	165354.5	-6228.2	5575	9.6	171448.8	-6230.8	5665	10.0	173034.9	-6211.4	5755	10.3	174740.1	-6241.2
5486	9.4	165402.0	-6213.2	5576	8.6	171450.9	-6223.6	5666	9.9	173035.3	-6240.6	5756	9.0	174808.1	-6237.0
5487	9.7	165408.0	-6224.8	5577	8.0	171451.3	-6248.1	5667	9.4	173040.4	-6251.9	5757	9.2	174816.6	-6243.3
5488	8.6	165441.0	-6207.6	5578	9.6	171451.3	-6246.6	5668	9.9	173054.9	-6212.1	5758	9.9	174834.1	-6254.5
5489	9.7	165526.0	-6220.4	5579	9.6	171455.3	-6247.2	5669	9.9	173125.3	-6248.7	5759	10.0	174843.6	-6238.7
5490	8.8	165542.0	-6226.2	5580	9.8	171500.3	-6242.0	5670	9.6	173128.8	-6242.7	5760	8.0	174902.2	-6208.7
5491	8.9	165544.5	-6220.3	5581	8.9	171505.8	-6200.1	5671	9.3	173141.3	-6201.2	5761	8.8	174914.5	-6218.4

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5762	8.0	174916.2	-6229.5	5852	9.8	181328.4	-6229.6	5942	9.3	183159.2	-6210.3	6032	9.4	185549.0	-6238.3
5763	10.3	174932.6	-6235.2	5853	7.8	181328.9	-6233.5	5943	9.4	183204.6	-6240.8	6033	7.7	185550.2	-6219.9
5764	9.8	174942.7	-6218.1	5854	9.9	181401.8	-6239.1	5944	9.6	183207.7	-6217.7	6034	8.2	185551.5	-6240.1
5765	9.8	174943.2	-6204.2	5855	10.2	181415.8	-6231.9	5945	10.0	183222.2	-6211.4	6035	9.6	185552.0	-6240.6
5766	9.0	174947.7	-6204.4	5856	9.4	181423.9	-6224.0	5946	9.8	183234.3	-6200.3	6036	9.6	185612.5	-6246.0
5767	10.3	174958.6	-6251.5	5857	10.3	181442.3	-6249.4	5947	9.6	183323.2	-6210.7	6037	9.8	185622.1	-6224.1
5768	10.2	175010.1	-6254.5	5858	8.6	181452.4	-6215.6	5948	10.0	183326.8	-6202.6	6038	9.6	185658.6	-6218.7
5769	9.8	175012.7	-6232.0	5859	10.3	181454.3	-6256.0	5949	9.4	183330.1	-6254.9	6039	9.6	185722.2	-6221.6
5770	8.8	175023.2	-6226.1	5860	10.3	181512.1	-6253.1	5950	9.3	183334.3	-6203.3	6040	9.6	185747.5	-6213.0
5771	10.0	175036.6	-6240.5	5861	10.2	181527.3	-6237.4	5951	8.3	183338.6	-6232.3	6041	9.4	185810.0	-6209.8
5772	9.9	175037.1	-6247.5	5862	8.8	181529.8	-6240.7	5952	9.4	183407.2	-6212.3	6042	9.6	185900.3	-6229.7
5773	10.2	175047.1	-6245.2	5863	9.5	181553.8	-6258.0	5953	9.4	183411.2	-6214.1	6043	9.6	185912.3	-6213.8
5774	10.0	175049.4	-6257.7	5864	10.3	181557.8	-6232.2	5954	9.8	183440.6	-6253.6	6044	9.2	185914.3	-6211.8
5775	10.3	175118.1	-6248.9	5865	10.0	181606.3	-6239.0	5955	9.4	183443.2	-6203.5	6045	9.2	185931.3	-6229.3
5776	9.8	175119.2	-6213.1	5866	9.6	181607.4	-6203.2	5956	9.4	183448.2	-6203.7	6046	8.8	185946.8	-6208.8
5777	8.4	175143.2	-6207.7	5867	9.8	181608.9	-6205.3	5957	10.0	183449.2	-6218.8	6047	9.6	190031.3	-6224.1
5778	10.3	175146.6	-6246.9	5868	9.0	181634.9	-6204.2	5958	9.4	183524.6	-6235.7	6048	9.4	190041.3	-6211.7
5779	10.2	175219.6	-6232.8	5869	8.8	181702.0	-6252.6	5959	8.2	183525.8	-6251.3	6049	8.5	190211.3	-6246.9
5780	9.9	175228.6	-6250.1	5870	9.8	181732.7	-6205.0	5960	8.8	183554.0	-6239.1	6050	9.6	190236.3	-6220.6
5781	9.8	175232.2	-6216.9	5871	9.8	181753.7	-6210.9	5961	8.4	183556.6	-6206.0	6051	8.5	190302.4	-6226.0
5782	10.2	175254.1	-6249.5	5872	10.2	181814.1	-6259.3	5962	9.8	183559.0	-6233.7	6052	9.5	190303.0	-6241.9
5783	9.2	175258.6	-6245.8	5873	10.3	181831.8	-6249.9	5963	7.5	183629.1	-6221.2	6053	9.2	190322.0	-6252.5
5784	10.0	175259.1	-6234.5	5874	9.1	181834.5	-6200.7	5964	10.0	183638.6	-6227.1	6054	9.5	190348.0	-6245.6
5785	10.3	175322.1	-6244.2	5875	9.3	181921.1	-6235.2	5965	9.6	183641.6	-6210.4	6055	9.1	190423.5	-6259.5
5786	9.0	175343.2	-6219.5	5876	10.0	181921.6	-6231.2	5966	9.8	183645.8	-6207.2	6056	9.4	190426.0	-6246.8
5787	8.7	175413.9	-6222.2	5877	10.0	181924.5	-6244.5	5967	9.8	183713.1	-6223.4	6057	8.5	190435.0	-6236.0
5788	9.6	175424.9	-6210.9	5878	9.4	181931.7	-6226.5	5968	9.0	183725.7	-6256.1	6058	9.0	190459.8	-6212.7
5789	9.9	175437.0	-6258.6	5879	4.7	181941.6	-6221.2	5969	8.6	183733.8	-6230.1	6059	7.5	190547.8	-6201.6
5790	9.8	175524.4	-6230.4	5880	9.3	181951.2	-6206.1	5970	9.2	183744.8	-6229.1	6060	9.5	190604.5	-6238.8
5791	8.5	175608.3	-6253.4	5881	7.4	181951.3	-6222.5	5971	8.4	183815.6	-6218.0	6061	9.4	190614.3	-6207.6
5792	8.2	175635.9	-6222.3	5882	8.8	181957.9	-6256.6	5972	9.4	183825.6	-6219.1	6062	9.4	190631.8	-6206.4
5793	9.0	175708.8	-6247.1	5883	9.4	182031.7	-6223.0	5973	9.2	183911.5	-6250.4	6063	8.9	190633.0	-6258.1
5794	10.2	175722.0	-6257.2	5884	10.0	182120.3	-6256.9	5974	10.0	183918.0	-6200.1	6064	9.2	190704.2	-6227.2
5795	8.6	175734.4	-6220.2	5885	9.4	182141.7	-6224.2	5975	9.2	183925.5	-6239.7	6065	8.9	190748.5	-6250.4
5796	10.3	175838.3	-6250.2	5886	9.3	182203.2	-6210.2	5976	9.0	183936.1	-6219.5	6066	8.2	190749.5	-6255.7
5797	6.2	75849.4	-6201.6	5887	9.6	182220.2	-6230.4	5977	8.5	183938.4	-6258.0	6067	8.8	190754.0	-6251.4
5798	8.7	175933.3	-6249.0	5888	9.6	182221.3	-6249.8	5978	10.0	183949.1	-6219.9	6068	8.7	190817.0	-6259.6
5799	10.0	175941.8	-6247.4	5889	10.2	182225.7	-6250.4	5979	7.4	183950.3	-6247.0	6069	9.6	190831.8	-6221.9
5800	9.7	175942.3	-6248.2	5890	9.8	182327.1	-6227.4	5980	10.0	184001.5	-6251.1	6070	9.2	190833.1	-6227.6
5801	9.5	180002.3	-6255.8	5891	8.8	182328.1	-6216.3	5981	9.4	184009.0	-6240.1	6071	9.4	190918.3	-6222.9
5802	9.6	180023.1	-6231.9	5892	9.6	182330.0	-6238.0	5982	10.0	184011.6	-6206.4	6072	9.4	190918.8	-6211.3
5803	9.9	180039.3	-6234.5	5893	8.2	182338.8	-6247.8	5983	4.1	184037.1	-6219.6	6073	9.6	191135.2	-6233.5
5804	9.2	180124.9	-6217.5	5894	9.2	182409.0	-6241.7	5984	9.1	184047.8	-6259.6	6074	9.0	191135.3	-6203.4
5805	10.0	180127.3	-6237.3	5895	9.2	182420.4	-6200.3	5985	9.6	184058.1	-6212.2	6075	9.4	191144.8	-6227.2
5806	9.6	180133.1	-6232.5	5896	9.1	182449.8	-6259.5	5986	9.6	184116.1	-6219.5	6076	9.6	191145.5	-6245.8
5807	9.5	180210.1	-6232.4	5897	10.0	182523.1	-6217.1	5987	9.6	184130.8	-6202.2	6077	8.9	191152.5	-6250.1
5808	8.6	180212.8	-6258.2	5898	9.8	182526.5	-6246.5	5988	9.8	184138.1	-6224.8	6078	8.8	191154.5	-6252.6
5809	10.2	180216.8	-6254.4	5899	9.6	182622.6	-6210.8	5989	9.4	184156.5	-6241.8	6079	8.7	191311.5	-6254.3
5810	10.3	180218.8	-6248.8	5900	10.0	182629.0	-6234.7	5990	9.3	184157.8	-6253.3	6080	8.8	191335.0	-6248.3
5811	9.0	180221.1	-6257.9	5901	9.4	182635.1	-6227.1	5991	9.4	184344.5	-6245.8	6081	7.8	191420.1	-6225.1
5812	9.0	180233.3	-6243.9	5902	9.8	182654.5	-6246.6	5992	9.2	184400.0	-6237.8	6082	9.4	191441.3	-6233.7
5813	9.9	180246.3	-6252.9	5903	9.4	182719.5	-6232.9	5993	9.4	184403.1	-6209.9	6083	9.0	191449.8	-6219.9
5814	9.9	180259.8	-6233.1	5904	9.1	182743.3	-6201.2	5994	8.8	184403.6	-6216.0	6084	9.6	191512.8	-6227.1
5815	9.6	180323.9	-6207.2	5905	10.0	182753.1	-6226.3	5995	9.4	184408.1	-6210.3	6085	9.0	191513.1	-6234.2
5816	9.6	180354.9	-6200.2	5906	10.0	182753.5	-6253.8	5996	9.4	184415.5	-6230.8	6086	9.4	191621.6	-6234.9
5817	9.0	180359.1	-6234.1	5907	9.0	182816.2	-6254.3	5997	9.8	184430.0	-6243.9	6087	9.4	191635.3	-6212.7
5818	9.1	180448.8	-6247.0	5908	10.0	182823.5	-6259.9	5998	9.8	184448.0	-6250.2	6088	9.5	191706.5	-6236.0
5819	9.4	180451.8	-6241.0	5909	8.8	182825.0	-6243.1	5999	10.0	184450.1	-6222.2	6089	8.2	192311.5	-6238.7
5820	10.3	180510.3	-6254.5	5910	9.4	182836.1	-6201.0	6000	10.0	184502.0	-6240.5	6090	9.4	192355.8	-6206.8
5821	10.0	180518.8	-6251.4	5911	8.0	182837.6	-6214.0	6001	10.0	184507.1	-6229.6	6091	9.5	192505.5	-6251.1
5822	9.6	180523.6	-6233.4	5912	10.0	182846.1	-6221.9	6002	7.7	184512.3	-6257.4	6092	9.4	192638.3	-6224.7
5823	10.2	180525.3	-6247.9	5913	9.6	182846.6	-6203.3	6003	10.0	184536.1	-6221.8	6093	9.6	192643.4	-6208.0
5824	9.8	180531.9	-6219.8	5914	8.8	182851.0	-6250.1	6004	9.3	184658.0	-6236.8	6094	8.8	192657.1	-6203.7
5825	9.4	180613.8	-6244.5	5915	9.6	182857.6	-6223.3	6005	9.4	184722.5	-6235.9	6095	9.9	192702.9	-6218.8
5826	9.4	180619.4	-6209.5	5916	10.0	182858.6	-6201.9	6006	10.0	184729.0	-6249.1	6096	8.2	193014.9	-6206.2
5827	8.3	180641.8	-6253.6	5917	8.8	182901.3	-6234.0	6007	10.0	184806.5	-6231.4	6097	9.5	193142.0	-6242.1
5828	9.0	180710.8	-6251.0	5918	10.0	182911.6	-6220.6	6008	9.6	184812.0	-6259.1	6098	9.4	193147.1	-6220.0
5829	10.2	180729.8	-6235.0	5919	9.8	182918.6	-6227.0	6009	7.9	184819.2	-6244.5	6099	9.6	193256.9	-6213.1
5830	10.3	180742.8	-6240.9	5920	9.8	182938.6	-6206.9	6010	9.2	184820.2	-6251.0	6100	9.6	193339.4	-6205.6
5831	9.1	180812.8	-6259.4	5921	10.0	182942.5	-6250.5	6011	10.0	184824.6	-6211.1	6101	10.0	193343.9	-6213.9
5832	7.9	180900.3	-6259.3	5922	8.8	182948.2	-6207.0	6012	9.3	184837.0	-6242.8	6102	9.6	193458.4	-6228.0
5833	9.6	180912.4	-6205.4	5923	9.8	182953.2	-6207.6	6013	9.4	184906.0	-6258.9	6103	7.9	193550.5	-6245.0
5834	9.7	180918.8	-6235.5	5924	8.8	183003.6	-6253.0	6014	10.0	184908.9	-6204.4	6104	9.0	193552.4	-6205.7
5835	10.0	180924.3	-6252.4	5925	9.4	183005.1	-6250.5	6015	9.6	184959.5	-6238.0	6105	9.6	193622.4	-6225.1
5836	7.8	180931.4	-6214.2	5926	8.8	183009.6	-6202.8	6016	8.9	185028.4	-6203.7	6106	9.0	193739.4	-6232.0
5837	9.9	181035.3	-6249.2	5927	9.1	183019.6	-6231.3	6017	9.0	185029.5	-6256.1	6107	9.6	193742.9	-6226.0
5838	9.4	181037.3	-6251.8	5928	10.0	183023.3	-6220.0	6018	8.0	185156.7	-6247.9	6108	7.3	193800.4	-6207.0
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5840	10.3	181054.1	-6251.7	5930	8.8	183034.8	-6231.0	6020	10.0	185200.0	-6246.2	6110	9.4	193843.0	-6249.6
5841	9.7	181112.8	-6234.6	5931	8.8	183049.7	-6226.0	6021	10.0	185214.0	-6256.1	6111	9.9	193904.8	-6213.2
5842	7.9	181118.5	-6238.2	5932	9.4	183051.7	-6206.4	6022	9.6	185227.5	-6234.7	6112	8.1	193904.8	-6240.2
5843	9.8	181159.3	-6243.2	5933	10.0	183052.6	-6246.5	6023	9.8	185238.1	-6211.4	6113	9.3	193908.2	-6253.3
5844	9.8	181217.8	-6232.2	5934	9.4	183052.7	-6222.6	6024	10.0	185349.6	-6211.4	6114	9.2	193909.7	-6254.2
5845	10.3	181230.8	-6257.8	5935	9.6	183107.1	-6202.8	6025	10.0	185351.1	-6215.4	6115	9.8	194016.8	-6205.9
5846	9.8	181233.9	-6222.6	5936	10.0	183111.7	-6205.0	6026	10.0	185408.5	-6254.8	6116	9.9	194320.3	-6212.3
5847	9.6	181241.4	-6222.2	5937	9.4	183114.1	-6257.6	6027	10.0	185438.6	-6203.3	6117	9.9	194414.0	-6253.4
5848	10.3	181300.3	-6246.8	5938	8.6	183120.2	-6216.2	6028	9.8	185441.5	-6210.9	6118	9.3	194553.5	-6237.9
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6122	9.6	194818.8	-6230.0	6212	10.4	210619.5	-6225.7	6302	10.1	215838.2	-6238.4
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6133	10.0	195426.7	-6232.2	6223	9.0	211104.5	-6252.6	6313	9.3	220450.1	-6205.8
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6138	9.4	195642.2	-6223.4	6228	9.0	211451.5	-6242.0	6318	9.4	220614.4	-6259.1
6139	10.0	195643.7	-6221.6	6229	10.1	211504.6	-6229.2	6319	10.2	220708.8	-6222.6
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6141	9.9	195752.2	-6209.9	6231	9.3	211810.2	-6225.8	6321	9.1	220856.9	-6259.3
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6158	9.6	201716.9	-6224.9	6248	8.4	212821.5	-6248.7	6338	9.2	221941.1	-6209.8
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6164	9.4	202117.5	-6257.2	6254	10.4	213214.0	-6251.7	6344	9.6	222322.2	-6202.9
6165	8.4	202131.4	-6258.4	6255	9.9	213214.0	-6250.0	6345	9.2	222353.0	-6252.6
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6167	9.6	202407.0	-6255.4	6257	10.2	213310.0	-6240.6	6347	10.0	222407.1	-6230.9
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6170	9.4	202450.5	-6238.9	6260	10.2	213531.0	-6250.6	6350	10.0	222445.0	-6248.7
6171	9.4	202529.7	-6233.2	6261	7.8	213535.7	-6225.1	6351	9.6	222654.0	-6245.6
6172	8.9	202604.0	-6258.6	6262	9.4	213544.7	-6204.5	6352	7.9	222702.2	-6217.0
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6174	8.4	202641.9	-6235.7	6264	8.7	213702.1	-6223.2	6354	10.0	222832.5	-6255.0
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6176	7.9	203241.0	-6258.8	6266	9.6	213939.4	-6236.4	6356	9.6	222939.3	-6259.3
6177	9.4	203323.9	-6226.5	6267	9.6	213959.2	-6204.8	6357	9.4	222958.9	-6212.6
6178	9.8	203721.2	-6225.9	6268	10.2	214010.8	-6222.7	6358	8.0	223217.9	-6212.2
6179	9.8	204100.2	-6225.9	6269	8.4	214016.4	-6202.6	6359	9.4	223231.9	-6223.2
6180	5.7	204111.0	-6253.5	6270	10.0	214048.2	-6212.0	6360	8.8	223311.9	-6232.0
6181	9.6	204154.2	-6212.8	6271	7.3	214251.2	-6237.9	6361	8.8	223426.4	-6229.7
6182	9.8	204209.2	-6215.4	6272	10.2	214337.6	-6247.1	6362	8.8	223443.5	-6243.1
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6197	9.6	205758.7	-6215.1	6287	10.1	215101.9	-6200.8	6377	8.6	224900.9	-6216.4
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6200	9.8	205856.7	-6226.0	6290	9.2	215239.3	-6215.2	6380	9.4	225051.9	-6201.4
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4	10.4	00110.6	-6335.6
5	8.8	00119.4	-6300.7
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8	9.2	00322.1	-6302.1
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10	8.2	00349.1	-6359.5
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13	9.8	00625.1	-6324.1

14	10.4	00635.1	-6350.3	104	9.8	10205.0	-6321.9	194	9.4	24839.5	-6312.2	284	9.8	35756.5	-6323.6
15	10.4	00649.1	-6306.9	105	9.5	10825.5	-6354.8	195	9.5	24859.0	-6313.9	285	8.1	35833.0	-6315.2
16	10.6	00658.6	-6305.9	106	9.2	10859.0	-6305.8	196	9.1	24909.0	-6338.9	286	8.8	35904.0	-6333.2
17	10.0	00709.6	-6342.4	107	9.0	11043.5	-6348.4	197	7.1	24938.0	-6325.3	287	9.7	35912.5	-6333.2
18	9.8	00738.7	-6356.6	108	9.7	11430.5	-6320.0	198	8.2	25145.5	-6330.7	288	10.1	40003.0	-6345.1
19	8.4	00813.1	-6328.0	109	9.4	11454.5	-6347.4	199	9.4	25315.5	-6343.7	289	9.5	40034.5	-6337.1
20	10.2	00902.6	-6305.6	110	9.6	11619.5	-6355.3	200	9.4	25344.0	-6330.0	290	9.5	40133.0	-6326.6
21	10.2	00904.1	-6304.9	111	9.6	11638.5	-6338.1	201	7.7	25427.5	-6332.1	291	9.5	40149.0	-6355.7
22	10.4	00905.6	-6348.8	112	9.8	11646.0	-6333.6	202	9.3	25525.0	-6309.9	292	9.2	40221.5	-6307.4
23	9.1	01005.6	-6351.3	113	9.6	11900.0	-6331.1	203	8.6	25550.0	-6306.1	293	8.7	40230.5	-6327.0
24	10.0	01011.6	-6304.3	114	9.2	11947.0	-6306.1	204	8.6	25901.5	-6359.4	294	9.0	40314.5	-6303.9
25	9.6	01019.1	-6350.5	115	9.6	12024.0	-6308.2	205	9.4	25950.2	-6333.8	295	10.1	40359.5	-6309.0
26	9.5	01032.1	-6312.8	116	9.4	12232.5	-6336.9	206	9.0	30046.0	-6328.9	296	9.8	40501.0	-6309.0
27	10.2	01156.6	-6340.0	117	9.7	12304.5	-6301.8	207	8.0	30101.0	-6351.7	297	10.1	40539.5	-6358.5
28	10.4	01343.1	-6337.1	118	9.8	12402.5	-6343.2	208	9.6	30222.5	-6352.9	298	10.1	40550.5	-6334.0
29	10.6	01349.4	-6357.0	119	9.4	12427.5	-6312.1	209	9.4	30253.0	-6303.4	299	8.4	40614.5	-6305.5
30	10.4	01420.6	-6351.5	120	9.0	12637.0	-6317.8	210	8.9	30342.0	-6321.2	300	9.1	40632.5	-6339.7
31	9.2	01450.4	-6359.9	121	9.5	12748.5	-6341.4	211	9.6	30751.5	-6355.9	301	9.4	40644.0	-6326.2
32	10.0	01545.6	-6333.8	122	9.1	12812.0	-6329.1	212	7.8	30804.0	-6343.5	302	10.1	40719.0	-6334.1
33	9.2	01608.4	-6358.8	123	9.7	12846.0	-6332.1	213	9.6	31159.0	-6308.0	303	10.1	40806.5	-6316.1
34	10.1	01623.4	-6359.6	124	6.8	12943.0	-6307.1	214	8.9	31333.0	-6326.6	304	10.1	40807.0	-6322.0
35	7.8	01744.6	-6307.3	125	9.7	13028.5	-6312.1	215	8.3	31403.0	-6344.2	305	8.5	40934.5	-6328.8
36	10.6	01745.4	-6357.2	126	9.7	13357.0	-6329.1	216	8.2	31449.5	-6347.4	306	10.1	41009.5	-6331.0
37	10.2	01808.9	-6310.8	127	8.7	13750.0	-6355.5	217	6.4	31506.0	-6303.2	307	10.1	41016.5	-6327.3
38	10.9	02028.2	-6354.0	128	9.4	13949.5	-6349.8	218	9.1	31514.0	-6355.0	308	9.5	41110.0	-6346.9
39	10.9	02057.7	-6355.3	129	9.1	14151.0	-6356.6	219	8.0	31530.0	-6331.7	309	10.1	41309.0	-6335.1
40	10.2	02103.7	-6308.2	130	9.0	14206.7	-6326.1	220	9.0	31622.5	-6302.8	310	10.1	41415.0	-6320.0
41	9.8	02105.6	-6334.1	131	10.0	14309.5	-6302.9	221	8.8	31753.5	-6314.1	311	10.1	41443.5	-6310.9
42	10.0	02108.2	-6358.0	132	8.2	14631.5	-6334.6	222	9.6	31905.0	-6332.0	312	10.1	41521.5	-6352.2
43	9.4	02133.9	-6334.8	133	8.6	14641.0	-6326.8	223	9.0	32000.5	-6307.3	313	10.1	41526.5	-6338.1
44	9.4	02423.7	-6324.5	134	9.1	14718.0	-6351.3	224	8.9	32235.5	-6328.6	314	8.3	41553.0	-6323.8
45	10.9	02445.7	-6320.5	135	8.9	14724.0	-6354.4	225	7.9	32243.0	-6300.2	315	10.1	41608.5	-6336.4
46	9.6	02509.7	-6358.0	136	9.3	14811.0	-6352.8	226	9.1	32305.5	-6329.2	316	5.4	41617.0	-6333.5
47	10.9	02512.2	-6340.6	137	8.2	15142.5	-6341.3	227	9.4	32326.5	-6342.1	317	9.5	41629.5	-6332.1
48	10.4	02513.2	-6318.1	138	9.2	15251.0	-6316.8	228	9.6	32420.5	-6321.5	318	9.2	41641.5	-6333.1
49	10.8	02541.2	-6325.9	139	9.2	15310.0	-6329.8	229	9.6	32432.0	-6329.2	319	9.5	41853.5	-6355.5
50	3.8	02549.2	-6338.9	140	10.0	15526.5	-6301.7	230	7.9	32436.0	-6315.5	320	8.2	41855.5	-6328.0
51	10.0	02626.2	-6346.6	141	9.2	15634.0	-6301.6	231	8.3	32453.0	-6355.5	321	9.1	42017.0	-6354.9
52	5.1	02701.2	-6343.1	142	9.1	15644.0	-6321.8	232	8.8	32458.0	-6356.2	322	9.9	42021.5	-6340.0
53	10.4	02729.2	-6319.2	143	7.8	15648.5	-6322.2	233	9.3	32542.5	-6307.0	323	9.8	42027.0	-6357.1
54	10.0	02744.2	-6327.6	144	8.1	15830.5	-6311.7	234	5.4	32712.5	-6322.5	324	6.4	42031.5	-6340.9
55	9.6	02800.2	-6347.8	145	10.0	15858.0	-6301.7	235	9.1	32926.5	-6336.3	325	9.8	42113.2	-6330.9
56	8.8	02844.2	-6345.1	146	9.2	20114.5	-6325.0	236	7.2	33130.5	-6303.7	326	9.9	42121.0	-6335.7
57	9.6	03020.2	-6313.1	147	9.2	20211.5	-6317.1	237	8.9	33159.5	-6311.2	327	8.8	42234.3	-6335.0
58	10.4	03024.7	-6300.3	148	9.1	20751.0	-6336.9	238	9.6	33238.0	-6337.5	328	9.9	42240.0	-6311.5
59	10.2	03041.2	-6330.1	149	9.3	21021.0	-6348.4	239	9.0	33239.0	-6303.0	329	9.8	42406.0	-6300.3
60	10.0	03108.7	-6326.9	150	9.2	21105.0	-6333.1	240	9.3	33334.5	-6302.8	330	8.6	42449.0	-6302.0
61	10.2	03114.2	-6322.6	151	7.8	21327.7	-6358.3	241	8.7	33514.0	-6311.6	331	9.5	42536.5	-6321.5
62	10.4	03204.7	-6345.9	152	8.2	21420.5	-6318.9	242	9.1	33520.0	-6308.9	332	6.7	42542.0	-6304.6
63	10.4	03225.2	-6337.1	153	8.5	21504.0	-6349.2	243	9.1	33523.0	-6313.3	333	9.2	42615.5	-6327.1
64	9.0	03240.7	-6310.0	154	9.1	21637.5	-6317.0	244	9.4	33604.0	-6349.6	334	9.1	42838.5	-6305.9
65	10.8	03326.7	-6303.3	155	8.9	21638.0	-6343.9	245	9.4	33618.5	-6319.3	335	9.5	42854.5	-6339.6
66	9.8	03334.2	-6330.0	156	8.3	21721.7	-6307.1	246	8.9	33624.5	-6323.3	336	9.9	42919.5	-6339.9
67	10.2	03355.2	-6348.2	157	9.0	22011.5	-6332.1	247	9.2	33636.5	-6303.0	337	9.7	43010.5	-6311.8
68	10.2	03624.7	-6300.9	158	8.9	22038.0	-6301.2	248	10.1	33705.0	-6335.5	338	9.6	43039.0	-6338.3
69	9.8	03739.2	-6326.9	159	8.6	22238.8	-6345.3	249	9.7	33729.0	-6319.8	339	9.9	43039.5	-6314.5
70	9.4	03747.2	-6311.9	160	8.3	22303.3	-6328.8	250	9.2	33956.7	-6309.8	340	9.9	43054.5	-6305.2
71	10.2	03747.2	-6345.5	161	9.5	22508.5	-6320.7	251	9.5	34001.0	-6318.1	341	9.8	43121.5	-6315.1
72	6.6	03904.0	-6310.9	162	8.9	22715.5	-6325.5	252	10.1	34116.5	-6313.0	342	6.9	43215.5	-6304.9
73	8.3	03932.0	-6352.8	163	8.4	22749.0	-6308.8	253	9.0	34120.5	-6350.6	343	9.1	43220.0	-6304.9
74	9.2	04039.7	-6358.3	164	9.1	22757.0	-6309.8	254	9.4	34120.5	-6334.4	344	9.9	43252.0	-6331.1
75	7.5	04053.5	-6321.5	165	8.9	22817.5	-6323.0	255	9.4	34211.0	-6355.1	345	9.8	43315.0	-6327.9
76	8.6	04132.0	-6324.5	166	8.9	22818.0	-6330.7	256	10.1	34251.0	-6354.1	346	9.4	43411.5	-6333.9
77	10.8	04151.0	-6302.2	167	8.5	22911.0	-6333.3	257	10.1	34330.5	-6334.3	347	9.3	43444.5	-6325.3
78	10.2	04505.5	-6309.6	168	9.4	23024.0	-6306.1	258	9.5	34331.0	-6338.4	348	9.6	43508.5	-6357.7
79	10.8	04727.5	-6354.2	169	6.5	23029.0	-6308.2	259	8.8	34429.0	-6332.9	349	9.4	43524.5	-6309.9
80	9.2	04756.0	-6314.4	170	9.1	23038.5	-6332.8	260	10.1	34430.5	-6335.4	350	9.9	43526.5	-6337.9
81	8.8	04803.5	-6336.5	171	9.0	23208.5	-6331.6	261	10.1	34620.0	-6301.9	351	9.8	43626.5	-6352.9
82	10.8	04808.5	-6348.7	172	9.5	23234.5	-6357.7	262	10.1	34640.5	-6308.4	352	9.8	43700.5	-6343.9
83	7.8	04826.0	-6333.0	173	9.5	23433.0	-6336.3	263	10.1	34658.0	-6322.4	353	9.5	43729.5	-6323.1
84	10.4	04848.5	-6328.2	174	9.5	23510.0	-6339.2	264	10.1	34704.0	-6319.8	354	9.3	43841.0	-6335.9
85	10.2	04915.0	-6331.5	175	8.2	23649.0	-6313.8	265	9.2	34831.5	-6336.2	355	9.0	43920.0	-6314.5
86	9.0	04923.0	-6346.1	176	9.4	23650.5	-6338.4	266	10.1	34834.5	-6357.1	356	8.2	43931.5	-6302.3
87	10.6	05003.5	-6354.0	177	9.4	23904.0	-6308.6	267	8.7	34900.5	-6332.1	357	9.8	44105.5	-6302.9
88	10.2	05015.5	-6310.5	178	9.4	23922.5	-6340.9	268	10.1	35100.0	-6341.5	358	7.6	44110.5	-6326.9
89	10.6	05020.5	-6313.0	179	7.7	24046.5	-6326.8	269	10.1	35111.0	-6301.9	359	9.2	44122.0	-6306.7
90	10.8	05041.2	-6323.9	180	9.4	24125.0	-6323.9	270	9.1	35118.5	-6300.5	360	9.0	44123.0	-6311.6
91	8.8	05157.2	-6357.2	181	8.9	24202.5	-6313.9	271	9.2	35220.0	-6333.0	361	9.4	44127.5	-6313.7
92	9.2	05340.0	-6307.7	182	9.4	24243.5	-6309.1	272	10.1	35315.5	-6327.4	362	9.1	44213.5	-6323.5
93	9.8	05439.5	-6342.0	183	8.1	24300.5	-6314.9	273	10.1	35319.0	-6339.1	363	9.2	44315.5	-6347.8
94	9.8	05455.0	-6332.6	184	9.1	24312.5	-6335.8	274	9.5	35330.0	-6338.1	364	9.0	44347.5	-6332.0
95	9.8	05536.0	-6348.7	185	7.9	24518.5	-6328.9	275	6.6	35427.5	-6349.5	365	7.3	44349.0	-6327.2
96	10.4	05543.0	-6357.9	186	9.0	24525.0	-6335.5	276	9.1	35434.0	-6318.8	366	8.8	44418.0	-6354.8
97	10.2	05555.5	-6304.8	187	9.0	24529.0	-6346.0	277	10.1	35502.0	-6302.9	367	9.9	44443.0	-6323.1
98	9.3	05738.5	-6329.8	188	5.5	24614.5	-6319.6	278	9.5	35507.5	-6301.0	368	9.9	44444.0	-6318.9
99	10.4	05804.5	-6351.1	189	9.5	24655.5	-6339.8	279	10.1	35511.5	-6347.4	369	8.5	44454.0	-6346.9
100	9.5	05806.5	-6355.1	190	9.3	24656.5	-6303.9	280	9.2	35539.5	-6331.7	370	7.5	44602.0	-6302.9
101	10.8	10037.2	-6313.0	191	9.5	24801.5	-6301.0	281	10.1	35553.5	-6327.4	371	9.5	44639.5	-6325.9
102	10.0	10039.3	-6323.9	192	9.1	24820.5	-6313.8	282	10.1	35605.0	-6331.2	372	7.7	44702.5	-6341.7
103	9.8	10135.0	-6313.2	193	8.6	24838.5	-6322.0	283	10.1	35733.0	-6308.3	373	8.8	44708.0	-6357.7

-63 374 4h47m

-63 733 7h23m

374	8.2	44729.0	-6311.7	464	10.0	53312.0	-6359.0	554	9.1	62001.0	-6352.2	644	9.2	65222.5	-6353.4
375	9.6	44848.5	-6346.9	465	9.3	53550.0	-6354.9	555	8.5	62017.3	-6359.8	645	9.2	65222.5	-6344.5
376	8.6	44851.5	-6322.5	466	9.3	53558.5	-6313.7	556	9.4	62050.0	-6345.9	646	9.2	65255.5	-6312.5
377	9.8	44906.0	-6358.9	467	10.0	53642.0	-6315.7	557	10.0	62113.5	-6346.1	647	8.8	65333.5	-6300.4
378	8.7	45142.0	-6324.1	468	9.2	53704.0	-6331.8	558	10.0	62146.5	-6326.2	648	10.0	65350.0	-6347.5
379	8.6	45209.0	-6348.9	469	9.8	53715.5	-6310.2	559	9.4	62157.0	-6358.9	649	9.2	65412.5	-6305.5
380	9.6	45250.5	-6307.2	470	10.0	53757.0	-6313.4	560	9.5	62208.5	-6337.1	650	10.0	65414.5	-6321.2
381	9.3	45338.5	-6349.1	471	9.9	53813.0	-6348.9	561	8.4	62213.5	-6336.9	651	8.8	65449.5	-6309.1
382	9.5	45348.0	-6353.5	472	9.3	53830.3	-6347.4	562	9.7	62223.5	-6347.3	652	9.5	65511.5	-6321.9
383	9.8	45432.0	-6347.9	473	10.0	54014.0	-6312.3	563	9.6	62231.5	-6315.9	653	9.7	65512.0	-6341.6
384	9.8	45458.0	-6307.9	474	9.7	54042.5	-6338.0	564	9.2	62242.5	-6308.0	654	10.0	65521.0	-6340.1
385	9.6	45459.5	-6311.8	475	9.3	54113.0	-6321.0	565	9.3	62246.5	-6305.4	655	10.0	65539.5	-6314.6
386	9.3	45517.5	-6317.9	476	10.0	54121.5	-6349.3	566	9.8	62321.5	-6340.8	656	9.8	65600.0	-6315.7
387	8.8	45524.5	-6344.3	477	10.1	54451.0	-6356.8	567	8.9	62327.5	-6343.0	657	9.7	65614.0	-6335.6
388	9.2	45606.5	-6319.0	478	9.6	54538.0	-6355.9	568	7.4	62333.5	-6321.1	658	9.5	65617.5	-6307.9
389	9.1	45617.5	-6340.1	479	9.7	54550.5	-6305.9	569	9.7	62351.0	-6354.5	659	9.3	65721.5	-6322.2
390	9.3	45625.0	-6323.5	480	10.1	54552.7	-6357.8	570	9.6	62353.5	-6331.3	660	10.0	65843.8	-6322.1
391	7.9	45719.5	-6323.9	481	8.9	54558.5	-6318.7	571	10.0	62355.5	-6359.1	661	10.0	65847.5	-6343.1
392	9.8	45729.5	-6325.9	482	9.1	54727.0	-6326.5	572	6.1	62409.5	-6345.2	662	9.7	65913.0	-6311.9
393	9.2	45804.0	-6336.7	483	10.1	54807.0	-6321.9	573	10.0	62420.5	-6346.7	663	9.5	65922.2	-6311.9
394	9.8	45816.7	-6321.2	484	9.3	54820.0	-6324.0	574	9.6	62430.3	-6359.0	664	9.3	65946.0	-6351.9
395	8.7	45827.8	-6312.8	485	10.0	54829.5	-6349.3	575	9.1	62430.5	-6314.3	665	9.6	65951.0	-6318.9
396	9.1	45928.5	-6348.7	486	9.3	54834.0	-6303.2	576	9.4	62451.5	-6322.4	666	9.5	70009.5	-6306.7
397	9.8	45931.2	-6313.6	487	9.4	54847.0	-6344.0	577	9.6	62511.0	-6313.8	667	9.6	70040.0	-6345.1
398	9.6	50003.5	-6348.3	488	10.1	54903.5	-6304.5	578	9.6	62523.5	-6300.6	668	8.9	70043.2	-6326.1
399	9.5	50015.7	-6317.0	489	10.1	54904.0	-6329.9	579	9.8	62525.5	-6337.2	669	9.7	70111.0	-6352.9
400	8.7	50018.8	-6315.3	490	9.9	54944.0	-6348.8	580	10.0	62541.5	-6336.2	670	9.2	70124.3	-6308.7
401	10.0	50035.5	-6330.8	491	8.5	54948.0	-6336.6	581	10.0	62553.5	-6351.1	671	9.4	70127.0	-6307.5
402	10.0	50119.0	-6304.3	492	8.8	55005.5	-6321.3	582	9.4	62630.7	-6302.1	672	9.1	70136.2	-6356.9
403	10.0	50131.0	-6308.4	493	9.7	55007.5	-6317.1	583	10.0	62648.5	-6350.0	673	9.4	70158.0	-6313.6
404	10.0	50152.5	-6345.8	494	9.7	55013.5	-6330.4	584	9.2	62701.5	-6306.3	674	9.2	70207.0	-6344.1
405	8.8	50218.8	-6322.6	495	7.9	55042.5	-6333.4	585	9.5	62829.5	-6343.0	675	9.7	70212.0	-6358.3
406	10.0	50227.5	-6351.6	496	9.5	55150.5	-6321.9	586	8.6	62912.5	-6306.2	676	9.7	70229.0	-6353.5
407	9.8	50227.5	-6307.6	497	7.7	55239.0	-6320.2	587	9.5	63008.3	-6359.5	677	9.1	70234.0	-6320.1
408	10.0	50235.5	-6321.0	498	6.2	55309.5	-6307.6	588	10.0	63017.5	-6310.0	678	9.1	70303.0	-6314.5
409	10.0	50335.0	-6327.1	499	10.1	55327.0	-6340.0	589	9.1	63031.0	-6337.2	679	9.5	70312.8	-6301.9
410	8.9	50341.5	-6345.8	500	9.7	55354.0	-6343.2	590	8.9	63036.5	-6326.5	680	9.5	70314.5	-6331.1
411	9.7	50405.0	-6322.9	501	9.7	55403.5	-6359.4	591	9.5	63053.0	-6331.0	681	9.1	70358.0	-6305.3
412	9.5	50406.5	-6311.8	502	9.0	55452.5	-6306.0	592	10.0	63054.5	-6350.3	682	9.7	70505.0	-6338.3
413	9.2	50427.5	-6318.6	503	9.6	55609.5	-6308.8	593	9.3	63103.5	-6344.7	683	8.6	70507.5	-6353.1
414	9.3	50449.5	-6328.8	504	9.9	55654.0	-6314.4	594	9.5	63107.5	-6303.2	684	9.3	70517.0	-6336.8
415	8.9	50459.5	-6345.2	505	9.3	55809.5	-6344.0	595	10.0	63122.0	-6306.7	685	9.7	70520.0	-6320.7
416	8.9	50527.0	-6332.8	506	9.0	55817.5	-6323.0	596	10.0	63133.0	-6339.0	686	9.0	70556.5	-6348.3
417	7.9	50536.0	-6318.6	507	9.4	55842.0	-6323.9	597	9.6	63136.0	-6334.8	687	9.4	70617.0	-6307.3
418	10.0	50551.5	-6353.6	508	9.9	55923.5	-6327.0	598	9.3	63153.0	-6358.4	688	9.4	70627.0	-6346.2
419	10.0	50603.0	-6340.2	509	9.4	55953.5	-6357.2	599	9.6	63158.0	-6350.4	689	8.9	70706.0	-6316.5
420	7.1	50634.5	-6333.4	510	9.4	60006.5	-6322.1	600	10.0	63159.0	-6301.1	690	9.7	70714.5	-6310.2
421	9.3	50744.5	-6337.2	511	9.1	60019.5	-6343.7	601	10.0	63210.0	-6305.0	691	9.6	70733.5	-6319.6
422	9.5	50753.5	-6322.6	512	10.1	60022.0	-6331.8	602	9.2	63225.0	-6312.6	692	8.8	70800.5	-6333.3
423	10.0	50820.0	-6306.7	513	9.4	60028.0	-6356.7	603	10.0	63229.0	-6351.2	693	9.3	70804.0	-6306.3
424	10.0	50828.5	-6349.9	514	9.4	60041.3	-6358.9	604	10.0	63246.5	-6324.7	694	9.7	70829.5	-6302.2
425	10.0	50844.0	-6334.2	515	10.1	60047.5	-6307.9	605	7.9	63327.5	-6349.0	695	9.0	70839.0	-6336.1
426	7.5	50844.5	-6356.0	516	10.1	60051.5	-6302.9	606	9.6	63344.5	-6331.7	696	9.7	70852.0	-6355.9
427	9.8	50909.0	-6305.2	517	8.6	60121.0	-6332.2	607	7.5	63350.5	-6309.5	697	9.7	70911.0	-6325.7
428	9.8	50917.5	-6317.8	518	10.1	60209.5	-6310.9	608	10.0	63434.5	-6343.0	698	9.2	70925.0	-6325.3
429	9.4	50941.5	-6331.2	519	8.7	60224.5	-6344.6	609	9.4	63437.0	-6346.3	699	9.1	71001.0	-6344.9
430	10.0	51021.5	-6355.0	520	8.5	60228.5	-6320.7	610	9.2	63537.5	-6341.0	700	9.7	71027.0	-6320.1
431	9.3	51143.5	-6345.8	521	9.1	60243.0	-6329.4	611	10.0	63626.5	-6317.4	701	9.7	71108.5	-6333.9
432	9.7	51230.5	-6325.0	522	9.8	60257.0	-6331.3	612	9.2	63630.5	-6345.1	702	9.7	71127.0	-6331.1
433	10.0	51255.5	-6348.4	523	10.1	60316.5	-6332.9	613	10.0	63651.0	-6358.2	703	9.2	71202.5	-6308.8
434	10.0	51312.0	-6302.8	524	8.8	60530.5	-6302.7	614	10.0	63656.5	-6342.1	704	9.0	71208.0	-6300.1
435	9.4	51327.0	-6322.6	525	9.7	60536.5	-6317.7	615	9.7	63708.5	-6308.6	705	8.9	71216.0	-6343.6
436	8.1	51330.5	-6340.8	526	9.6	60545.5	-6312.9	616	9.7	63719.5	-6315.3	706	9.7	71245.5	-6337.7
437	9.2	51332.5	-6344.8	527	9.6	60609.0	-6304.3	617	9.0	63730.5	-6355.8	707	9.7	71257.0	-6337.4
438	8.4	51349.0	-6312.7	528	8.8	60719.0	-6317.0	618	8.4	63743.0	-6326.1	708	9.0	71326.0	-6315.5
439	9.1	51422.0	-6318.1	529	9.4	60726.5	-6311.9	619	9.6	63747.0	-6334.9	709	9.5	71439.0	-6300.7
440	9.3	51448.5	-6304.5	530	9.7	60732.0	-6313.8	620	9.7	63751.5	-6347.4	710	9.7	71522.0	-6347.1
441	8.7	51454.5	-6328.6	531	8.7	60742.0	-6334.3	621	10.0	63755.5	-6344.4	711	7.9	71537.0	-6354.2
442	9.8	51529.0	-6304.4	532	9.3	60825.5	-6356.0	622	8.7	63759.5	-6321.1	712	8.1	71558.0	-6315.1
443	9.5	51613.0	-6345.9	533	9.1	61010.0	-6314.4	623	10.0	63802.5	-6300.5	713	9.6	71608.5	-6357.7
444	9.5	51629.5	-6319.0	534	9.1	61028.5	-6316.9	624	9.4	63820.3	-6356.7	714	9.2	71630.5	-6356.5
445	9.2	51641.0	-6319.9	535	9.0	61105.5	-6353.7	625	9.4	63928.0	-6313.1	715	9.0	71642.5	-6312.0
446	9.5	51708.0	-6325.0	536	10.1	61131.5	-6349.3	626	10.0	64111.0	-6301.4	716	9.5	71643.0	-6338.3
447	10.0	51720.0	-6318.0	537	9.3	61349.5	-6315.4	627	9.1	64120.5	-6335.3	717	7.3	71728.0	-6309.3
448	8.4	51742.5	-6306.6	538	8.8	61436.5	-6323.2	628	8.7	64216.5	-6300.5	718	8.7	71730.5	-6349.9
449	8.8	51905.0	-6311.7	539	10.1	61450.5	-6317.1	629	9.4	64231.5	-6325.9	719	9.5	71755.5	-6334.3
450	8.7	51957.5	-6338.7	540	9.3	61642.5	-6313.9	630	9.2	64233.0	-6346.2	720	9.7	71804.5	-6308.1
451	10.0	52017.0	-6341.3	541	6.9	61706.7	-6358.7	631	9.8	64314.5	-6350.1	721	9.6	71809.5	-6343.7
452	9.8	52048.5	-6349.5	542	8.8	61738.5	-6305.0	632	9.2	64330.5	-6339.7	722	9.7	71829.5	-6324.5
453	10.0	52118.0	-6355.7	543	10.1	61804.5	-6313.1	633	9.8	64334.5	-6324.1	723	9.7	71834.5	-6326.7
454	8.2	52137.0	-6300.7	544	9.7	61815.5	-6348.3	634	8.9	64420.5	-6312.1	724	9.7	71935.5	-6357.5
455	9.1	52249.5	-6343.5	545	10.1	61822.5	-6345.4	635	9.5	64525.0	-6315.1	725	9.5	71936.0	-6356.2
456	10.0	52326.5	-6306.7	546	10.0	61829.5	-6308.9	636	9.5	64536.5	-6352.1	726	8.7	71945.5	-6330.9
457	8.8	52532.0	-6317.2	547	9.0	61843.5	-6337.0	637	9.6	64635.0	-6303.9	727	9.7	71951.5	-6330.1
458	8.9	52546.5	-6347.8	548	7.7	61851.7	-6346.0	638	9.1	64636.5	-6320.2	728	9.7	72019.0	-6324.7
459	10.0	53014.0	-6358.4	549	10.0	61853.5	-6316.0	639	9.1	64713.0	-6318.0	729	8.9	72046.5	-6339.3
460	7.1	53201.0	-6332.3	550	9.3	61909.5	-6303.0	640	10.0	64953.5	-6316.8	730	9.7	72056.0	-6318.6
461	10.0	53211.0	-6341.9	551	10.0	61919.5	-6305.1	641	8.8	65052.5	-6352.5	731	9.6	72102.5	-6303.9
462	10.0	53256.0	-6320.6	552	10.0	61922.0	-6307.2	642	10.0	65057.5	-6306.4	732	9.5	72218.5	-6332.7
463	8.7	53300.5	-6337.8	553	10.0	61926.0	-6331.1	643	9.6	65105.5	-6304.5	733	9.7	72308.0	-6300.0

734	9.0	72343.0	-6324.8	824	9.6	74909.0	-6339.1	914	9.6	81246.5	-6347.3	1004	10.0	83322.0 -6313.8
735	9.7	72445.0	-6323.1	825	9.4	74910.0	-6300.4	915	8.5	81302.0	-6351.1	1005	9.3	83339.0 -6339.0
736	9.1	72550.0	-6328.7	826	9.7	74955.0	-6353.1	916	9.4	81319.8	-6357.5	1006	9.6	83345.5 -6302.6
737	9.2	72551.0	-6305.9	827	9.2	75042.5	-6328.9	917	9.7	81346.0	-6329.7	1007	9.2	83353.0 -6310.9
738	8.8	72608.7	-6359.0	828	7.9	75048.2	-6358.2	918	9.7	81419.0	-6332.1	1008	9.2	83400.0 -6332.2
739	8.6	72635.5	-6317.7	829	9.1	75053.0	-6325.8	919	9.4	81435.0	-6319.3	1009	9.8	83420.5 -6318.6
740	9.4	72700.5	-6333.9	830	9.4	75115.0	-6324.1	920	9.7	81435.5	-6301.5	1010	9.2	83440.0 -6350.2
741	8.3	72720.0	-6312.0	831	9.7	75143.0	-6301.8	921	9.4	81455.5	-6353.5	1011	10.0	83441.0 -6337.0
742	9.7	72740.0	-6340.6	832	8.8	75206.0	-6326.4	922	6.8	81512.0	-6347.9	1012	7.5	83449.0 -6311.4
743	9.2	72753.5	-6304.9	833	9.5	75214.0	-6321.2	923	9.5	81549.0	-6309.2	1013	10.0	83501.5 -6315.6
744	9.2	72827.0	-6340.9	834	8.5	75215.0	-6319.3	924	9.0	81615.0	-6348.7	1014	8.9	83504.0 -6349.4
745	9.7	72854.0	-6310.1	835	9.2	75217.5	-6327.6	925	9.1	81619.0	-6352.0	1015	8.9	83717.0 -6306.5
746	9.3	72911.0	-6324.0	836	9.5	75223.5	-6347.3	926	9.7	81713.5	-6343.6	1016	10.0	83721.0 -6352.3
747	9.6	72923.0	-6343.3	837	9.4	75228.0	-6341.6	927	9.6	81726.5	-6310.4	1017	9.8	83752.5 -6300.6
748	9.4	72933.0	-6330.1	838	9.7	75241.0	-6313.1	928	9.6	81800.5	-6328.8	1018	10.0	83759.5 -6315.0
749	8.7	73003.0	-6309.7	839	9.6	75245.5	-6339.1	929	8.8	81808.5	-6330.1	1019	9.6	83812.5 -6330.7
750	9.4	73009.5	-6352.1	840	9.4	75253.0	-6340.9	930	9.1	81814.0	-6330.0	1020	9.2	83821.0 -6306.6
751	8.3	73123.5	-6303.3	841	9.7	75257.0	-6345.5	931	9.3	81816.0	-6350.3	1021	9.8	83831.0 -6359.8
752	9.7	73139.5	-6356.0	842	9.2	75333.5	-6313.7	932	8.5	81821.0	-6306.4	1022	9.4	83855.5 -6353.0
753	9.7	73300.0	-6315.7	843	9.1	75412.5	-6353.0	933	9.0	81831.0	-6308.8	1023	7.4	83903.5 -6353.4
754	9.0	73313.0	-6312.9	844	9.2	75424.0	-6351.5	934	8.9	81831.5	-6356.8	1024	9.6	83915.0 -6315.2
755	9.4	73342.0	-6301.6	845	9.7	75435.0	-6347.2	935	9.7	81845.0	-6322.1	1025	9.7	83915.5 -6327.9
756	9.5	73343.0	-6327.1	846	9.7	75444.5	-6317.2	936	8.8	81847.0	-6336.6	1026	9.2	84107.5 -6351.5
757	9.4	73416.5	-6334.9	847	9.1	75456.0	-6340.4	937	9.3	81854.6	-6358.9	1027	9.2	84114.0 -6318.4
758	9.5	73516.5	-6343.2	848	9.3	75509.0	-6350.3	938	8.5	81858.8	-6340.3	1028	10.0	84116.0 -6341.4
759	8.3	73524.5	-6355.9	849	9.1	75517.5	-6344.5	939	9.5	81911.3	-6349.8	1029	9.8	84129.0 -6307.7
760	8.2	73527.5	-6301.2	850	9.7	75519.0	-6345.9	940	7.5	81922.5	-6342.4	1030	9.3	84146.0 -6312.4
761	9.0	73618.0	-6358.1	851	9.7	75520.5	-6311.9	941	10.0	81928.0	-6306.5	1031	10.0	84216.0 -6335.0
762	9.0	73631.0	-6345.9	852	8.9	75542.5	-6338.5	942	9.8	81936.5	-6334.2	1032	10.0	84313.5 -6342.6
763	7.9	73651.0	-6339.4	853	8.5	75551.0	-6322.4	943	9.6	82007.5	-6359.6	1033	8.1	84329.0 -6326.2
764	8.8	73654.5	-6317.0	854	9.7	75556.0	-6338.4	944	9.3	82007.5	-6305.6	1034	10.0	84331.5 -6301.6
765	9.7	73700.5	-6312.7	855	8.8	75614.3	-6359.0	945	9.2	82011.7	-6355.1	1035	8.4	84411.0 -6307.0
766	9.1	73710.0	-6308.6	856	9.7	75625.0	-6352.4	946	10.0	82020.0	-6326.5	1036	10.0	84424.0 -6344.9
767	9.6	73738.0	-6342.7	857	8.9	75629.0	-6326.6	947	9.8	82024.0	-6346.0	1037	9.8	84452.5 -6305.0
768	8.6	73743.5	-6308.2	858	9.6	75638.5	-6336.6	948	9.4	82029.2	-6344.2	1038	7.6	84459.0 -6321.0
769	9.7	73744.5	-6311.1	859	9.7	75651.0	-6317.9	949	9.2	82039.0	-6356.2	1039	10.0	84511.5 -6329.7
770	9.3	73801.8	-6325.9	860	9.6	75709.5	-6322.1	950	9.1	82039.5	-6338.7	1040	9.2	84544.5 -6328.5
771	9.7	73829.3	-6350.0	861	9.0	75728.0	-6317.5	951	10.0	82041.0	-6337.6	1041	10.0	84557.0 -6301.0
772	9.7	73829.5	-6349.8	862	9.3	75750.0	-6312.4	952	8.9	82114.0	-6320.2	1042	10.0	84600.0 -6341.8
773	9.4	73915.5	-6354.4	863	9.4	75801.5	-6350.3	953	9.6	82121.0	-6306.9	1043	8.6	84624.0 -6324.3
774	8.8	73941.0	-6304.0	864	9.6	75821.0	-6327.3	954	10.0	82127.0	-6301.5	1044	10.0	84643.0 -6315.0
775	9.4	73942.5	-6328.3	865	9.0	75830.0	-6308.5	955	10.0	82132.5	-6351.8	1045	9.7	84656.5 -6307.8
776	9.4	73951.2	-6350.9	866	5.5	75844.5	-6313.3	956	10.0	82138.0	-6342.1	1046	9.8	84702.0 -6307.9
777	9.6	73954.0	-6319.4	867	9.4	75853.0	-6338.1	957	9.1	82149.0	-6319.6	1047	9.6	84709.0 -6341.0
778	8.8	74005.0	-6356.6	868	9.4	75920.5	-6344.3	958	9.6	82200.0	-6358.9	1048	9.6	84713.5 -6311.5
779	9.7	74029.0	-6314.0	869	9.7	75929.0	-6319.5	959	9.7	82201.5	-6355.0	1049	10.0	84823.0 -6302.0
780	9.4	74036.2	-6343.2	870	9.7	75929.0	-6309.1	960	9.2	82212.0	-6309.7	1050	9.2	84830.0 -6331.8
781	9.1	74042.2	-6353.9	871	9.7	75932.0	-6328.2	961	9.8	82222.5	-6352.5	1051	9.9	84918.0 -6349.4
782	9.1	74103.0	-6311.1	872	9.7	75935.0	-6310.5	962	9.8	82230.0	-6328.5	1052	9.3	84924.0 -6305.0
783	9.2	74116.8	-6318.1	873	8.9	80023.0	-6309.5	963	9.8	82247.0	-6306.2	1053	9.2	84925.0 -6352.0
784	8.9	74136.8	-6324.0	874	9.0	80038.0	-6318.3	964	10.0	82308.2	-6358.3	1054	8.8	84936.0 -6312.5
785	9.7	74141.5	-6303.1	875	9.4	80045.5	-6316.6	965	9.3	82313.0	-6340.6	1055	8.8	85004.0 -6305.2
786	9.1	74148.7	-6327.1	876	9.3	80055.0	-6318.1	966	9.8	82338.0	-6335.5	1056	8.6	85015.0 -6308.0
787	9.4	74155.0	-6338.1	877	9.3	80142.5	-6330.2	967	9.2	82341.5	-6342.8	1057	10.0	85031.2 -6300.1
788	8.1	74211.0	-6305.8	878	9.2	80155.5	-6341.4	968	10.0	82350.0	-6345.2	1058	10.0	85053.0 -6359.2
789	9.7	74216.8	-6308.5	879	9.6	80204.0	-6334.5	969	8.8	82350.5	-6318.6	1059	9.9	85105.5 -6324.6
790	9.3	74224.0	-6310.4	880	9.1	80218.0	-6320.5	970	9.1	82430.0	-6343.8	1060	8.7	85215.0 -6315.7
791	9.7	74240.0	-6355.4	881	9.3	80220.5	-6326.0	971	10.0	82456.5	-6321.9	1061	10.0	85221.0 -6309.8
792	9.7	74324.0	-6347.3	882	9.4	80240.5	-6309.4	972	9.6	82512.5	-6304.0	1062	9.2	85232.0 -6313.2
793	9.5	74325.0	-6349.4	883	9.5	80255.0	-6328.9	973	9.4	82600.0	-6300.5	1063	10.0	85249.0 -6311.2
794	9.5	74401.5	-6310.1	884	9.2	80255.5	-6325.9	974	10.0	82605.0	-6323.2	1064	10.0	85318.5 -6340.0
795	9.1	74404.0	-6303.1	885	9.0	80313.5	-6325.8	975	9.2	82605.5	-6333.0	1065	9.2	85327.5 -6342.9
796	9.4	74408.5	-6304.9	886	9.0	80344.5	-6359.1	976	9.6	82607.5	-6325.4	1066	10.0	85334.0 -6323.0
797	8.0	74411.5	-6353.3	887	9.4	80345.5	-6326.9	977	9.1	82619.0	-6312.8	1067	8.4	85338.0 -6317.4
798	9.7	74422.5	-6306.9	888	9.3	80420.0	-6332.4	978	9.8	82625.0	-6346.7	1068	9.8	85345.5 -6351.0
799	9.3	74436.0	-6351.0	889	9.7	80421.5	-6349.2	979	9.3	82639.0	-6308.0	1069	7.6	85416.5 -6304.0
800	9.3	74506.5	-6355.0	890	9.1	80445.5	-6325.4	980	10.0	82642.0	-6359.7	1070	10.0	85431.0 -6321.1
801	9.1	74508.0	-6345.0	891	9.1	80449.0	-6332.6	981	9.8	82701.0	-6319.8	1071	9.9	85446.5 -6324.8
802	9.7	74532.0	-6337.9	892	7.9	80457.0	-6309.4	982	10.0	82752.0	-6314.0	1072	8.1	85457.5 -6300.9
803	9.7	74534.0	-6329.0	893	9.7	80515.0	-6334.9	983	10.0	82759.0	-6310.0	1073	9.5	85511.5 -6352.2
804	9.6	74552.8	-6321.2	894	9.4	80541.0	-6350.3	984	8.8	82803.5	-6320.4	1074	8.4	85513.5 -6326.5
805	9.5	74553.5	-6330.0	895	9.7	80549.0	-6306.7	985	9.9	82810.0	-6344.1	1075	8.4	85518.0 -6313.2
806	9.6	74601.5	-6327.0	896	6.3	80646.0	-6326.0	986	10.0	82828.0	-6318.1	1076	10.0	85541.0 -6303.0
807	8.7	74607.0	-6311.1	897	9.4	80648.5	-6305.1	987	10.0	82930.2	-6358.9	1077	10.0	85600.0 -6334.0
808	9.7	74614.5	-6313.3	898	9.7	80701.0	-6341.5	988	9.1	83009.0	-6316.4	1078	8.9	85642.0 -6327.7
809	8.8	74620.0	-6324.3	899	9.4	80715.5	-6334.1	989	10.0	83044.5	-6308.5	1079	9.4	85748.5 -6334.2
810	9.5	74624.5	-6300.8	900	9.6	80738.0	-6317.0	990	10.0	83051.0	-6355.0	1080	9.4	85803.7 -6319.0
811	9.6	74644.2	-6358.0	901	8.9	80747.8	-6357.3	991	8.5	83120.5	-6324.9	1081	10.0	85843.0 -6321.0
812	9.4	74649.5	-6326.4	902	9.6	80800.3	-6358.2	992	10.0	83121.5	-6337.2	1082	9.8	85932.5 -6302.3
813	9.6	74651.5	-6349.1	903	9.3	80820.5	-6356.1	993	10.0	83136.5	-6318.6	1083	9.8	90019.7 -6322.2
814	9.5	74711.0	-6314.5	904	9.4	80841.0	-6322.2	994	9.7	83141.5	-6329.0	1084	8.2	90025.0 -6313.1
815	7.9	74714.0	-6322.4	905	8.6	80900.0	-6340.4	995	9.6	83144.0	-6309.2	1085	9.2	90028.7 -6312.3
816	9.0	74727.5	-6324.1	906	9.7	80953.5	-6314.2	996	10.0	83226.0	-6327.2	1086	9.2	90054.0 -6301.9
817	9.0	74731.5	-6325.1	907	9.7	81004.5	-6306.2	997	10.0	83247.5	-6303.2	1087	9.4	90056.0 -6341.1
818	9.7	74741.5	-6351.1	908	9.7	81031.0	-6301.8	998	9.6	83302.0	-6340.9	1088	8.8	90237.0 -6347.3
819	9.4	74811.0	-6308.2	909	8.0	81111.0	-6336.0	999	9.8	83305.0	-6344.4	1089	9.5	90246.5 -6351.5
820	9.6	74827.8	-6343.3	910	9.1	81112.0	-6332.6	1000	10.0	83311.0	-6312.3	1090	9.5	90301.0 -6322.6
821	8.4	74855.0	-6349.3	911	9.4	81125.0	-6351.9	1001	9.3	83312.0	-6351.9	1091	9.2	90320.0 -6334.8
822	9.1	74901.0	-6341.0	912	8.9	81158.0	-6342.8	1002	8.8	83312.0	-6300.5	1092	9.5	90332.5 -6333.5
823	9.4	74901.0	-6333.1	913	9.4	81234.5	-6319.2	1003	10.0	83317.0	-6306.8	1093	8.2	90342.5 -6359.9

1094	9.1	90425.0	-6318.0	1184	8.8	94407.8	-6301.4	1274	9.3	95938.5	-6322.1	1364	9.9	101504.0	-6314.9
1095	8.9	90516.5	-6325.6	1185	9.9	94411.3	-6301.9	1275	9.9	95949.5	-6353.9	1365	9.2	101513.0	-6351.5
1096	9.5	90520.0	-6306.0	1186	9.9	94431.5	-6343.7	1276	9.9	95954.5	-6331.0	1366	9.9	101521.5	-6336.4
1097	9.1	90527.0	-6331.7	1187	9.9	94435.0	-6304.9	1277	9.9	100014.5	-6330.9	1367	9.8	101538.5	-6357.9
1098	9.1	90528.5	-6331.7	1188	9.0	94439.5	-6305.6	1278	9.5	100025.5	-6317.0	1368	9.4	101628.0	-6319.8
1099	9.5	90555.0	-6333.1	1189	8.9	94509.5	-6324.0	1279	9.1	100031.0	-6349.6	1369	9.5	101635.0	-6328.2
1100	8.9	90708.5	-6317.7	1190	9.4	94521.5	-6301.4	1280	9.5	100031.5	-6301.0	1370	9.4	101636.0	-6332.0
1101	9.5	90730.5	-6334.6	1191	9.4	94532.0	-6357.2	1281	9.0	100152.0	-6302.2	1371	9.6	101717.5	-6308.4
1102	9.5	90829.5	-6315.9	1192	9.2	94539.5	-6303.1	1282	8.0	100211.0	-6313.6	1372	9.6	101734.0	-6350.5
1103	8.9	90851.5	-6321.0	1193	9.9	94547.0	-6312.9	1283	8.7	100229.0	-6319.0	1373	9.9	101809.0	-6303.1
1104	9.5	90902.8	-6302.8	1194	9.4	94553.5	-6359.5	1284	9.1	100301.0	-6341.4	1374	9.1	101818.5	-6301.6
1105	9.5	90954.0	-6349.4	1195	9.3	94558.5	-6318.2	1285	9.9	100301.5	-6347.8	1375	9.9	101841.0	-6308.5
1106	8.9	91054.5	-6340.8	1196	9.3	94602.5	-6351.1	1286	9.9	100313.5	-6315.4	1376	9.9	101855.0	-6302.6
1107	9.2	91109.5	-6309.9	1197	9.4	94658.0	-6313.6	1287	8.3	100327.5	-6358.6	1377	9.6	101916.3	-6317.3
1108	8.7	91123.5	-6340.7	1198	9.5	94658.0	-6354.3	1288	9.4	100339.5	-6347.6	1378	9.4	101916.5	-6343.9
1109	8.9	91124.5	-6351.4	1199	9.7	94706.0	-6335.9	1289	9.9	100339.5	-6330.8	1379	9.6	101922.5	-6329.0
1110	8.3	91130.5	-6310.6	1200	9.9	94726.7	-6358.8	1290	9.5	100342.0	-6336.8	1380	9.7	101922.5	-6314.2
1111	9.1	91153.5	-6320.5	1201	8.8	94744.5	-6339.9	1291	9.6	100346.5	-6350.8	1381	9.6	101927.5	-6311.4
1112	8.2	91159.5	-6337.9	1202	9.6	94745.0	-6322.8	1292	9.7	100351.5	-6314.5	1382	9.8	101928.5	-6336.1
1113	9.1	91301.0	-6327.0	1203	9.9	94749.0	-6313.4	1293	8.5	100402.5	-6337.1	1383	9.9	101946.0	-6335.4
1114	7.2	91411.5	-6315.1	1204	9.9	94750.5	-6335.4	1294	9.9	100404.0	-6310.9	1384	9.9	101951.7	-6359.9
1115	9.5	91422.5	-6303.8	1205	9.9	94833.5	-6315.9	1295	9.3	100405.5	-6342.9	1385	9.4	101954.5	-6339.8
1116	9.2	91445.0	-6301.9	1206	9.9	94844.5	-6326.1	1296	9.2	100405.7	-6359.1	1386	9.8	102000.5	-6350.5
1117	9.5	91637.5	-6309.2	1207	9.7	94858.5	-6324.8	1297	9.7	100418.5	-6333.9	1387	9.1	102000.7	-6335.8
1118	9.5	91840.5	-6358.6	1208	9.9	94929.5	-6329.3	1298	9.7	100420.0	-6328.9	1388	9.9	102005.0	-6321.3
1119	8.9	91901.5	-6306.3	1209	9.3	94939.0	-6330.4	1299	9.8	100428.0	-6311.7	1389	9.3	102010.2	-6316.8
1120	9.2	92018.0	-6307.8	1210	9.9	94956.5	-6337.4	1300	9.9	100429.5	-6332.8	1390	9.9	102015.5	-6306.4
1121	9.3	92021.5	-6307.5	1211	9.3	94959.5	-6307.7	1301	9.9	100431.5	-6323.9	1391	9.2	102027.5	-6308.9
1122	8.7	92129.5	-6310.6	1212	9.5	95006.0	-6346.8	1302	9.5	100435.5	-6320.9	1392	9.2	102033.5	-6309.0
1123	9.3	92156.5	-6304.8	1213	9.0	95012.5	-6336.0	1303	9.3	100443.5	-6301.9	1393	9.9	102038.0	-6305.3
1124	8.2	92308.5	-6311.7	1214	9.6	95027.5	-6340.0	1304	9.2	100449.0	-6346.1	1394	9.4	102052.7	-6300.2
1125	9.5	92312.0	-6310.8	1215	9.9	95031.5	-6333.1	1305	9.7	100502.0	-6327.1	1395	9.8	102058.0	-6346.4
1126	8.6	92357.0	-6305.1	1216	9.6	95044.0	-6355.8	1306	9.8	100508.5	-6317.1	1396	9.7	102102.5	-6323.1
1127	9.4	92438.0	-6342.5	1217	9.2	95050.0	-6310.9	1307	9.9	100515.8	-6302.3	1397	9.5	102106.0	-6320.1
1128	9.1	92515.5	-6347.6	1218	9.9	95100.0	-6357.8	1308	9.4	100516.0	-6309.8	1398	9.9	102106.5	-6316.9
1129	9.4	92535.5	-6322.5	1219	9.7	95108.5	-6359.9	1309	9.0	100531.5	-6336.9	1399	9.9	102107.5	-6320.1
1130	9.5	92615.0	-6337.5	1220	9.9	95110.5	-6333.0	1310	9.9	100541.5	-6343.9	1400	9.8	102110.5	-6317.1
1131	9.5	92623.5	-6338.8	1221	9.9	95116.0	-6332.6	1311	8.7	100555.5	-6354.2	1401	9.8	102114.5	-6307.5
1132	9.2	92727.0	-6342.4	1222	9.3	95139.5	-6327.9	1312	9.6	100604.0	-6348.7	1402	9.2	102115.2	-6300.8
1133	9.2	92730.0	-6331.9	1223	9.7	95146.0	-6328.8	1313	9.1	100611.0	-6358.4	1403	8.3	102121.7	-6328.8
1134	9.5	92751.5	-6303.7	1224	9.9	95150.0	-6305.2	1314	9.9	100613.5	-6306.9	1404	9.9	102140.0	-6305.1
1135	8.1	92846.5	-6341.1	1225	9.9	95154.5	-6344.8	1315	9.9	100618.0	-6333.1	1405	9.5	102140.5	-6320.3
1136	8.9	92904.0	-6325.8	1226	9.6	95201.5	-6313.0	1316	8.9	100618.5	-6309.4	1406	9.2	102146.5	-6316.2
1137	7.3	93133.0	-6328.3	1227	9.9	95214.0	-6307.1	1317	9.9	100633.0	-6320.4	1407	9.9	102155.0	-6320.1
1138	9.1	93227.5	-6352.8	1228	9.7	95248.0	-6339.3	1318	9.5	100640.0	-6311.9	1408	9.5	102200.5	-6335.2
1139	7.2	93255.2	-6359.7	1229	9.3	95303.0	-6337.5	1319	7.1	100640.0	-6346.1	1409	9.5	102211.5	-6304.9
1140	9.2	93303.5	-6320.3	1230	9.4	95332.0	-6306.1	1320	9.4	100642.0	-6340.2	1410	9.4	102223.5	-6353.1
1141	9.2	93313.5	-6357.9	1231	8.8	95346.5	-6303.9	1321	8.1	100659.5	-6322.4	1411	7.8	102239.0	-6343.0
1142	9.5	93354.5	-6310.9	1232	9.7	95351.0	-6326.1	1322	9.3	100700.5	-6342.1	1412	9.8	102239.5	-6331.2
1143	8.1	93507.0	-6313.5	1233	8.0	95352.0	-6353.8	1323	9.4	100710.5	-6324.5	1413	9.8	102243.5	-6321.0
1144	7.0	93519.0	-6350.4	1234	9.8	95353.5	-6329.7	1324	9.2	100712.0	-6317.5	1414	9.9	102245.5	-6324.3
1145	8.8	93527.0	-6332.7	1235	9.7	95354.5	-6304.9	1325	8.3	100719.0	-6347.2	1415	9.7	102249.5	-6353.5
1146	8.3	93547.0	-6355.6	1236	9.5	95359.5	-6327.1	1326	9.9	100739.0	-6316.7	1416	9.1	102301.0	-6350.5
1147	9.5	93711.0	-6324.9	1237	9.5	95409.5	-6338.8	1327	8.0	100759.5	-6312.3	1417	9.3	102302.5	-6322.0
1148	9.4	93808.0	-6302.5	1238	9.2	95426.0	-6320.9	1328	9.5	100800.0	-6357.6	1418	9.9	102311.5	-6352.1
1149	9.4	93854.5	-6351.8	1239	9.5	95433.5	-6330.2	1329	8.5	100800.5	-6347.6	1419	9.4	102313.4	-6314.7
1150	9.8	93926.5	-6325.4	1240	9.8	95436.5	-6353.3	1330	9.5	100801.0	-6332.0	1420	9.2	102323.0	-6322.1
1151	9.7	93929.5	-6337.6	1241	9.4	95439.0	-6308.9	1331	9.7	100801.0	-6317.9	1421	9.2	102323.5	-6302.2
1152	9.7	93944.0	-6332.9	1242	8.3	95449.5	-6344.1	1332	9.2	100801.5	-6311.0	1422	9.2	102324.5	-6325.2
1153	9.9	93951.0	-6358.4	1243	9.9	95450.5	-6317.9	1333	9.6	100853.0	-6331.6	1423	9.7	102330.0	-6326.4
1154	9.2	93953.0	-6300.4	1244	9.7	95450.5	-6355.9	1334	8.9	100855.0	-6335.9	1424	9.7	102331.5	-6314.8
1155	9.3	94002.0	-6305.8	1245	9.6	95455.0	-6334.9	1335	8.4	100859.5	-6346.7	1425	9.5	102337.5	-6326.8
1156	8.9	94018.2	-6318.7	1246	9.5	95456.5	-6345.9	1336	9.4	100912.0	-6312.5	1426	9.5	102342.5	-6344.0
1157	9.9	94019.0	-6335.9	1247	9.5	95502.5	-6337.6	1337	9.4	100918.5	-6321.9	1427	9.8	102345.5	-6340.0
1158	9.4	94104.5	-6301.7	1248	9.6	95504.5	-6333.0	1338	9.8	100920.5	-6333.9	1428	9.8	102346.5	-6311.1
1159	9.1	94109.5	-6340.9	1249	9.9	95509.5	-6344.0	1339	9.9	100940.0	-6312.2	1429	9.6	102351.5	-6313.1
1160	9.6	94120.0	-6346.1	1250	9.6	95511.5	-6328.4	1340	9.2	100947.0	-6339.8	1430	9.6	102353.0	-6326.4
1161	9.9	94120.5	-6335.6	1251	9.0	95530.5	-6345.9	1341	8.8	100955.5	-6316.8	1431	9.7	102354.0	-6309.2
1162	9.8	94136.5	-6348.1	1252	9.9	95532.0	-6306.5	1342	9.4	101010.0	-6308.5	1432	9.2	102358.5	-6323.1
1163	9.0	94140.0	-6346.1	1253	9.4	95535.5	-6306.5	1343	9.6	101029.0	-6324.5	1433	9.8	102359.5	-6340.2
1164	9.9	94141.0	-6311.6	1254	9.7	95544.5	-6306.0	1344	8.0	101033.0	-6355.2	1434	9.2	102400.5	-6321.1
1165	9.6	94143.5	-6334.9	1255	9.3	95552.5	-6349.7	1345	9.9	101055.0	-6307.7	1435	9.5	102402.0	-6352.1
1166	9.9	94149.5	-6334.9	1256	9.9	95607.0	-6333.7	1346	9.6	101110.0	-6310.5	1436	9.8	102412.5	-6312.9
1167	9.0	94152.5	-6334.9	1257	8.2	95611.0	-6351.2	1347	9.1	101149.0	-6305.5	1437	9.7	102414.0	-6311.1
1168	9.2	94152.5	-6308.4	1258	9.2	95622.0	-6317.7	1348	8.0	101201.0	-6308.6	1438	9.9	102419.0	-6324.0
1169	9.9	94204.0	-6345.5	1259	9.4	95635.5	-6310.1	1349	9.6	101210.5	-6352.0	1439	9.0	102437.0	-6357.4
1170	9.4	94210.5	-6332.8	1260	9.8	95642.0	-6328.9	1350	9.9	101222.0	-6300.3	1440	8.1	102442.5	-6331.9
1171	8.0	94215.5	-6355.4	1261	9.9	95652.0	-6303.9	1351	9.0	101229.0	-6317.5	1441	9.2	102452.0	-6336.2
1172	9.4	94215.5	-6326.2	1262	9.5	95719.5	-6318.9	1352	9.5	101304.5	-6310.0	1442	9.4	102501.0	-6336.8
1173	9.4	94223.5	-6357.7	1263	9.9	95731.5	-6351.5	1353	9.4	101311.5	-6336.5	1443	9.3	102501.5	-6343.1
1174	9.4	94250.5	-6351.2	1264	9.6	95732.5	-6337.9	1354	9.9	101323.5	-6302.5	1444	9.9	102501.5	-6301.3
1175	9.9	94305.0	-6323.7	1265	9.9	95733.5	-6334.5	1355	9.4	101345.0	-6308.8	1445	9.9	102503.5	-6310.8
1176	9.4	94319.5	-6347.9	1266	9.2	95741.5	-6318.4	1356	9.9	101400.5	-6354.1	1446	9.7	102511.5	-6345.5
1177	9.9	94326.5	-6325.4	1267	9.5	95743.0	-6320.2	1357	9.5	101427.0	-6313.9	1447	9.9	102521.0	-6310.9
1178	9.8	94329.5	-6301.5	1268	9.4	95759.0	-6355.9	1358	9.5	101429.5	-6344.9	1448	9.6	102522.5	-6348.1
1179	8.4	94335.5	-6339.7	1269	9.4	95810.0	-6346.8	1359	9.9	101434.5	-6335.0	1449	9.2	102548.0	-6313.6
1180	9.8	94346.5	-6329.2	1270	9.9	95839.5	-6313.0	1360	9.7	101440.0	-6320.8	1450	9.8	102549.5	-6325.8
1181	9.9	94353.0	-6308.6	1271	9.4	95850.5	-6305.5	1361	9.4	101442.5	-6308.9	1451	9.2	102600.5	-6303.2
1182	9.4	94359.5	-6339.5	1272	9.4	95922.0	-6307.3	1362	9.2	101443.0	-6330.3	1452	9.8	102610.0	-6346.1
1183	9.9	94403.0	-6308.8	1273	9.9	95922.0	-6316.9	1363	9.2	101453.7	-6359.8	1453	9.3	102630.0	-6329.7

1454	9.4	102631.5	-6334.5	1544	8.1	103459.5	-6307.6	1634	9.9	104032.0	-6323.4	1724	8.1	104752.5	-6344.9
1455	9.2	102637.0	-6319.4	1545	9.2	103501.5	-6300.0	1635	9.5	104032.5	-6353.6	1725	9.8	104754.5	-6346.7
1456	9.3	102641.0	-6356.2	1546	9.4	103501.5	-6353.3	1636	9.5	104048.5	-6324.2	1726	9.4	104808.5	-6332.2
1457	9.8	102648.5	-6330.2	1547	9.6	103504.5	-6326.3	1637	9.0	104057.0	-6334.3	1727	9.8	104818.0	-6320.6
1458	9.0	102650.5	-6308.9	1548	9.4	103504.5	-6330.6	1638	9.7	104100.5	-6346.0	1728	9.8	104820.0	-6356.0
1459	9.0	102651.0	-6332.3	1549	9.7	103506.5	-6324.0	1639	9.8	104129.5	-6312.2	1729	9.3	104837.0	-6333.4
1460	9.0	102655.5	-6332.3	1550	9.2	103508.5	-6345.4	1640	9.5	104133.0	-6340.9	1730	9.5	104840.0	-6303.9
1461	9.5	102703.5	-6307.9	1551	9.6	103508.5	-6316.6	1641	9.2	104135.5	-6323.0	1731	9.5	104843.5	-6306.8
1462	9.0	102711.5	-6344.6	1552	8.7	103509.0	-6302.5	1642	8.0	104139.5	-6356.3	1732	9.7	104848.5	-6306.7
1463	9.2	102725.0	-6351.5	1553	9.7	103518.5	-6312.2	1643	9.5	104141.0	-6323.4	1733	9.4	104848.5	-6344.3
1464	9.6	102732.5	-6318.5	1554	9.9	103519.5	-6331.9	1644	9.3	104142.0	-6348.3	1734	9.2	104850.5	-6342.3
1465	7.8	102735.5	-6317.8	1555	9.6	103525.0	-6328.3	1645	9.5	104142.5	-6310.6	1735	9.9	104856.5	-6308.5
1466	9.4	102738.5	-6310.2	1556	9.6	103535.5	-6347.8	1646	5.9	104144.5	-6351.4	1736	9.8	104900.0	-6305.8
1467	9.9	102741.5	-6314.1	1557	9.9	103545.5	-6352.1	1647	9.9	104145.5	-6327.8	1737	9.9	104901.5	-6320.9
1468	9.4	102742.0	-6306.9	1558	8.9	103555.5	-6321.2	1648	9.8	104152.0	-6353.0	1738	9.6	104902.0	-6351.6
1469	9.9	102745.0	-6301.7	1559	9.4	103558.5	-6322.1	1649	5.8	104155.5	-6336.2	1739	9.6	104905.5	-6330.8
1470	9.7	102800.5	-6313.5	1560	9.2	103601.0	-6351.8	1650	9.0	104156.0	-6340.4	1740	9.6	104906.5	-6331.7
1471	9.9	102805.5	-6321.5	1561	9.2	103602.5	-6349.0	1651	9.2	104156.0	-6328.4	1741	9.0	104926.0	-6357.4
1472	9.4	102809.5	-6321.0	1562	9.8	103602.5	-6354.3	1652	9.8	104158.5	-6325.9	1742	9.9	104935.0	-6342.7
1473	9.2	102812.0	-6322.1	1563	9.4	103606.0	-6353.3	1653	9.8	104208.5	-6350.0	1743	8.9	104942.5	-6318.3
1474	9.2	102814.5	-6333.6	1564	9.9	103608.0	-6337.2	1654	8.6	104210.5	-6357.5	1744	9.7	104943.5	-6318.1
1475	9.8	102816.5	-6323.1	1565	9.4	103609.3	-6357.0	1655	5.2	104217.5	-6343.5	1745	9.8	104948.0	-6319.8
1476	9.6	102820.0	-6323.8	1566	9.7	103611.0	-6343.2	1656	9.1	104219.5	-6351.4	1746	9.2	105016.5	-6322.5
1477	9.6	102821.5	-6332.1	1567	9.6	103616.0	-6327.0	1657	9.6	104221.5	-6304.2	1747	9.4	105022.5	-6338.9
1478	9.6	102828.5	-6346.1	1568	9.9	103621.5	-6336.9	1658	9.8	104226.0	-6305.2	1748	8.9	105038.0	-6333.8
1479	9.9	102836.5	-6340.0	1569	9.6	103625.0	-6355.2	1659	9.9	104226.5	-6345.0	1749	9.3	105045.0	-6303.1
1480	9.8	102836.5	-6317.0	1570	9.6	103628.5	-6353.5	1660	8.1	104235.5	-6336.3	1750	9.7	105046.0	-6306.1
1481	9.4	102840.0	-6313.9	1571	9.4	103636.5	-6306.8	1661	9.8	104242.5	-6343.3	1751	9.7	105046.5	-6313.0
1482	9.5	102845.5	-6321.9	1572	9.9	103639.0	-6333.3	1662	9.6	104249.5	-6343.4	1752	9.6	105049.5	-6309.8
1483	9.7	102846.5	-6330.5	1573	7.0	103641.5	-6349.4	1663	9.2	104249.5	-6321.0	1753	9.8	105104.0	-6321.7
1484	9.7	102851.0	-6309.1	1574	9.8	103641.5	-6333.3	1664	9.6	104251.0	-6345.5	1754	9.6	105108.0	-6313.1
1485	9.9	102858.5	-6303.7	1575	9.6	103649.0	-6321.8	1665	9.8	104253.0	-6336.1	1755	9.9	105114.0	-6356.3
1486	9.9	102902.5	-6330.1	1576	9.6	103652.5	-6344.1	1666	9.5	104257.0	-6343.3	1756	9.8	105117.5	-6341.8
1487	9.2	102906.0	-6324.2	1577	9.7	103657.5	-6326.1	1667	9.8	104302.0	-6305.2	1757	9.9	105141.5	-6310.1
1488	9.8	102909.5	-6349.0	1578	9.0	103658.5	-6307.5	1668	9.9	104302.5	-6315.8	1758	9.1	105153.5	-6332.8
1489	9.6	102912.5	-6314.3	1579	9.6	103703.0	-6354.1	1669	9.9	104306.0	-6317.9	1759	9.5	105218.0	-6328.2
1490	9.6	102931.5	-6319.3	1580	9.8	103704.5	-6345.9	1670	7.0	104306.5	-6353.5	1760	9.4	105219.5	-6353.7
1491	9.0	102935.0	-6310.1	1581	9.0	103705.0	-6355.6	1671	9.9	104314.0	-6354.6	1761	9.9	105222.5	-6329.3
1492	9.9	102936.5	-6310.3	1582	9.9	103707.0	-6308.1	1672	7.0	104318.5	-6336.3	1762	9.2	105234.5	-6336.3
1493	8.9	102944.5	-6314.7	1583	7.5	103708.5	-6327.1	1673	9.2	104327.0	-6352.3	1763	9.6	105238.5	-6334.9
1494	9.7	102955.5	-6332.0	1584	9.5	103709.5	-6307.2	1674	9.6	104329.5	-6302.2	1764	9.8	105242.0	-6354.1
1495	9.2	103000.5	-6345.8	1585	9.2	103725.0	-6314.6	1675	9.0	104330.5	-6313.2	1765	9.8	105251.0	-6320.7
1496	9.2	103003.0	-6342.3	1586	9.5	103728.0	-6347.2	1676	9.3	104336.5	-6311.4	1766	9.6	105302.5	-6343.3
1497	9.6	103004.0	-6347.2	1587	9.2	103739.5	-6318.5	1677	9.8	104342.0	-6306.2	1767	8.9	105316.5	-6343.1
1498	9.9	103007.5	-6346.7	1588	9.5	103743.0	-6309.7	1678	9.3	104342.5	-6330.2	1768	9.2	105319.0	-6319.6
1499	9.0	103009.5	-6303.9	1589	5.0	103746.0	-6348.7	1679	9.6	104347.5	-6350.6	1769	9.9	105325.0	-6311.9
1500	9.8	103022.0	-6307.2	1590	9.8	103749.5	-6327.7	1680	9.7	104349.0	-6332.4	1770	9.2	105326.0	-6332.9
1501	8.1	103039.5	-6329.2	1591	9.5	103750.0	-6320.7	1681	9.8	104351.0	-6359.9	1771	9.1	105329.5	-6348.5
1502	9.1	103040.5	-6333.8	1592	7.4	103758.5	-6344.7	1682	8.3	104403.5	-6310.4	1772	9.7	105332.0	-6340.3
1503	8.4	103040.5	-6328.9	1593	9.5	103758.5	-6320.5	1683	9.5	104405.5	-6350.2	1773	9.9	105335.0	-6326.6
1504	9.5	103041.5	-6338.4	1594	9.4	103809.5	-6331.8	1684	8.9	104410.5	-6323.4	1774	9.6	105345.0	-6331.3
1505	9.6	103042.5	-6335.8	1595	9.4	103814.0	-6341.8	1685	9.9	104416.0	-6304.2	1775	9.9	105350.5	-6305.4
1506	9.7	103048.5	-6336.4	1596	9.6	103815.7	-6302.4	1686	9.1	104416.5	-6320.2	1776	9.7	105407.0	-6315.8
1507	8.4	103056.5	-6334.3	1597	9.7	103824.0	-6326.5	1687	9.9	104419.5	-6304.2	1777	9.2	105421.0	-6310.9
1508	9.8	103059.0	-6354.7	1598	9.8	103824.7	-6303.1	1688	8.7	104427.5	-6335.6	1778	9.6	105427.0	-6311.0
1509	8.8	103059.5	-6320.5	1599	3.8	103829.0	-6344.5	1689	9.5	104436.0	-6358.4	1779	9.9	105454.5	-6327.0
1510	8.5	103116.5	-6338.5	1600	9.6	103829.5	-6350.6	1690	9.9	104442.0	-6323.4	1780	9.6	105511.0	-6359.6
1511	8.8	103119.5	-6304.5	1601	9.9	103832.0	-6312.0	1691	9.9	104442.0	-6343.1	1781	9.7	105515.0	-6348.1
1512	9.2	103122.7	-6359.8	1602	9.6	103832.5	-6332.4	1692	9.7	104446.0	-6335.2	1782	9.7	105522.5	-6312.2
1513	8.2	103140.0	-6335.6	1603	9.9	103835.5	-6305.3	1693	9.8	104453.5	-6302.1	1783	9.9	105556.0	-6344.2
1514	9.8	103152.5	-6339.9	1604	9.9	103838.0	-6318.1	1694	9.7	104455.5	-6306.6	1784	9.5	105614.5	-6315.1
1515	9.5	103157.5	-6343.5	1605	8.8	103845.0	-6337.4	1695	9.9	104511.5	-6317.0	1785	9.6	105624.0	-6328.5
1516	9.8	103206.0	-6302.6	1606	9.9	103846.0	-6311.1	1696	9.1	104515.5	-6317.9	1786	9.4	105625.5	-6350.0
1517	9.9	103207.5	-6302.8	1607	8.6	103847.5	-6331.7	1697	9.2	104516.5	-6300.0	1787	9.9	105631.5	-6301.1
1518	9.2	103235.0	-6328.2	1608	9.8	103848.5	-6323.6	1698	9.8	104520.0	-6357.2	1788	9.8	105638.0	-6315.3
1519	9.6	103245.0	-6317.2	1609	9.3	103848.5	-6344.6	1699	8.0	104522.5	-6352.9	1789	9.6	105639.0	-6330.4
1520	9.0	103258.5	-6300.1	1610	9.6	103849.0	-6349.3	1700	9.6	104527.5	-6322.6	1790	9.3	105645.0	-6332.8
1521	9.9	103322.0	-6359.2	1611	9.6	103852.0	-6359.8	1701	9.9	104530.5	-6323.9	1791	9.6	105646.5	-6347.1
1522	9.6	103327.0	-6342.3	1612	9.6	103857.0	-6333.8	1702	9.1	104544.5	-6319.2	1792	9.6	105650.0	-6347.1
1523	9.4	103336.0	-6344.0	1613	7.7	103900.0	-6324.8	1703	9.7	104545.0	-6348.1	1793	9.9	105654.0	-6356.8
1524	9.6	103346.5	-6317.2	1614	9.2	103902.0	-6347.1	1704	8.8	104550.5	-6300.5	1794	7.8	105654.5	-6337.8
1525	9.3	103350.5	-6307.2	1615	9.8	103908.5	-6301.8	1705	9.9	104551.0	-6347.8	1795	9.8	105701.5	-6303.8
1526	9.4	103355.5	-6329.1	1616	9.4	103908.5	-6348.3	1706	9.1	104605.5	-6300.8	1796	9.8	105705.5	-6311.9
1527	8.8	103400.5	-6310.8	1617	9.8	103909.0	-6326.6	1707	9.6	104607.0	-6303.1	1797	9.9	105706.0	-6316.1
1528	9.2	103403.5	-6307.6	1618	9.8	103922.0	-6321.2	1708	8.1	104608.5	-6349.0	1798	9.2	105721.0	-6335.3
1529	9.6	103410.0	-6320.1	1619	6.9	103922.0	-6335.7	1709	9.8	104609.5	-6300.6	1799	9.3	105730.0	-6307.5
1530	9.6	103410.5	-6321.3	1620	9.5	103923.5	-6328.4	1710	9.9	104620.0	-6335.4	1800	9.6	105746.5	-6302.2
1531	9.8	103417.5	-6328.5	1621	9.9	103932.0	-6308.1	1711	9.8	104647.5	-6353.2	1801	9.6	105745.0	-6317.0
1532	9.9	103422.0	-6321.6	1622	9.7	103935.0	-6327.2	1712	9.8	104647.5	-6306.2	1802	9.8	105750.0	-6356.7
1533	9.8	103429.5	-6344.5	1623	5.6	103935.5	-6318.3	1713	9.6	104651.0	-6304.2	1803	9.6	105751.5	-6314.6
1534	7.3	103430.5	-6350.9	1624	9.5	103936.5	-6320.2	1714	9.6	104659.0	-6300.4	1804	9.6	105756.5	-6328.9
1535	9.6	103432.5	-6338.1	1625	9.0	103938.5	-6322.3	1715	9.6	104700.5	-6300.7	1805	9.8	105758.5	-6328.4
1536	9.9	103438.5	-6340.0	1626	9.5	103953.0	-6336.2	1716	9.6	104707.8	-6358.0	1806	9.8	105759.0	-6335.6
1537	9.4	103439.5	-6316.2	1627	9.2	103955.5	-6308.8	1717	9.6	104708.5	-6319.6	1807	9.7	105800.0	-6303.1
1538	9.8	103439.5	-6346.8	1628	9.8	103959.5	-6302.4	1718	9.8	104715.0	-6326.8	1808	9.6	105802.5	-6301.1
1539	8.7	103442.0	-6300.8	1629	8.8	104008.5	-6309.2	1719	9.5	104718.0	-6325.7	1809	9.9	105811.0	-6329.6
1540	9.9	103443.0	-6315.5	1630	9.6	104012.5	-6332.7	1720	9.6	104723.0	-6347.8	1810	9.5	105815.5	-6350.3
1541	9.4	103446.5	-6301.2	1631	9.6	104014.5	-6353.8	1721	9.9	104727.0	-6347.1	1811	9.9	105829.0	-6331.1
1542	7.0	103459.5	-6327.6	1632	9.9	104018.0	-6309.5	1722	9.8	104728.5	-6303.1	1812	9.6	105834.8	-6314.2
1543	9.2	103459.5	-6314.9	1633	9.7	104022.0	-6312.3	1723	9.4	104743.5	-6312.2	1813	9.6	105843.5	-6353.4

1814	9.8	105912.3	-6348.4	1904	8.0	112448.5	-6307.9	1994	9.5	114431.0	-6335.0
1815	9.4	105917.3	-6350.0	1905	8.9	112450.0	-6329.5	1995	9.9	114436.0	-6302.0
1816	9.2	105941.3	-6310.6	1906	9.5	112459.5	-6320.1	1996	9.9	114441.0	-6313.3
1817	9.9	105943.0	-6346.1	1907	9.5	112528.0	-6321.1	1997	9.9	114443.0	-6303.6
1818	9.9	105943.0	-6332.1	1908	9.2	112531.0	-6335.9	1998	9.8	114454.5	-6351.8
1819	7.3	105952.4	-6356.6	1909	9.6	112606.5	-6332.7	1999	9.9	114521.5	-6310.1
1820	9.8	105955.0	-6341.4	1910	8.8	112610.5	-6312.9	2000	9.9	114526.5	-6330.4
1821	9.4	105956.8	-6353.5	1911	8.3	112626.0	-6313.1	2001	9.9	114531.7	-6311.4
1822	9.2	110018.8	-6353.5	1912	9.3	112630.5	-6318.4	2002	9.8	114535.5	-6310.5
1823	9.8	110021.0	-6324.7	1913	9.5	112631.0	-6315.3	2003	7.3	114542.0	-6354.0
1824	9.2	110021.8	-6305.8	1914	9.4	112631.0	-6315.7	2004	9.8	114544.5	-6326.7
1825	9.3	110022.5	-6356.1	1915	9.7	112725.5	-6317.9	2005	9.4	114549.0	-6330.7
1826	9.9	110029.0	-6334.8	1916	9.2	112734.5	-6303.9	2006	9.8	114552.5	-6335.0
1827	9.8	110030.0	-6338.4	1917	9.4	112740.0	-6305.3	2007	9.9	114600.3	-6327.4
1828	9.9	110030.0	-6304.0	1918	9.5	112752.0	-6312.1	2008	9.9	114601.5	-6357.8
1829	9.2	110033.8	-6305.6	1919	8.8	112752.0	-6312.3	2009	9.6	114607.5	-6302.0
1830	9.4	110104.0	-6306.0	1920	9.7	112806.0	-6321.2	2010	9.9	114609.5	-6350.1
1831	9.4	110110.0	-6306.1	1921	9.4	112840.5	-6324.1	2011	9.9	114611.5	-6354.7
1832	9.6	110112.0	-6317.2	1922	9.6	112842.0	-6330.1	2012	9.9	114618.5	-6354.2
1833	9.4	110128.0	-6316.6	1923	8.4	112849.5	-6315.9	2013	9.7	114619.0	-6311.3
1834	9.4	110128.0	-6354.0	1924	9.4	112850.0	-6328.9	2014	8.8	114619.0	-6353.5
1835	9.6	110133.5	-6333.7	1925	9.4	112919.5	-6327.1	2015	9.4	114621.0	-6313.0
1836	9.7	110148.5	-6331.0	1926	9.3	112942.5	-6321.5	2016	9.7	114629.5	-6316.2
1837	9.7	110226.5	-6325.6	1927	9.5	112959.0	-6301.0	2017	9.7	114630.0	-6306.1
1838	9.6	110236.5	-6354.4	1928	9.7	113048.0	-6334.9	2018	9.9	114637.0	-6354.4
1839	9.4	110238.5	-6346.0	1929	9.7	113100.5	-6342.0	2019	9.5	114639.0	-6321.8
1840	9.2	110239.0	-6350.4	1930	9.7	113102.0	-6344.1	2020	9.9	114646.0	-6342.9
1841	9.4	110252.0	-6346.7	1931	9.4	113104.0	-6339.8	2021	8.8	114650.5	-6343.3
1842	9.6	110304.0	-6309.4	1932	9.3	113105.5	-6306.5	2022	9.8	114651.5	-6320.0
1843	8.8	110308.0	-6348.6	1933	9.7	113202.0	-6352.1	2023	9.4	114717.5	-6300.9
1844	9.2	110313.5	-6342.1	1934	9.3	113204.5	-6351.5	2024	9.4	114722.0	-6355.3
1845	8.6	110317.0	-6355.5	1935	9.5	113236.5	-6345.3	2025	9.5	114727.5	-6351.4
1846	9.0	110320.0	-6317.0	1936	9.4	113252.5	-6349.7	2026	9.9	114731.0	-6348.0
1847	9.0	110346.0	-6330.3	1937	9.3	113420.5	-6302.2	2027	9.9	114736.5	-6339.9
1848	9.4	110352.0	-6308.2	1938	9.2	113421.5	-6304.8	2028	9.2	114740.7	-6341.4
1849	9.4	110402.0	-6312.4	1939	9.4	113421.5	-6310.0	2029	9.6	114746.5	-6333.9
1850	9.4	110419.0	-6326.5	1940	8.6	113437.5	-6346.1	2030	9.2	114801.0	-6336.2
1851	9.4	110430.0	-6336.9	1941	9.4	113534.0	-6322.0	2031	7.7	114821.5	-6300.4
1852	8.9	110440.0	-6307.0	1942	9.7	113542.5	-6337.9	2032	9.8	114824.0	-6306.0
1853	9.7	110440.5	-6302.8	1943	8.2	113544.5	-6308.2	2033	9.5	114832.5	-6310.4
1854	9.6	110449.0	-6343.6	1944	7.8	113601.5	-6306.2	2034	9.9	114844.0	-6302.1
1855	9.7	110507.5	-6323.0	1945	9.6	113640.5	-6320.1	2035	8.6	114908.5	-6320.9
1856	8.9	110522.5	-6311.6	1946	9.2	113641.5	-6333.2	2036	7.7	114909.5	-6300.6
1857	9.4	110532.0	-6319.0	1947	7.8	113656.0	-6323.4	2037	9.4	114920.5	-6322.9
1858	9.6	110636.5	-6332.9	1948	9.7	113701.5	-6359.8	2038	9.8	114931.0	-6349.7
1859	9.0	110638.5	-6312.6	1949	9.7	113756.0	-6305.8	2039	8.8	114946.8	-6356.2
1860	5.7	110733.0	-6329.3	1950	9.9	113828.5	-6353.0	2040	9.4	114948.0	-6350.1
1861	9.3	110801.0	-6324.1	1951	9.4	113830.3	-6309.7	2041	8.8	114953.0	-6300.1
1862	9.7	110834.5	-6311.6	1952	9.9	113937.0	-6345.0	2042	9.9	114953.5	-6321.6
1863	9.2	110840.0	-6323.7	1953	9.9	113945.5	-6304.0	2043	9.7	115000.5	-6312.5
1864	9.4	110842.0	-6345.6	1954	9.7	113952.3	-6335.9	2044	9.1	115010.0	-6351.0
1865	9.0	110918.5	-6304.2	1955	9.9	113953.5	-6327.7	2045	9.9	115013.0	-6348.0
1866	9.7	110947.0	-6347.4	1956	9.9	113956.0	-6339.9	2046	7.9	115016.0	-6305.8
1867	9.5	111027.0	-6312.4	1957	9.7	114005.5	-6359.0	2047	8.9	115021.5	-6305.6
1868	9.6	111030.5	-6315.4	1958	9.9	114005.5	-6302.0	2048	9.4	115027.5	-6311.0
1869	9.5	111030.5	-6353.0	1959	9.9	114008.5	-6328.0	2049	9.0	115034.0	-6322.4
1870	9.6	111055.5	-6313.2	1960	9.4	114013.5	-6310.0	2050	9.2	115052.5	-6335.2
1871	9.7	111128.0	-6328.4	1961	9.4	114017.7	-6323.0	2051	9.5	115056.0	-6346.0
1872	9.6	111159.0	-6321.6	1962	9.9	114020.0	-6306.9	2052	9.7	115057.5	-6328.1
1873	9.6	111210.0	-6306.2	1963	9.2	114029.0	-6322.0	2053	9.7	115107.0	-6310.2
1874	9.0	111212.0	-6321.5	1964	9.1	114039.0	-6328.2	2054	8.8	115109.0	-6354.5
1875	9.6	111220.0	-6347.0	1965	9.7	114058.8	-6322.8	2055	9.7	115114.5	-6334.2
1876	7.9	111240.5	-6321.6	1966	9.9	114101.5	-6331.1	2056	9.9	115114.5	-6333.3
1877	9.5	111302.0	-6303.2	1967	9.5	114101.7	-6338.3	2057	9.9	115115.0	-6300.0
1878	9.4	111302.0	-6306.2	1968	9.6	114115.0	-6350.6	2058	9.9	115116.5	-6332.9
1879	9.7	111302.5	-6333.0	1969	9.2	114135.5	-6333.7	2059	9.2	115121.0	-6344.4
1880	8.6	111333.0	-6334.8	1970	9.9	114137.0	-6351.2	2060	9.9	115123.0	-6300.4
1881	6.8	111402.5	-6354.0	1971	9.2	114140.5	-6336.3	2061	9.9	115147.0	-6340.6
1882	9.6	111418.0	-6331.2	1972	9.9	114141.0	-6306.0	2062	9.0	115147.0	-6359.8
1883	8.8	111432.5	-6304.0	1973	9.9	114142.8	-6321.2	2063	9.9	115150.5	-6324.5
1884	9.2	111439.0	-6313.5	1974	9.7	114154.0	-6331.0	2064	9.2	115157.0	-6343.0
1885	8.8	111530.5	-6327.2	1975	9.5	114154.0	-6317.1	2065	9.9	115201.5	-6340.1
1886	9.5	111803.0	-6300.2	1976	9.9	114202.8	-6303.9	2066	9.4	115201.5	-6341.3
1887	9.7	111809.0	-6346.4	1977	9.9	114219.5	-6303.3	2067	9.0	115203.5	-6350.6
1888	9.7	111851.5	-6342.1	1978	9.9	114227.0	-6322.0	2068	9.2	115207.0	-6355.2
1889	9.0	111918.5	-6354.4	1979	9.7	114231.0	-6355.7	2069	9.2	115218.0	-6354.1
1890	9.6	111920.0	-6344.0	1980	9.9	114235.5	-6311.6	2070	9.0	115219.5	-6356.1
1891	8.8	111920.0	-6324.6	1981	9.9	114235.8	-6321.5	2071	9.6	115226.0	-6318.1
1892	8.3	112015.0	-6307.3	1982	9.8	114241.0	-6339.4	2072	9.4	115227.0	-6351.0
1893	6.0	112019.0	-6317.0	1983	9.9	114258.8	-6307.9	2073	6.4	115229.0	-6338.6
1894	9.7	112037.0	-6323.3	1984	9.4	114301.5	-6305.2	2074	9.8	115229.5	-6339.7
1895	9.4	112157.0	-6327.1	1985	9.5	114304.5	-6343.4	2075	9.8	115231.5	-6310.2
1896	9.0	112230.5	-6330.1	1986	9.2	114326.5	-6355.7	2076	9.6	115234.5	-6334.6
1897	9.7	112243.0	-6325.9	1987	9.9	114333.5	-6329.4	2077	8.8	115234.5	-6354.0
1898	9.6	112258.5	-6307.6	1988	5.1	114335.5	-6305.6	2078	8.6	115237.5	-6348.0
1899	9.2	112334.5	-6320.5	1989	9.3	114338.5	-6322.6	2079	9.3	115241.5	-6343.7
1900	8.8	112337.5	-6310.3	1990	9.9	114350.5	-6319.0	2080	9.5	115248.0	-6349.1
1901	9.7	112339.0	-6320.3	1991	9.2	114355.0	-6315.1	2081	9.9	115252.5	-6318.9
1902	9.0	112359.5	-6321.3	1992	9.9	114402.0	-6339.7	2082	9.9	115257.5	-6319.3
1903	9.4	112422.5	-6329.3	1993	9.8	114402.5	-6343.2	2083	9.5	115259.5	-6324.1
2084	9.4	115302.0	-6313.4								
2085	9.1	115319.0	-6358.3								
2086	9.2	115327.0	-6315.1								
2087	9.5	115328.5	-6306.0								
2088	9.2	115334.0	-6314.1								
2089	9.2	115337.5	-6305.9								
2090	8.5	115348.5	-6307.4								
2091	9.5	115414.0	-6318.6								
2092	9.4	115416.5	-6326.1								
2093	9.4	115417.5	-6325.7								
2094	9.9	115419.5	-6317.1								
2095	9.7	115421.5	-6350.7								
2096	8.2	115427.0	-6309.3								
2097	8.9	115443.8	-6301.1								
2098	8.5	115450.5	-6333.1								
2099	9.9	115452.7	-6359.3								
2100	8.6	115500.0	-6323.1								
2101	9.4	115512.5	-6344.4								
2102	9.9	115515.5	-6315.2								
2103	9.9	115517.0	-6314.3								
2104	9.7	115523.0	-6334.9								
2105	8.8	115547.5	-6303.4								
2106	9.2	115552.5	-6306.3								
2107	9.9	115602.0	-6312.1								
2108	9.4	115602.5	-6333.2								
2109	9.5	115611.0	-6334.2								
2110	9.5	115620.5	-6343.1								
2111	9.9	115621.5	-6314.0								
2112	9.9	115630.5	-6342.2								
2113	9.9	115641.5	-6346.4								
2114	9.8	115647.5	-6343.9								
2115	7.9	115649.5	-6339.3								
2116	8.8	115655.0	-6313.8								
2117	9.6	115703.0	-6311.7								
2118	9.9	115709.5	-6321.0								
2119	9.9	115711.5	-6356.3								
2120	9.9	115730.5	-6306.6								
2121	9.4	115731.5	-6313.3								
2122	8.8	115732.0	-6318.4								
2123	9.9	115739.5	-6324.0								
2124	7.3	115739.5	-6350.5								
2125	9.2	115745.5	-6321.4								
2126	9.4	115749.5	-6337.0								
2127	9.2	115750.0	-6323.3								
2128	9.9	115751.0	-6323.8								
2129	9.9	115755.5	-6339.9								
2130	9.9	115759.5	-6300.6								
2131	9.2	115800.5	-6340.0								
2132	9.3	115806.5	-6341.0								
2133	9.4	115809.5	-6342.4								
2134	9.4	115811.0	-6348.4								
2135	9.2	115823.0	-6328.0								
2136	9.7	115825.5	-6321.0								
2137	9.9	115830.5	-6317.3								
2138	9.7	115857.0	-6309.4								
2139	7.4	115904.0	-6334.6								
2140	9.3	115923.5	-6339.6								
2141	9.9	115937.5	-6352.7								
2142	9.5	120007.5	-6348.0								
2143	8.5	120011.5	-6314.7								
2144	9.2	120016.5	-6358.1								
2145	5.3	120021.0	-6355.0								
2146	8.5	120047.5	-6344.6								
2147	7.5	120049.0	-6359.2								
2148	9.7	120055.5	-6315.3								
2149	9.5	120105.5	-6325.5								
2150	9.7	120106.0	-6323.8								
2151	9.4	120119.5	-6304.3								
2152	9.3	120129.5	-6310.0								
2153	9.7	120159.0	-6354.2								
2154	9.3	120205.5	-6305.1								
2155	9.2	120212.0	-6315.9								
2156	9.2	120215.5	-6315.1								
2157	9.2	120235.5	-6355.9								
2158	8.2	120243.0	-6302.2								
2159	8.7	120249.5	-6310.7								
2160	7.8	120250.5	-6307.5								
2161	9.0	120309.8	-6358.0								
2162	7.8	120317.5	-6313.2								
2163	9.9	120318.5	-6304.0								
2164	9.0	120319.5	-6308.0								
2165	9.8	120327.0	-6321.4								
2166	8.7	120328.0	-6318.1								
2167	9.7	120329.0	-6342.7								
2168	8.4	120338.0	-6344.7								
2169	9.6	120345.0	-6341.7								
2170	9.7	120348.5	-6341.7								
2171	9.9	120349.0	-6332.7								
2172	8.8	120355.5	-6324.1								
2173	9.4	120411.0	-6340.9								

-63 2174 12h04m

-63 2533 12h58m

2174	9.3	120419.0	-6343.4	2264	9.9	121736.5	-6359.5	2354	9.8	122802.5	-6350.1	2444	9.6	124555.0	-6314.1
2175	9.5	120419.5	-6340.0	2265	9.0	121808.5	-6338.8	2355	9.7	122819.0	-6338.1	2445	9.4	124556.0	-6326.4
2176	9.2	120427.5	-6339.0	2266	9.4	121808.5	-6326.3	2356	9.2	122821.5	-6331.9	2446	9.4	124610.0	-6304.3
2177	9.2	120441.5	-6329.5	2267	8.8	121809.5	-6342.2	2357	10.0	122829.0	-6317.9	2447	10.0	124633.0	-6356.5
2178	8.1	120445.5	-6316.2	2268	9.8	121832.5	-6357.6	2358	9.4	122832.0	-6348.8	2448	9.8	124644.5	-6349.1
2179	9.4	120501.0	-6353.4	2269	9.9	121843.5	-6313.1	2359	9.4	122832.5	-6329.0	2449	9.8	124647.0	-6338.8
2180	9.8	120506.5	-6347.2	2270	7.6	121852.5	-6319.7	2360	9.6	122836.0	-6335.8	2450	9.2	124756.5	-6341.4
2181	9.2	120509.5	-6358.5	2271	9.4	121853.0	-6319.0	2361	10.0	122850.7	-6342.4	2451	9.6	124800.0	-6338.0
2182	9.7	120510.5	-6343.0	2272	9.9	121913.5	-6331.0	2362	9.6	122853.5	-6330.7	2452	10.0	124821.5	-6318.3
2183	9.7	120513.0	-6338.0	2273	9.7	121914.8	-6331.2	2363	9.8	122858.5	-6317.8	2453	10.0	124824.0	-6339.6
2184	9.2	120515.5	-6349.9	2274	9.6	121919.5	-6303.9	2364	10.0	122913.5	-6356.0	2454	8.0	124851.5	-6341.0
2185	6.7	120523.5	-6348.9	2275	10.0	121921.5	-6319.4	2365	9.3	122921.5	-6352.0	2455	9.8	124858.0	-6322.3
2186	9.9	120546.5	-6319.2	2276	9.5	121921.5	-6317.4	2366	10.0	122925.7	-6341.8	2456	9.5	124914.5	-6355.8
2187	9.1	120547.0	-6309.4	2277	9.6	121923.5	-6310.1	2367	9.4	122929.0	-6303.4	2457	9.9	124920.0	-6359.6
2188	9.9	120604.5	-6318.9	2278	9.8	121925.0	-6320.7	2368	9.3	122930.0	-6317.3	2458	10.0	124933.5	-6355.9
2189	9.0	120630.5	-6346.8	2279	10.0	121933.5	-6326.0	2369	9.3	122936.0	-6348.5	2459	9.9	124940.2	-6345.0
2190	9.5	120630.5	-6312.0	2280	9.9	122009.5	-6345.0	2370	9.5	122937.0	-6333.2	2460	9.7	125005.5	-6322.5
2191	9.6	120634.5	-6303.7	2281	9.8	122014.5	-6346.0	2371	9.4	122945.0	-6349.5	2461	9.8	125038.0	-6332.0
2192	9.4	120644.5	-6352.5	2282	9.7	122021.0	-6312.7	2372	9.8	123023.0	-6344.4	2462	8.9	125044.5	-6343.8
2193	9.9	120648.5	-6338.0	2283	6.8	122026.3	-6305.9	2373	10.0	123039.0	-6352.2	2463	9.6	125059.5	-6356.1
2194	9.9	120649.5	-6337.5	2284	10.0	122028.2	-6311.9	2374	9.7	123105.5	-6347.9	2464	9.5	125106.5	-6333.3
2195	9.9	120658.5	-6300.1	2285	9.8	122031.0	-6337.8	2375	10.0	123118.0	-6347.2	2465	9.5	125112.0	-6313.5
2196	9.9	120703.0	-6355.5	2286	9.3	122033.8	-6332.7	2376	10.0	123120.0	-6329.1	2466	9.9	125121.5	-6326.0
2197	9.2	120706.5	-6314.4	2287	9.1	122035.3	-6306.3	2377	9.6	123126.0	-6339.7	2467	10.0	125125.2	-6346.0
2198	9.2	120708.0	-6301.8	2288	8.9	122037.3	-6331.8	2378	10.0	123136.0	-6340.0	2468	9.2	125141.0	-6330.4
2199	9.2	120710.5	-6332.5	2289	9.2	122038.0	-6313.7	2379	9.2	123142.0	-6327.0	2469	10.0	125150.2	-6342.2
2200	9.9	120721.5	-6345.0	2290	10.0	122040.0	-6317.7	2380	10.0	123144.5	-6301.0	2470	10.0	125151.5	-6303.2
2201	8.8	120732.2	-6358.0	2291	8.9	122045.3	-6353.1	2381	9.2	123157.0	-6337.1	2471	9.5	125154.0	-6350.7
2202	9.9	120733.0	-6335.7	2292	8.8	122047.0	-6311.6	2382	10.0	123200.0	-6345.9	2472	8.1	125157.5	-6341.6
2203	6.3	120736.0	-6342.8	2293	9.2	122051.2	-6337.6	2383	9.6	123211.0	-6339.9	2473	9.6	125210.0	-6321.0
2204	9.9	120745.0	-6331.0	2294	9.2	122103.5	-6332.2	2384	9.2	123213.0	-6307.2	2474	8.8	125219.5	-6337.2
2205	9.1	120750.5	-6348.8	2295	9.2	122109.5	-6322.0	2385	9.7	123217.5	-6315.7	2475	8.8	125232.0	-6356.6
2206	9.8	120801.0	-6347.0	2296	10.0	122113.0	-6314.2	2386	9.6	123247.5	-6316.9	2476	9.2	125233.0	-6332.8
2207	7.8	120816.5	-6345.9	2297	6.4	122119.0	-6338.8	2387	9.4	123310.5	-6356.9	2477	10.0	125250.5	-6337.0
2208	8.8	120818.5	-6350.9	2298	9.9	122131.5	-6344.9	2388	9.4	123328.5	-6344.4	2478	10.0	125254.0	-6355.1
2209	9.9	120833.0	-6342.5	2299	9.5	122144.0	-6321.0	2389	10.0	123330.7	-6323.2	2479	9.6	125306.0	-6338.4
2210	9.9	120838.5	-6332.0	2300	9.6	122146.5	-6345.9	2390	9.4	123332.0	-6305.1	2480	10.0	125310.5	-6337.6
2211	9.0	120840.5	-6352.9	2301	9.9	122149.5	-6326.1	2391	9.3	123346.0	-6351.1	2481	10.0	125320.5	-6337.3
2212	9.9	120850.5	-6314.4	2302	10.0	122202.0	-6317.7	2392	9.7	123349.5	-6356.3	2482	9.6	125348.5	-6322.7
2213	9.9	120908.5	-6358.4	2303	9.5	122209.0	-6319.2	2393	10.0	123411.0	-6303.4	2483	10.0	125356.0	-6354.7
2214	9.9	120911.5	-6332.0	2304	10.0	122217.0	-6341.8	2394	9.9	123428.5	-6331.5	2484	9.4	125401.0	-6304.9
2215	9.6	120911.5	-6318.1	2305	10.0	122218.0	-6342.1	2395	10.0	123437.7	-6307.0	2485	8.6	125405.0	-6357.2
2216	8.5	120912.5	-6317.0	2306	9.5	122218.5	-6345.0	2396	10.0	123441.5	-6337.1	2486	9.7	125409.5	-6354.9
2217	7.3	120924.0	-6345.5	2307	9.8	122228.0	-6329.4	2397	10.0	123501.0	-6336.1	2487	10.0	125412.5	-6352.9
2218	9.7	120937.0	-6341.3	2308	10.0	122230.0	-6319.1	2398	9.4	123516.5	-6321.0	2488	10.0	125419.0	-6306.0
2219	8.2	120952.0	-6349.2	2309	9.4	122234.0	-6317.1	2399	9.7	123531.5	-6320.0	2489	9.6	125421.5	-6338.9
2220	9.5	120953.5	-6335.5	2310	10.0	122237.5	-6346.0	2400	9.2	123534.5	-6332.7	2490	10.0	125427.5	-6330.5
2221	9.7	120954.0	-6357.9	2311	10.0	122255.5	-6335.0	2401	9.4	123540.0	-6325.8	2491	10.0	125433.0	-6351.4
2222	9.2	120954.0	-6307.9	2312	10.0	122256.0	-6334.4	2402	10.0	123552.0	-6346.0	2492	9.2	125444.5	-6352.1
2223	9.2	121003.0	-6325.9	2313	10.0	122301.2	-6357.7	2403	9.6	123609.0	-6326.9	2493	9.9	125449.5	-6357.2
2224	9.9	121007.5	-6332.8	2314	10.0	122305.0	-6321.0	2404	9.9	123625.0	-6328.0	2494	10.0	125456.0	-6309.3
2225	9.2	121008.5	-6318.8	2315	9.8	122310.0	-6330.9	2405	9.8	123629.5	-6316.0	2495	9.5	125459.5	-6309.8
2226	9.9	121010.5	-6339.0	2316	10.0	122329.5	-6325.2	2406	8.7	123644.5	-6331.4	2496	10.0	125502.5	-6323.4
2227	9.9	121014.5	-6350.5	2317	9.6	122334.0	-6358.1	2407	9.2	123702.0	-6322.0	2497	9.5	125508.0	-6323.8
2228	9.9	121037.5	-6336.9	2318	9.5	122336.5	-6353.0	2408	10.0	123741.0	-6356.0	2498	9.5	125519.0	-6309.0
2229	9.8	121054.5	-6343.0	2319	9.6	122345.5	-6347.3	2409	9.7	123758.5	-6350.4	2499	10.0	125520.5	-6337.5
2230	8.2	121114.5	-6329.3	2320	9.7	122349.2	-6315.0	2410	10.0	123903.7	-6311.5	2500	10.0	125522.5	-6346.9
2231	9.4	121118.5	-6343.1	2321	10.0	122407.5	-6335.8	2411	9.7	123930.5	-6356.2	2501	9.4	125523.0	-6302.7
2232	9.5	121119.0	-6348.1	2322	9.2	122410.5	-6345.3	2412	9.8	123950.0	-6355.6	2502	9.6	125526.0	-6344.7
2233	8.8	121137.0	-6322.2	2323	10.0	122417.5	-6334.0	2413	9.2	124007.0	-6359.1	2503	9.2	125527.0	-6327.0
2234	9.9	121137.0	-6321.0	2324	9.5	122426.0	-6349.4	2414	9.4	124035.0	-6341.6	2504	10.0	125535.5	-6313.0
2235	4.4	121139.5	-6318.4	2325	10.0	122428.5	-6351.6	2415	8.9	124043.0	-6358.1	2505	9.2	125541.0	-6317.7
2236	9.9	121141.5	-6330.6	2326	10.0	122430.5	-6335.2	2416	9.2	124047.5	-6341.1	2506	8.8	125559.5	-6301.1
2237	9.5	121142.5	-6312.5	2327	10.0	122444.5	-6328.0	2417	9.6	124122.0	-6345.8	2507	9.3	125600.0	-6325.6
2238	9.5	121150.5	-6304.6	2328	10.0	122449.0	-6357.3	2418	9.2	124157.0	-6331.1	2508	9.6	125604.0	-6352.6
2239	8.8	121203.5	-6359.5	2329	9.5	122454.5	-6300.2	2419	9.7	124158.0	-6349.1	2509	9.7	125604.5	-6306.9
2240	9.9	121228.0	-6317.0	2330	9.5	122508.5	-6329.1	2420	7.8	124222.0	-6356.0	2510	10.0	125608.2	-6303.3
2241	9.9	121230.5	-6318.7	2331	9.4	122521.5	-6318.5	2421	9.4	124226.0	-6309.5	2511	9.5	125622.0	-6317.2
2242	9.9	121237.0	-6327.1	2332	10.0	122522.5	-6325.6	2422	9.2	124233.0	-6352.3	2512	9.2	125637.5	-6315.7
2243	9.4	121301.5	-6342.7	2333	10.0	122528.2	-6315.8	2423	10.0	124236.2	-6327.0	2513	9.2	125643.5	-6317.3
2244	9.4	121321.5	-6338.9	2334	9.8	122531.5	-6319.9	2424	9.2	124246.5	-6329.7	2514	9.2	125644.0	-6324.4
2245	9.3	121324.5	-6325.0	2335	10.0	122537.5	-6303.8	2425	9.6	124249.5	-6340.0	2515	7.2	125708.5	-6346.3
2246	8.2	121327.0	-6357.2	2336	9.1	122538.0	-6332.2	2426	9.5	124310.5	-6341.8	2516	9.4	125710.0	-6313.9
2247	9.9	121353.5	-6359.0	2337	9.8	122552.0	-6351.0	2427	10.0	124335.2	-6336.3	2517	9.1	125712.0	-6333.6
2248	9.4	121413.5	-6353.4	2338	9.3	122559.0	-6354.4	2428	9.5	124339.5	-6344.0	2518	10.0	125721.0	-6347.2
2249	9.7	121413.5	-6318.8	2339	9.3	122602.2	-6359.0	2429	10.0	124340.2	-6324.0	2519	8.8	125727.5	-6322.7
2250	9.9	121519.5	-6344.0	2340	9.6	122607.5	-6338.0	2430	9.6	124348.0	-6340.6	2520	9.8	125729.0	-6356.0
2251	8.4	121526.0	-6359.3	2341	9.6	122617.5	-6340.4	2431	10.0	124350.5	-6323.8	2521	10.0	125738.0	-6304.5
2252	9.9	121539.5	-6353.8	2342	9.6	122631.5	-6333.1	2432	10.0	124414.0	-6319.7	2522	10.0	125742.0	-6311.5
2253	9.7	121540.5	-6352.7	2343	9.3	122635.0	-6337.8	2433	8.6	124420.5	-6359.7	2523	10.0	125750.5	-6359.0
2254	9.2	121614.5	-6323.7	2344	9.1	122649.5	-6341.0	2434	10.0	124428.0	-6350.4	2524	10.0	125756.0	-6314.8
2255	9.3	121626.0	-6323.7	2345	9.5	122700.0	-6350.0	2435	9.4	124432.5	-6305.0	2525	9.8	125801.0	-6308.2
2256	9.9	121631.5	-6349.4	2346	9.6	122707.0	-6355.8	2436	9.4	124442.5	-6319.1	2526	9.6	125801.5	-6314.1
2257	9.9	121634.8	-6359.0	2347	9.4	122738.5	-6342.0	2437	9.8	124500.5	-6358.0	2527	8.6	125808.5	-6334.3
2258	9.7	121648.0	-6337.4	2348	9.2	122742.5	-6350.7	2438	10.0	124524.0	-6331.1	2528	9.2	125809.5	-6351.5
2259	7.4	121649.5	-6310.7	2349	10.0	122742.7	-6330.5	2439	9.6	124527.0	-6302.7	2529	10.0	125809.5	-6352.0
2260	9.9	121654.0	-6341.6	2350	10.0	122749.0	-6316.7	2440	10.0	124528.0	-6308.8	2530	9.8	125826.5	-6359.6
2261	7.8	121656.5	-6317.6	2351	9.2	122755.5	-6349.0	2441	9.0	124530.0	-6343.7	2531	9.6	125831.5	-6329.7
2262	9.9	121659.0	-6357.9	2352	9.9	122758.7	-6350.4	2442	9.6	124531.5	-6346.2	2532	9.8	125834.0	-6349.1
2263	9.2	121730.0	-6328.9	2353	10.0	122758.7	-6328.3	2443	9.3	124546.0	-6305.4	2533	10.0	125834.0	-6321.5

2534	10.0	125837.0	-6320.4	2624	9.3	130503.0	-6352.1	2714	9.5	131326.8	-6300.1
2535	8.8	125841.0	-6353.4	2625	9.5	130509.5	-6304.2	2715	9.5	131329.0	-6337.9
2536	9.8	125901.5	-6356.4	2626	9.5	130509.5	-6307.8	2716	8.6	131340.5	-6358.7
2537	9.5	125902.0	-6326.5	2627	9.5	130509.5	-6353.9	2717	9.8	131341.8	-6326.1
2538	10.0	125912.2	-6345.5	2628	9.4	130510.0	-6320.0	2718	9.8	131343.0	-6358.5
2539	9.2	125921.7	-6323.0	2629	9.9	130512.8	-6357.8	2719	9.6	131351.0	-6310.0
2540	9.2	125923.5	-6305.7	2630	9.4	130524.0	-6326.3	2720	9.5	131353.0	-6333.7
2541	10.0	125937.5	-6346.9	2631	9.6	130527.5	-6331.1	2721	9.9	131422.5	-6328.6
2542	9.9	125941.5	-6316.8	2632	9.2	130533.0	-6329.1	2722	9.2	131428.5	-6347.1
2543	9.0	125948.0	-6320.4	2633	9.0	130535.0	-6301.1	2723	9.8	131442.0	-6307.0
2544	9.2	125948.5	-6332.0	2634	9.9	130537.8	-6323.1	2724	8.9	131447.0	-6356.3
2545	9.9	125950.0	-6332.7	2635	9.9	130539.0	-6341.9	2725	9.8	131453.0	-6353.9
2546	9.8	125953.5	-6338.5	2636	8.0	130540.5	-6338.9	2726	9.8	131459.0	-6336.6
2547	9.8	130000.8	-6356.1	2637	9.9	130605.5	-6316.1	2727	9.9	131500.0	-6335.7
2548	9.9	130005.5	-6327.1	2638	9.8	130606.5	-6325.3	2728	9.5	131503.5	-6345.3
2549	9.8	130009.0	-6331.3	2639	9.9	130611.5	-6344.0	2729	9.9	131503.8	-6320.2
2550	9.3	130012.3	-6351.1	2640	9.2	130616.0	-6340.2	2730	9.5	131533.5	-6339.1
2551	9.9	130013.0	-6329.4	2641	9.6	130621.0	-6354.1	2731	9.9	131533.5	-6310.0
2552	9.8	130018.5	-6357.3	2642	9.8	130622.8	-6326.5	2732	6.2	131538.5	-6352.9
2553	9.8	130018.5	-6359.2	2643	9.8	130626.8	-6351.5	2733	9.7	131541.5	-6325.0
2554	9.3	130020.0	-6353.7	2644	9.9	130632.5	-6348.1	2734	9.2	131542.0	-6332.1
2555	9.2	130021.5	-6357.2	2645	9.6	130635.0	-6318.4	2735	9.7	131544.5	-6306.6
2556	9.2	130022.3	-6324.8	2646	9.8	130639.0	-6310.9	2736	9.6	131551.0	-6301.8
2557	9.8	130027.8	-6354.9	2647	9.9	130642.8	-6303.5	2737	9.8	131613.5	-6352.0
2558	9.7	130030.8	-6350.3	2648	9.5	130647.2	-6357.0	2738	9.5	131621.5	-6314.4
2559	9.6	130031.3	-6323.0	2649	8.7	130649.0	-6350.8	2739	9.8	131638.0	-6332.2
2560	9.5	130032.0	-6358.0	2650	9.7	130649.5	-6320.9	2740	9.3	131642.5	-6320.0
2561	9.8	130033.7	-6325.9	2651	9.2	130701.0	-6336.2	2741	9.1	131644.2	-6259.2
2562	9.5	130037.5	-6307.9	2652	9.5	130701.5	-6355.9	2742	9.3	131645.5	-6328.9
2563	9.3	130038.2	-6325.2	2653	9.7	130703.0	-6300.1	2743	6.1	131653.0	-6349.9
2564	9.6	130048.0	-6354.8	2654	9.4	130703.5	-6332.3	2744	9.8	131701.0	-6328.8
2565	9.3	130058.0	-6352.2	2655	9.4	130715.2	-6357.2	2745	9.7	131722.0	-6352.1
2566	9.6	130100.0	-6354.0	2656	9.3	130717.0	-6317.0	2746	9.5	131723.0	-6321.9
2567	9.5	130103.0	-6353.1	2657	9.5	130718.0	-6326.9	2747	9.8	131739.5	-6345.4
2568	9.4	130111.5	-6313.3	2658	9.9	130719.0	-6345.1	2748	9.3	131807.0	-6305.4
2569	9.9	130112.5	-6322.4	2659	9.5	130722.0	-6338.5	2749	9.9	131807.0	-6335.7
2570	9.4	130114.0	-6350.0	2660	9.8	130723.8	-6319.2	2750	9.2	131818.5	-6313.7
2571	9.6	130123.0	-6349.9	2661	9.9	130738.5	-6344.9	2751	9.2	131826.5	-6349.7
2572	9.4	130123.5	-6345.1	2662	8.7	130744.0	-6313.2	2752	9.9	131841.5	-6353.0
2573	9.9	130145.5	-6323.6	2663	9.6	130747.5	-6344.9	2753	9.7	131842.5	-6349.7
2574	9.9	130150.0	-6311.1	2664	9.2	130753.5	-6316.4	2754	8.8	131848.0	-6326.4
2575	9.3	130157.5	-6328.7	2665	9.8	130759.5	-6357.5	2755	9.0	131853.5	-6307.5
2576	9.9	130158.0	-6323.2	2666	9.7	130801.0	-6351.5	2756	9.6	131856.0	-6306.6
2577	9.0	130159.5	-6353.7	2667	9.6	130803.5	-6307.5	2757	9.5	131900.5	-6306.9
2578	9.7	130214.0	-6346.3	2668	9.5	130808.0	-6308.2	2758	9.5	131903.5	-6329.6
2579	9.1	130217.0	-6347.2	2669	9.8	130816.5	-6334.2	2759	9.9	131908.5	-6338.2
2580	9.5	130228.0	-6322.2	2670	9.2	130818.5	-6318.6	2760	8.0	131909.0	-6309.9
2581	9.9	130231.5	-6347.0	2671	9.6	130831.0	-6341.4	2761	9.8	131915.7	-6337.0
2582	9.7	130233.5	-6320.6	2672	9.6	130831.0	-6301.1	2762	9.5	131924.0	-6322.5
2583	9.6	130234.0	-6337.2	2673	9.2	130852.5	-6322.6	2763	9.7	131930.5	-6322.2
2584	9.9	130240.0	-6344.6	2674	9.6	130902.0	-6310.7	2764	9.5	131948.0	-6337.4
2585	8.3	130241.5	-6351.6	2675	9.6	130903.0	-6319.9	2765	9.9	131949.7	-6343.9
2586	9.9	130244.0	-6354.4	2676	9.9	130907.5	-6331.3	2766	9.5	131953.0	-6301.9
2587	9.5	130247.0	-6342.1	2677	9.2	130922.0	-6328.1	2767	9.9	131956.7	-6326.2
2588	9.9	130249.5	-6355.2	2678	9.7	130922.0	-6338.0	2768	9.5	132000.0	-6303.6
2589	9.2	130251.5	-6352.3	2679	9.7	130923.5	-6331.0	2769	9.6	132002.5	-6333.0
2590	9.9	130254.0	-6344.0	2680	9.7	130935.5	-6338.1	2770	8.2	132010.5	-6335.6
2591	9.2	130258.0	-6308.2	2681	9.9	130940.0	-6321.0	2771	8.5	132015.0	-6336.1
2592	8.8	130303.5	-6340.0	2682	9.1	130947.0	-6354.9	2772	9.0	132016.0	-6323.2
2593	9.2	130304.0	-6340.6	2683	9.5	130950.0	-6350.0	2773	9.2	132018.5	-6318.5
2594	9.9	130304.0	-6306.9	2684	8.3	130957.5	-6301.7	2774	9.6	132018.5	-6337.8
2595	9.2	130304.0	-6309.0	2685	9.9	131001.5	-6359.8	2775	9.9	132024.7	-6307.3
2596	9.9	130305.0	-6320.4	2686	9.5	131003.0	-6304.5	2776	9.7	132026.0	-6335.4
2597	9.7	130311.5	-6324.3	2687	9.8	131013.0	-6308.6	2777	9.2	132034.5	-6315.3
2598	9.2	130311.5	-6314.7	2688	9.5	131016.0	-6351.1	2778	7.5	132040.0	-6313.5
2599	9.9	130318.5	-6353.0	2689	9.8	131028.0	-6351.2	2779	8.3	132101.0	-6348.6
2600	9.7	130320.0	-6355.3	2690	9.2	131037.5	-6354.5	2780	9.8	132125.0	-6301.7
2601	9.4	130322.0	-6326.0	2691	9.9	131039.5	-6330.6	2781	9.2	132131.0	-6335.5
2602	9.8	130322.5	-6342.0	2692	9.5	131049.0	-6341.1	2782	9.9	132131.5	-6332.5
2603	9.3	130326.5	-6357.3	2693	9.6	131101.5	-6353.1	2783	9.6	132140.5	-6346.1
2604	9.2	130339.5	-6354.1	2694	9.6	131103.0	-6317.6	2784	9.7	132147.5	-6336.3
2605	9.8	130344.5	-6342.0	2695	9.6	131107.5	-6305.7	2785	9.9	132206.0	-6319.0
2606	9.3	130347.5	-6352.7	2696	9.2	131110.0	-6338.6	2786	9.7	132212.5	-6341.0
2607	9.9	130355.0	-6317.9	2697	8.1	131121.0	-6305.8	2787	9.0	132218.0	-6309.0
2608	9.3	130408.5	-6317.0	2698	9.7	131123.8	-6317.9	2788	9.5	132241.0	-6328.3
2609	9.7	130414.0	-6358.0	2699	9.7	131150.0	-6352.4	2789	9.0	132243.5	-6349.2
2610	9.7	130418.5	-6351.9	2700	9.9	131153.5	-6300.2	2790	9.5	132255.0	-6316.5
2611	9.4	130420.0	-6338.3	2701	9.7	131201.5	-6343.3	2791	8.7	132259.5	-6302.3
2612	8.7	130420.0	-6308.8	2702	8.7	131211.5	-6307.0	2792	9.5	132315.0	-6310.0
2613	9.8	130423.0	-6328.2	2703	9.5	131213.0	-6356.5	2793	9.2	132318.5	-6302.3
2614	9.7	130424.5	-6320.2	2704	9.9	131215.0	-6332.1	2794	9.8	132322.7	-6319.0
2615	9.8	130426.0	-6319.2	2705	9.7	131233.5	-6321.8	2795	9.7	132323.0	-6343.4
2616	9.9	130427.0	-6351.9	2706	9.2	131243.5	-6355.0	2796	9.2	132326.0	-6327.0
2617	9.6	130429.5	-6306.8	2707	9.8	131259.5	-6301.0	2797	9.9	132326.7	-6331.0
2618	9.2	130435.5	-6350.2	2708	9.5	131301.0	-6336.2	2798	9.9	132331.7	-6329.9
2619	9.7	130437.5	-6327.2	2709	9.5	131306.0	-6317.0	2799	9.9	132332.5	-6308.1
2620	9.5	130450.0	-6336.5	2710	9.7	131306.5	-6331.0	2800	9.5	132337.0	-6351.1
2621	9.5	130453.0	-6316.1	2711	8.2	131312.0	-6323.4	2801	9.3	132342.5	-6311.6
2622	9.8	130456.0	-6338.1	2712	9.8	131323.2	-6301.2	2802	9.6	132343.0	-6355.3
2623	9.9	130501.0	-6315.4	2713	9.6	131324.0	-6303.7	2803	9.2	132344.0	-6354.4
2804	9.7	132349.7	-6306.3								
2805	9.9	132410.0	-6320.4								
2806	9.6	132412.5	-6313.1								
2807	9.9	132414.5	-6340.5								
2808	9.2	132417.5	-6350.6								
2809	9.5	132419.2	-6359.7								
2810	9.7	132428.0	-6312.0								
2811	7.8	132435.5	-6301.4								
2812	9.5	132446.5	-6312.2								
2813	9.9	132449.5	-6335.9								
2814	9.2	132453.0	-6355.7								
2815	9.3	132455.5	-6324.3								
2816	9.3	132503.5	-6336.3								
2817	8.9	132507.5	-6321.4								
2818	9.5	132510.5	-6347.0								
2819	9.7	132511.0	-6308.4								
2820	9.2	132511.0	-6336.3								
2821	9.0	132513.5	-6314.3								
2822	9.9	132516.0	-6336.0								
2823	9.9	132521.0	-6332.5								
2824	9.9	132536.5	-6327.1								
2825	9.9	132538.0	-6330.8								
2826	9.7	132538.0	-6347.2								
2827	9.6	132542.0	-6305.1								
2828	9.3	132552.5	-6315.8								
2829	9.8	132555.0	-6353.5								
2830	9.5	132558.0	-6357.3								
2831	9.1	132559.0	-6354.1								
2832	9.2	132601.5	-6353.1								
2833	9.5	132609.0	-6343.9								
2834	9.9	132609.5	-6308.8								
2835	9.7	132617.0	-6334.6								
2836	9.9	132623.0	-6351.0								
2837	9.8	132625.0	-6342.3								
2838	9.9	132627.0	-6302.1								
2839	9.7	132633.5	-6331.4								
2840	9.3	132636.0	-6314.9								
2841	9.2	132656.0	-6303.0								
2842	9.6	132657.0	-6324.1								
2843	9.9	132658.5	-6305.9								
2844	9.6	132708.5	-6349.1								
2845	9.8	132714.0	-6304.4								
2846	9.5	132730.2	-6358.2								
2847	9.9	132736.0	-6351.8								
2848	9.5	132744.7	-6359.8								
2849	8.9	132756.0	-6309.0								
2850	9.3	132802.0	-6315.9								
2851	9.1	132807.5	-6304.2								
2852	9.5	132815.5	-6324.7								
2853	9.3	132819.5	-6312.7								
2854	9.0	132822.2	-6359.8								
2855	9.9	132824.0	-6318.8								
2856	8.3	132824.0	-6300.4								
2857	9.1	132831.0	-6328.8								
2858	9.6	132835.0	-6353.0								
2859	9.7	132844.5	-6301.7								
2860	9.9	132847.0	-6316.0								
2861	9.6	132852.5	-6305.3								
2862	9.9	132857.5	-6336.6								
2863	9.7	132901.0	-6313.0								
2864	9.6	132902.0	-6348.2								
2865	9.7	132909.0	-6335.2								
2866	9.7	132910.0	-6335.0								
2867	9.5	132923.0	-6334.1								
2868	9.4	132937.5	-6337.7								
2869	7.5	132949.0	-6325.0								
2870	9.7	132951.0	-6349.0								
2871	9.9	133002.0	-6315.3								
2872	9.3	133007.0	-6307.0								
2873	9.2	133007.0	-6333.9								
2874	9.2	133008.5	-6327.2								
2875	9.5	133010.5	-6318.8								
2876	9.9	133013.0	-6300.8								
2877	9.6	133018.5	-6327.4								
2878	9.5	133019.0	-6317.0								
2879	9.5	133024.5	-6325.8								
2880	9.3	133030.5	-6322.7								
2881	9.5	133031.0	-6322.4								
2882	9.5	133035.5	-6342.0								
2883	8.9	133047.5	-6320.8								
2884	9.5	133054.0	-6339.0								
2885	9.3	133054.5	-6349.0								
2886	9.6	133057.0	-6301.5								
2887	9.5	133058.5	-6341.5								
2888	9.8	133109.0	-6334.1								
2889	9.5	133109.0	-6338.0								
2890	9.2	133109.0	-6356.1								
2891	9.2	133112.0	-6344.4								
2892	9.6	133115.8	-6355.1								
2893	9.3	133116.0	-6308.2								

2894	9.9	133122.5	-6354.1	2984	9.6	134026.2	-6335.4	3074	10.0	134851.5	-6346.1
2895	9.9	133124.5	-6335.0	2985	9.6	134028.0	-6342.5	3075	9.8	134856.5	-6344.7
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2899	8.6	133156.0	-6325.9	2989	9.8	134045.5	-6350.0	3079	9.2	134916.0	-6355.1
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2901	9.7	133216.0	-6340.1	2991	9.0	134100.0	-6343.0	3081	9.4	134956.5	-6321.3
2902	9.5	133221.0	-6359.2	2992	10.0	134102.5	-6345.6	3082	9.3	135009.5	-6315.1
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2904	9.7	133222.0	-6336.6	2994	9.4	134129.5	-6356.0	3084	9.6	135030.0	-6319.0
2905	9.6	133228.0	-6323.0	2995	9.5	134130.0	-6309.5	3085	9.8	135039.0	-6327.0
2906	9.8	133230.5	-6339.1	2996	9.4	134132.5	-6323.5	3086	9.9	135052.0	-6302.5
2907	9.8	133230.8	-6317.8	2997	10.0	134134.0	-6354.5	3087	9.5	135103.7	-6357.8
2908	9.6	133231.5	-6326.1	2998	9.8	134139.0	-6332.4	3088	9.0	135122.5	-6330.3
2909	9.9	133257.8	-6315.6	2999	9.8	134202.0	-6324.0	3089	9.9	135129.5	-6320.0
2910	9.9	133300.5	-6349.1	3000	9.9	134206.5	-6316.4	3090	9.8	135131.5	-6314.6
2911	9.5	133305.5	-6306.2	3001	9.4	134209.0	-6302.4	3091	9.7	135223.5	-6312.2
2912	9.6	133314.5	-6332.8	3002	9.8	134211.5	-6335.4	3092	9.9	135233.5	-6314.7
2913	9.2	133317.0	-6312.1	3003	8.6	134219.5	-6354.2	3093	8.8	135242.5	-6337.2
2914	9.5	133322.0	-6300.2	3004	8.8	134220.0	-6316.0	3094	10.0	135316.5	-6315.0
2915	9.0	133330.5	-6304.9	3005	9.9	134221.0	-6335.2	3095	9.5	135327.5	-6332.9
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2917	9.1	133345.0	-6305.7	3007	9.4	134242.5	-6320.0	3097	9.9	135342.0	-6330.8
2918	9.5	133349.5	-6343.2	3008	9.2	134259.5	-6347.0	3098	9.8	135345.5	-6354.0
2919	9.6	133401.0	-6308.1	3009	9.1	134259.5	-6358.6	3099	8.6	135358.5	-6313.8
2920	9.5	133409.0	-6354.5	3010	9.4	134306.0	-6305.4	3100	9.6	135407.5	-6303.9
2921	9.8	133410.0	-6347.3	3011	9.4	134309.0	-6307.0	3101	9.9	135411.0	-6321.1
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2923	9.1	133451.0	-6310.8	3013	9.5	134310.0	-6312.4	3103	10.0	135430.0	-6323.7
2924	9.7	133454.0	-6341.9	3014	9.9	134324.5	-6300.4	3104	9.6	135432.5	-6313.6
2925	9.5	133456.7	-6358.1	3015	9.2	134329.0	-6321.8	3105	9.4	135440.5	-6313.0
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2928	9.9	133533.0	-6335.0	3018	9.6	134332.5	-6316.1	3108	9.5	135528.5	-6305.0
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2930	9.8	133534.5	-6331.1	3020	9.6	134344.5	-6330.8	3110	9.9	135531.0	-6303.5
2931	9.5	133540.0	-6343.7	3021	9.6	134351.0	-6325.1	3111	9.2	135536.5	-6340.8
2932	9.9	133551.0	-6306.3	3022	10.0	134351.0	-6351.3	3112	9.0	135555.0	-6340.8
2933	9.7	133551.5	-6301.7	3023	9.2	134402.5	-6321.4	3113	8.8	135558.5	-6309.8
2934	9.3	133554.0	-6336.9	3024	9.9	134404.5	-6307.3	3114	9.0	135559.5	-6307.2
2935	9.2	133554.0	-6326.5	3025	9.1	134410.0	-6317.7	3115	9.9	135611.0	-6356.4
2936	8.8	133556.0	-6318.7	3026	9.0	134417.5	-6315.1	3116	9.4	135616.5	-6343.8
2937	9.5	133608.0	-6316.2	3027	9.5	134420.0	-6337.2	3117	9.7	135622.5	-6333.0
2938	9.3	133613.5	-6315.4	3028	9.6	134429.5	-6351.1	3118	9.5	135630.5	-6302.8
2939	9.2	133621.0	-6307.3	3029	10.0	134432.0	-6315.9	3119	9.6	135652.0	-6322.0
2940	9.2	133623.0	-6302.2	3030	8.6	134436.5	-6311.8	3120	9.2	135659.0	-6300.4
2941	9.5	133651.5	-6321.2	3031	10.0	134445.0	-6309.1	3121	9.7	135702.0	-6318.1
2942	8.1	133702.0	-6319.7	3032	9.4	134447.5	-6354.1	3122	9.4	135704.5	-6346.4
2943	9.5	133703.5	-6310.2	3033	10.0	134456.5	-6305.7	3123	10.0	135710.0	-6313.7
2944	9.9	133705.5	-6319.0	3034	9.6	134459.5	-6305.3	3124	9.6	135714.5	-6355.4
2945	9.5	133709.5	-6320.8	3035	10.0	134501.5	-6308.3	3125	9.0	135716.0	-6304.4
2946	9.5	133714.5	-6310.8	3036	9.2	134512.5	-6352.7	3126	9.7	135737.0	-6226.0
2947	9.9	133715.0	-6337.1	3037	9.9	134523.0	-6345.9	3127	9.6	135749.0	-6344.7
2948	9.8	133718.0	-6325.0	3038	10.0	134523.0	-6310.6	3128	9.9	135751.5	-6321.0
2949	9.7	133722.5	-6309.0	3039	9.4	134535.0	-6306.0	3129	9.9	135752.0	-6350.0
2950	9.3	133723.0	-6339.1	3040	10.0	134551.5	-6309.3	3130	9.3	135753.5	-6354.6
2951	8.3	133725.2	-6302.2	3041	9.2	134553.5	-6306.3	3131	9.3	135756.5	-6335.6
2952	9.9	133733.5	-6310.4	3042	10.0	134557.0	-6315.1	3132	8.8	135758.5	-6329.8
2953	9.8	133737.0	-6354.1	3043	9.2	134558.0	-6324.3	3133	10.0	135801.5	-6312.1
2954	9.7	133739.0	-6314.4	3044	9.4	134605.0	-6353.1	3134	8.8	135810.5	-6352.2
2955	9.6	133739.5	-6310.6	3045	9.8	134610.0	-6306.1	3135	10.0	135842.0	-6348.1
2956	9.5	133800.0	-6325.1	3046	9.2	134611.0	-6340.8	3136	8.0	135842.5	-6356.5
2957	9.5	133801.0	-6331.1	3047	9.4	134613.0	-6312.1	3137	9.9	135850.0	-6338.6
2958	9.3	133810.0	-6305.2	3048	10.0	134618.2	-6336.4	3138	9.3	135852.5	-6336.5
2959	9.9	133812.0	-6329.8	3049	10.0	134642.5	-6332.1	3139	9.2	135859.0	-6343.0
2960	9.2	133818.0	-6351.2	3050	9.9	134652.0	-6349.8	3140	10.0	135907.0	-6343.9
2961	9.9	133821.0	-6312.6	3051	10.0	134659.0	-6335.8	3141	8.4	135920.5	-6335.5
2962	8.5	133836.0	-6344.2	3052	9.6	134700.0	-6314.9	3142	9.0	135921.5	-6346.6
2963	8.8	133836.0	-6342.7	3053	7.3	134704.5	-6316.6	3143	9.6	135922.5	-6321.8
2964	9.2	133840.0	-6332.0	3054	9.8	134709.2	-6316.2	3144	9.9	135927.0	-6337.4
2965	9.4	133854.5	-6328.1	3055	10.0	134711.2	-6330.4	3145	9.6	135931.5	-6353.0
2966	9.6	133857.0	-6331.7	3056	10.0	134712.2	-6331.4	3146	9.7	140016.0	-6304.8
2967	9.8	133900.0	-6349.2	3057	9.9	134715.5	-6322.0	3147	9.5	140018.0	-6327.0
2968	7.9	133906.5	-6314.1	3058	9.6	134716.0	-6321.3	3148	8.8	140022.8	-6300.0
2969	9.2	133917.0	-6302.0	3059	9.8	134730.5	-6334.3	3149	9.0	140045.0	-6331.3
2970	9.9	133919.2	-6350.0	3060	10.0	134735.5	-6334.1	3150	9.9	140056.3	-6313.1
2971	9.8	133922.0	-6322.6	3061	9.9	134740.5	-6316.1	3151	8.8	140101.3	-6300.5
2972	9.5	133928.0	-6354.9	3062	10.0	134748.5	-6332.1	3152	8.8	140136.0	-6352.0
2973	9.8	133941.2	-6305.0	3063	9.9	134752.5	-6356.3	3153	9.6	140153.5	-6314.6
2974	9.8	133945.0	-6309.4	3064	10.0	134754.5	-6314.1	3154	9.5	140219.5	-6341.9
2975	9.8	133945.5	-6350.9	3065	9.9	134801.0	-6336.3	3155	9.4	140221.0	-6338.0
2976	9.9	133949.0	-6310.6	3066	9.6	134802.5	-6316.1	3156	9.9	140229.5	-6358.2
2977	9.8	133959.0	-6321.6	3067	9.4	134812.5	-6316.3	3157	9.8	140230.0	-6305.0
2978	9.0	134004.3	-6339.3	3068	9.5	134822.5	-6338.0	3158	9.9	140237.0	-6300.6
2979	9.0	134005.7	-6334.4	3069	8.6	134837.0	-6336.3	3159	10.0	140238.5	-6316.9
2980	9.5	134015.5	-6319.4	3070	7.0	134837.5	-6304.5	3160	9.9	140239.5	-6327.0
2981	9.8	134017.0	-6310.0	3071	9.2	134839.2	-6358.9	3161	9.8	140243.3	-6343.8
2982	10.0	134020.5	-6347.2	3072	9.5	134844.5	-6316.1	3162	9.6	140256.5	-6303.5
2983	8.8	134020.7	-6340.6	3073	9.3	134845.0	-6357.4	3163	9.7	140302.3	-6359.2
3164	9.0	140330.5	-6334.2								
3165	10.0	140345.3	-6358.8								
3166	8.1	140347.0	-6323.7								
3167	9.4	140351.0	-6340.0								
3168	9.2	140356.5	-6327.2								
3169	9.2	140358.5	-6334.8								
3170	9.8	140406.5	-6308.0								
3171	10.0	140419.5	-6305.0								
3172	10.0	140423.5	-6325.0								
3173	9.6	140428.5	-6329.7								
3174	10.0	140438.3	-6300.1								
3175	9.9	140438.5	-6349.4								
3176	8.2	140444.5	-6336.8								
3177	10.0	140445.5	-6350.0								
3178	8.9	140452.5	-6337.0								
3179	9.8	140502.5	-6308.9								
3180	9.8	140507.0	-6338.2								
3181	9.9	140510.5	-6337.0								
3182	9.6	140520.0	-6333.9								
3183	8.8	140544.0	-6318.8								
3184	9.9	140544.5	-6310.0								
3185	9.6	140549.0	-6338.8								
3186	9.0	140602.0	-6308.3								
3187	9.2	140628.0	-6341.0								
3188	8.9	140641.0	-6349.1								
3189	10.0	140646.0	-6317.1								
3190	9.6	140653.0	-6334.9								
3191	9.6	140700.5	-6311.3								
3192	9.3	140705.5	-6302.0								
3193	10.0	140715.5	-6300.9								
3194	9.9	140739.8	-6300.2								
3195	9.7	140748.0	-6351.0								
3196	9.8	140810.5	-6312.2								
3197	9.0	140828.5	-6353.0								
3198	9.6	140840.8	-6301.7								
3199	8.7	140841.5	-6313.8								
3200	9.4	140843.5	-6331.6								
3201	10.0	140851.5	-6311.2								
3202	9.1	140912.5	-6316.3								
3203	8.8	140913.5	-6307.4								
3204	8.8	140919.5	-6307.0								
3205	8.8	140921.0	-6346.8								
3206	8.6	140928.5	-6322.0								
3207	9.8	140929.3	-6339.8								
3208	9.7	140931.0	-6304.4								
3209	10.0	140935.0	-6316.3								
3210	9.8	140959.0	-6322.1								
3211	9.3	141022.0	-6313.4								
3212	9.2	141022.0	-6314.6								
3213	9.4	141026.5	-6323.1								
3214	9.8	141038.5	-6321.7								
3215	9.0	141040.0	-6309.9								
3216	9.0	141053.5	-6345.2								
3217	9.4	141100.0	-6332.0								
3218	9.2	141103.5	-6353.0								
3219	9.4	141105.0	-6329.6								
3220	9.7	141108.0	-6330.5								
3221	10.0	141131.5	-6356.0								
3222	8.6	141133.5	-6347.8								
3223	9.9	141138.0	-6302.9								
3224	8.6	141142.0	-6339.9								
3225	10.0	141151.0	-6344.0								
3226	9.9	141152.0	-6306.0								
3227	9.8	141152.5	-6314.0								
3228	8.8	141159.5	-6313.2								
3229	9.3	141210.0	-6304.4								
3230	8.6	141218.5	-6342.4								
3231	8.8	141246.0	-6349.0								
3232	9.9	141251.5	-6318.6								
3233	9.5	141303.0	-6304.9								
3234	9.6	141307.0	-6324.6								
3235	9.0	141318.0	-6323.1								
3236	10.0	141323.5	-6308.9								
3237	9.9	141332.0	-6353.0								
3238	9.3	141337.2	-6356.4								
3239	9.9	141357.0	-6349.4								
3240	8.8	141401.5	-6338.0								
3241	9.6	141416.5	-6324.8								
3242	9.5	141443.0	-6326.2								
3243	9.5	141453.5	-6318.8								
3244	9.4	141457.0	-6320.2								
3245	9.4	141503.5	-6307.9								
3246	8.0	141514.5	-6308.0								
3247	9.5	141538.5	-6309.4								
3248	10.0	141540.0	-6304.1								
3249	9.8	141612.5	-6324.3								
3250	9.9	141624.0	-6321.0								
3251	9.5	141625.5	-6354.8								
3252	7.5	141628.5	-6354.4								
3253	9.8	141636.0	-6302.4								

3254	8.8	141642.5	-6314.3	3344	9.6	142916.5	-6307.1	3434	9.3	144217.5	-6325.9
3255	9.2	141656.0	-6310.9	3345	8.9	142918.5	-6352.1	3435	9.9	144221.5	-6305.9
3256	9.9	141702.0	-6348.9	3346	10.0	142924.0	-6317.2	3436	6.8	144227.0	-6317.4
3257	9.5	141710.0	-6321.9	3347	9.9	142930.0	-6336.1	3437	9.4	144241.0	-6328.4
3258	10.0	141751.0	-6353.9	3348	10.0	142935.5	-6302.3	3438	7.7	144246.5	-6348.4
3259	9.1	141758.0	-6311.6	3349	8.5	142947.5	-6300.1	3439	8.9	144250.5	-6326.4
3260	8.8	141805.8	-6325.8	3350	9.6	142950.5	-6302.1	3440	9.3	144305.5	-6336.8
3261	9.6	141823.2	-6335.0	3351	9.6	143003.5	-6332.1	3441	8.8	144315.5	-6323.4
3262	10.0	141902.5	-6326.1	3352	9.9	143006.5	-6348.1	3442	8.2	144336.5	-6315.3
3263	9.4	141904.0	-6337.1	3353	9.6	143020.5	-6352.7	3443	8.8	144340.0	-6322.8
3264	9.0	141915.7	-6333.2	3354	9.3	143020.5	-6341.7	3444	9.6	144350.5	-6301.5
3265	9.9	141924.5	-6352.5	3355	10.0	143034.5	-6307.5	3445	9.6	144353.0	-6329.7
3266	10.0	141944.5	-6331.2	3356	10.0	143035.0	-6308.2	3446	8.9	144452.5	-6307.0
3267	10.0	141957.0	-6332.7	3357	9.9	143038.2	-6351.8	3447	9.9	144454.0	-6325.0
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3269	10.0	142006.5	-6327.3	3359	8.9	143051.2	-6302.2	3449	8.3	144526.2	-6359.2
3270	9.9	142011.7	-6318.7	3360	9.8	143057.2	-6311.5	3450	10.0	144536.5	-6314.0
3271	8.8	142019.0	-6318.5	3361	9.2	143104.5	-6301.7	3451	9.4	144542.0	-6339.3
3272	8.4	142028.1	-6300.4	3362	9.9	143108.2	-6359.1	3452	9.8	144609.0	-6321.0
3273	10.0	142059.5	-6348.9	3363	8.5	143108.5	-6340.7	3453	8.7	144628.0	-6338.9
3274	9.6	142100.2	-6356.9	3364	8.9	143109.5	-6307.1	3454	9.3	144639.0	-6341.4
3275	9.4	142123.5	-6345.8	3365	9.0	143114.0	-6337.9	3455	9.9	144648.5	-6346.0
3276	10.0	142124.0	-6324.7	3366	9.6	143121.0	-6350.1	3456	9.4	144649.0	-6342.7
3277	10.0	142135.0	-6331.3	3367	9.6	143129.5	-6326.9	3457	9.6	144700.0	-6341.1
3278	9.0	142138.5	-6356.9	3368	9.7	143138.0	-6347.1	3458	9.6	144747.5	-6333.3
3279	9.9	142141.0	-6319.9	3369	9.2	143145.5	-6303.3	3459	8.0	144750.5	-6302.7
3280	8.5	142201.5	-6343.3	3370	9.2	143146.0	-6327.9	3460	8.4	144752.5	-6303.0
3281	10.0	142202.2	-6327.8	3371	8.5	143146.5	-6348.5	3461	9.9	144758.5	-6352.9
3282	9.3	142205.5	-6311.3	3372	9.8	143154.5	-6314.7	3462	10.0	144818.0	-6359.9
3283	9.0	142210.0	-6304.5	3373	9.4	143155.5	-6316.7	3463	9.4	144824.5	-6310.8
3284	10.0	142215.5	-6302.9	3374	9.7	143157.0	-6301.5	3464	10.0	144845.0	-6305.1
3285	9.3	142224.5	-6308.9	3375	8.9	143203.0	-6329.5	3465	9.2	144847.0	-6342.2
3286	9.9	142230.0	-6329.3	3376	9.4	143205.0	-6323.1	3466	9.3	144858.0	-6327.7
3287	9.0	142246.5	-6324.3	3377	9.2	143207.0	-6330.1	3467	9.4	144919.0	-6321.6
3288	8.0	142250.0	-6332.3	3378	10.0	143208.0	-6338.1	3468	10.0	144946.0	-6315.3
3289	8.2	142303.5	-6344.7	3379	9.6	143217.0	-6350.5	3469	8.6	145039.0	-6335.2
3290	8.8	142307.5	-6345.7	3380	9.0	143227.0	-6359.5	3470	10.0	145049.0	-6324.7
3291	9.0	142309.0	-6317.0	3381	8.8	143228.5	-6342.2	3471	10.0	145103.5	-6321.8
3292	9.4	142314.5	-6329.3	3382	9.6	143234.0	-6311.5	3472	8.7	145115.5	-6344.7
3293	9.9	142325.5	-6336.5	3383	9.4	143234.5	-6318.9	3473	7.4	145117.5	-6325.5
3294	9.2	142326.5	-6358.4	3384	10.0	143239.0	-6339.0	3474	9.4	145119.0	-6351.0
3295	9.9	142330.0	-6341.1	3385	9.3	143241.5	-6319.3	3475	9.6	145122.5	-6352.4
3296	9.9	142335.0	-6304.3	3386	10.0	143252.5	-6344.2	3476	9.3	145155.0	-6352.6
3297	9.0	142348.7	-6357.7	3387	9.7	143303.5	-6316.6	3477	9.4	145219.5	-6337.9
3298	9.0	142352.5	-6332.6	3388	9.7	143307.5	-6318.2	3478	8.8	145227.5	-6311.3
3299	9.4	142410.0	-6319.5	3389	9.4	143336.0	-6334.5	3479	9.8	145232.0	-6318.1
3300	9.3	142419.5	-6331.8	3390	9.9	143351.0	-6344.8	3480	9.3	145251.0	-6344.9
3301	10.0	142420.0	-6323.3	3391	9.9	143359.5	-6331.6	3481	9.2	145301.0	-6306.5
3302	9.0	142427.5	-6319.3	3392	10.0	143408.0	-6318.2	3482	9.0	145303.0	-6342.2
3303	8.6	142437.5	-6339.0	3393	9.3	143415.5	-6346.4	3483	8.4	145312.0	-6324.4
3304	9.7	142454.0	-6310.3	3394	9.6	143430.0	-6340.5	3484	9.8	145312.0	-6355.2
3305	8.9	142505.0	-6325.9	3395	10.0	143514.5	-6320.0	3485	9.9	145319.0	-6322.9
3306	9.2	142507.5	-6318.2	3396	9.7	143547.5	-6333.8	3486	10.0	145327.0	-6342.8
3307	10.0	142511.5	-6352.1	3397	9.6	143549.5	-6335.8	3487	10.0	145337.0	-6309.7
3308	8.8	142518.0	-6354.5	3398	9.4	143610.0	-6335.7	3488	10.0	145338.5	-6346.8
3309	10.0	142520.5	-6338.2	3399	9.3	143615.5	-6334.0	3489	10.0	145344.5	-6324.5
3310	8.9	142529.0	-6348.5	3400	8.7	143616.5	-6323.2	3490	9.6	145349.5	-6345.3
3311	10.0	142532.5	-6337.7	3401	9.2	143619.5	-6309.0	3491	9.4	145352.0	-6356.4
3312	9.6	142554.0	-6306.6	3402	8.4	143626.0	-6340.0	3492	9.8	145354.0	-6334.3
3313	7.4	142611.5	-6327.8	3403	8.2	143641.7	-6356.9	3493	6.4	145422.5	-6332.3
3314	8.9	142620.0	-6339.8	3404	9.4	143657.0	-6306.7	3494	8.9	145427.7	-6356.5
3315	8.3	142637.0	-6335.8	3405	9.2	143659.5	-6340.3	3495	9.9	145428.5	-6320.2
3316	9.2	142639.5	-6323.3	3406	8.5	143705.0	-6328.8	3496	9.8	145429.0	-6304.9
3317	9.0	142640.5	-6308.2	3407	9.0	143707.5	-6323.0	3497	8.9	145438.5	-6314.0
3318	8.8	142648.0	-6307.4	3408	9.9	143713.5	-6347.5	3498	9.9	145453.5	-6312.7
3319	9.2	142650.0	-6330.9	3409	9.4	143731.0	-6323.0	3499	9.4	145454.0	-6320.8
3320	10.0	142700.5	-6350.7	3410	9.0	143746.0	-6348.0	3500	9.6	145530.0	-6346.8
3321	9.0	142705.5	-6355.2	3411	9.2	143748.5	-6321.0	3501	8.3	145537.0	-6305.0
3322	9.2	142721.5	-6310.8	3412	9.7	143750.0	-6302.7	3502	8.0	145549.5	-6300.1
3323	9.6	142728.5	-6353.1	3413	8.9	143753.5	-6324.0	3503	9.2	145559.0	-6333.0
3324	10.0	142729.0	-6330.8	3414	9.3	143754.5	-6316.8	3504	9.3	145604.5	-6325.4
3325	9.7	142732.7	-6359.5	3415	9.2	143801.0	-6341.0	3505	9.2	145605.5	-6312.8
3326	9.3	142737.0	-6310.8	3416	9.9	143806.5	-6312.3	3506	9.3	145606.5	-6315.8
3327	10.0	142740.2	-6346.1	3417	9.4	143847.5	-6352.4	3507	9.2	145629.0	-6353.7
3328	9.7	142740.5	-6353.6	3418	9.6	143858.5	-6348.8	3508	9.6	145631.0	-6314.2
3329	9.6	142747.0	-6326.7	3419	10.0	143919.0	-6306.8	3509	8.8	145657.0	-6328.1
3330	10.0	142754.0	-6319.1	3420	8.6	143930.5	-6344.2	3510	9.9	145711.0	-6326.7
3331	9.9	142800.5	-6346.9	3421	9.0	143940.0	-6359.4	3511	10.0	145718.7	-6357.8
3332	9.2	142809.5	-6324.0	3422	10.0	144002.0	-6306.4	3512	8.2	145722.0	-6335.5
3333	9.4	142813.0	-6333.1	3423	8.8	144035.5	-6330.0	3513	10.0	145800.0	-6306.8
3334	10.0	142817.5	-6339.8	3424	9.9	144047.5	-6304.7	3514	9.6	145804.5	-6309.7
3335	9.9	142819.5	-6308.3	3425	9.0	144130.5	-6353.5	3515	10.0	145817.5	-6343.8
3336	9.9	142823.2	-6320.5	3426	10.0	144133.0	-6326.0	3516	8.9	145849.7	-6302.0
3337	9.6	142824.0	-6305.1	3427	9.0	144140.5	-6326.9	3517	10.0	145851.7	-6301.9
3338	9.2	142824.5	-6329.9	3428	9.0	144145.0	-6325.0	3518	6.6	145901.0	-6309.6
3339	9.6	142838.5	-6356.0	3429	9.3	144146.3	-6345.6	3519	9.6	145933.0	-6354.8
3340	9.9	142852.0	-6335.8	3430	9.9	144151.5	-6322.8	3520	9.2	145934.2	-6334.9
3341	10.0	142902.0	-6343.2	3431	9.4	144157.0	-6357.9	3521	9.9	145958.2	-6343.9
3342	9.2	142906.0	-6325.1	3432	10.0	144201.8	-6358.2	3522	8.8	150027.9	-6356.0
3343	8.9	142911.0	-6344.1	3433	8.6	144213.5	-6316.1	3523	9.2	150034.2	-6353.0
3524	9.2	150044.7	-6356.5								
3525	9.9	150049.7	-6312.9								
3526	9.1	150053.5	-6320.6								
3527	9.2	150114.0	-6349.9								
3528	10.0	150244.0	-6349.6								
3529	8.8	150303.5	-6325.0								
3530	9.5	150313.5	-6339.9								
3531	10.0	150316.0	-6329.8								
3532	9.2	150319.0	-6320.2								
3533	9.7	150322.5	-6347.9								
3534	9.2	150334.5	-6354.2								
3535	9.1	150358.5	-6309.6								
3536	8.3	150403.5	-6309.6								
3537	9.7	150431.0	-6313.1								
3538	8.6	150444.0	-6340.2								
3539	10.0	150451.5	-6307.9								
3540	9.4	150504.5	-6322.6								
3541	8.5	150507.5	-6357.0								
3542	9.2	150643.0	-6330.6								
3543	9.2	150657.0	-6309.6								
3544	7.0	150706.0	-6308.8								
3545	9.1	150720.0	-6349.0								
3546	9.2	150720.0	-6336.0								
3547	9.9	150729.0	-6318.2								
3548	9.2	150746.0	-6347.9								
3549	10.0	150752.5	-6345.2								
3550	9.7	150756.0	-6359.9								
3551	10.0	150758.0	-6332.9								
3552	9.4	150828.5	-6302.4								
3553	8.9	150830.5	-6329.8								
3554	9.5	150842.5	-6331.5								
3555	9.2	150928.5	-6333.8								
3556	9.5	150940.0	-6323.8								
3557	9.4	151002.0	-6339.5								
3558	9.7	151011.5	-6329.0								
3559	9.2	151059.7	-6359.0								
3560	9.9	151110.5	-6350.4								
3561	9.2	151113.7	-6356.7								
3562	9.4	151121.0	-6310.4								
3563	8.4	151127.5	-6354.6								
3564	9.5	151130.0	-6319.1								
3565	8.5	151143.0	-6340.3								
3566	9.9	151151.5	-6303.5								
3567	9.2	151159.5	-6325.9								
3568	9.4	151203.0	-6311.3								
3569	9.1	151208.5	-6316.9								
3570	9.5	151220.5	-6334.9								
3571	10.0	151230.5	-6325.6								
3572	8.9	151239.5	-6329.6								
3573	9.5	151251.5	-6335.0								
3574	9.9	151302.5	-6329.3								
3575	9.7	151310.5	-6301.5								
3576	9.7	151316.5	-6302.0								
3577	9.7	151317.5	-6312.9								
3578	9.9	151329.5	-6327.3								
3579	9.9	151358.5	-6300.3								
3580	8.9	151401.0	-6311.0								
3581	8.8	151401.5	-6300.1								
3582	10.0	151412.0	-6311.9								
3583	9.1	151414.0	-6342.4								
3584	9.4	151507.5	-6351.0								
3585	9.2	151517.0	-6342.3								
3586	8.1	151542.0	-6346.0								
3587	9.2	151549.0	-6328.8								
3588	9.4	151550.5	-6300.9								
3589	10.0	151554.5	-6310.9								
3590	10.0	151612.5	-6343.9								
3591	8.4	151617.0	-6353.2								
3592	9.4	151620.5	-6330.6								
3593	9.4	151621.5	-6352.4								
3594	9.4	151641.0	-6351.8								
3595	9.4	151654.0	-6302.3								
3596	9.4	151818.5	-6327.6								
3597	9.2	151847.0	-6329.5								
3598	9.4	151852.5	-6321.6								
3599	10.0	151853.0	-6331.2								
3600	9.2	151906.0	-6328.2								
3601	9.2	151926.0	-6334.9								
3602	9.4	151932.0	-6339.5								
3603	9.2	151947.5	-6303.3								
3604	9.4	151950.5	-6340.9								
3605	10.0	152010.0	-6336.8								
3606	10.0	152019.0	-6322.9								
3607	9.4	152025.5	-6339.5								
3608	9.0	152026.5	-6320.8								
3609	9.5	152029.5	-6323.9								
3610	9.2	152048.0	-6325.0								
3611	9.5	152120.5	-6336.6								
3612	9.2	152124.5	-6313.6								
3613	10.0	152206.5	-6330.9								

3614	9.4	152210.0	-6324.8	3704	9.8	154153.1	-6301.7	3794	9.4	155449.5	-6359.0	3884	8.6	160836.0	-6337.8
3615	9.8	152216.5	-6319.0	3705	9.5	154153.5	-6348.3	3795	9.4	155511.0	-6359.5	3885	9.1	160907.0	-6303.8
3616	9.9	152233.0	-6318.1	3706	9.7	154156.3	-6303.4	3796	9.6	155513.0	-6348.7	3886	8.3	160928.2	-6300.6
3617	8.9	152306.0	-6357.2	3707	9.2	154227.0	-6331.0	3797	9.4	155521.5	-6319.7	3887	9.3	160931.5	-6316.3
3618	9.8	152316.5	-6307.0	3708	8.9	154230.0	-6337.8	3798	9.4	155522.5	-6353.2	3888	8.3	160938.5	-6324.7
3619	9.1	152322.2	-6359.3	3709	9.4	154230.3	-6314.8	3799	9.6	155526.5	-6344.1	3889	9.7	160951.0	-6321.3
3620	9.6	152410.0	-6339.6	3710	9.4	154231.4	-6300.3	3800	9.2	155534.5	-6359.9	3890	9.6	161000.5	-6340.3
3621	9.1	152455.0	-6319.0	3711	9.1	154240.7	-6339.1	3801	9.5	155544.0	-6346.8	3891	9.2	161003.0	-6356.1
3622	9.8	152459.5	-6317.9	3712	9.1	154248.0	-6345.3	3802	9.6	155558.5	-6340.4	3892	9.3	161035.0	-6314.3
3623	9.7	152621.9	-6300.4	3713	8.6	154248.1	-6301.0	3803	9.3	155650.0	-6347.8	3893	8.4	161036.0	-6315.7
3624	10.0	152700.5	-6326.5	3714	9.7	154310.3	-6320.3	3804	9.1	155653.0	-6320.1	3894	8.7	161038.5	-6350.8
3625	9.4	152709.0	-6321.2	3715	9.3	154326.0	-6322.2	3805	9.4	155700.0	-6356.5	3895	9.6	161039.5	-6356.3
3626	9.6	152720.9	-6300.8	3716	9.4	154327.5	-6356.1	3806	9.4	155701.0	-6309.2	3896	9.2	161040.0	-6354.9
3627	9.7	152729.0	-6332.7	3717	9.1	154331.0	-6351.8	3807	9.3	155708.5	-6352.3	3897	9.7	161041.0	-6323.5
3628	8.2	152743.5	-6314.5	3718	9.6	154334.3	-6323.5	3808	9.3	155721.5	-6324.7	3898	9.2	161048.0	-6346.5
3629	9.7	152802.5	-6335.3	3719	9.7	154342.0	-6303.9	3809	9.6	155729.5	-6312.8	3899	9.6	161058.3	-6335.8
3630	9.2	152817.5	-6348.3	3720	9.5	154347.5	-6359.4	3810	8.2	155739.0	-6334.4	3900	9.3	161101.0	-6352.9
3631	8.6	152818.0	-6317.0	3721	9.6	154348.6	-6301.2	3811	9.7	155750.0	-6349.9	3901	9.3	161104.0	-6305.1
3632	9.8	152841.0	-6357.1	3722	9.5	154351.0	-6338.0	3812	9.7	155750.5	-6335.6	3902	9.7	161104.5	-6301.0
3633	9.9	152858.0	-6325.0	3723	4.4	154408.0	-6302.5	3813	9.5	155757.5	-6306.7	3903	8.9	161114.0	-6309.5
3634	10.0	152918.5	-6335.2	3724	9.4	154410.5	-6307.7	3814	9.7	155801.0	-6353.0	3904	9.6	161117.0	-6303.8
3635	9.5	152928.0	-6358.2	3725	9.8	154421.6	-6301.8	3815	9.3	155817.5	-6336.3	3905	9.4	161236.5	-6345.0
3636	7.5	152932.0	-6325.5	3726	9.5	154422.5	-6339.2	3816	9.2	155818.0	-6358.4	3906	9.7	161241.0	-6312.5
3637	10.1	152957.4	-6300.4	3727	9.4	154422.5	-6321.7	3817	9.3	155828.0	-6314.2	3907	9.2	161243.5	-6336.0
3638	9.6	153024.5	-6359.3	3728	8.5	154425.0	-6341.6	3818	9.3	155828.5	-6304.9	3908	8.9	161248.0	-6345.9
3639	9.5	153048.0	-6346.0	3729	9.6	154434.5	-6348.1	3819	9.5	155834.5	-6312.1	3909	9.0	161309.5	-6336.5
3640	8.8	153051.0	-6327.6	3730	9.7	154436.5	-6328.7	3820	8.9	155844.5	-6308.3	3910	9.6	161321.3	-6341.6
3641	9.8	153052.0	-6319.1	3731	9.3	154439.5	-6338.1	3821	9.3	155911.5	-6318.3	3911	9.6	161349.0	-6359.6
3642	7.9	153057.5	-6353.6	3732	9.5	154518.5	-6359.1	3822	8.3	155918.5	-6355.1	3912	9.7	161408.5	-6308.8
3643	8.1	153100.5	-6346.2	3733	9.1	154518.5	-6351.2	3823	9.3	155919.5	-6340.1	3913	9.0	161409.5	-6338.0
3644	9.0	153113.0	-6359.2	3734	9.7	154529.1	-6302.8	3824	9.3	155920.5	-6309.0	3914	9.1	161448.5	-6334.7
3645	10.0	153144.2	-6302.3	3735	9.4	154530.5	-6330.0	3825	9.4	155922.0	-6346.4	3915	9.3	161453.5	-6316.6
3646	10.0	153151.5	-6325.7	3736	9.2	154535.0	-6352.0	3826	9.4	155941.0	-6322.1	3916	9.0	161503.5	-6309.9
3647	8.2	153155.5	-6354.3	3737	9.0	154539.0	-6358.5	3827	8.4	155953.5	-6349.8	3917	8.6	161509.5	-6323.0
3648	10.0	153203.0	-6312.2	3738	9.5	154612.0	-6307.7	3828	9.5	160007.0	-6343.3	3918	8.8	161511.5	-6323.8
3649	8.1	153206.5	-6344.5	3739	9.7	154614.5	-6351.4	3829	9.0	160008.0	-6323.5	3919	9.3	161544.0	-6329.0
3650	9.2	153214.5	-6331.2	3740	9.6	154621.8	-6302.3	3830	9.6	160014.0	-6357.5	3920	9.5	161548.0	-6310.1
3651	9.7	153214.5	-6359.6	3741	10.1	154624.1	-6301.2	3831	9.3	160018.5	-6356.6	3921	9.6	161608.5	-6322.1
3652	9.9	153217.0	-6348.6	3742	8.8	154648.0	-6337.4	3832	9.3	160025.5	-6346.0	3922	9.4	161619.5	-6327.8
3653	9.4	153220.0	-6300.8	3743	9.2	154655.0	-6313.4	3833	8.9	160028.0	-6342.9	3923	6.0	161621.0	-6346.3
3654	9.7	153226.0	-6315.5	3744	9.1	154659.5	-6301.3	3834	9.7	160031.5	-6317.3	3924	9.7	161639.5	-6309.9
3655	9.6	153230.0	-6305.0	3745	9.1	154705.0	-6307.1	3835	9.6	160049.5	-6311.1	3925	8.9	161643.0	-6304.8
3656	9.5	153231.0	-6324.8	3746	9.6	154731.5	-6337.5	3836	9.1	160102.0	-6352.3	3926	9.3	161644.0	-6334.7
3657	9.9	153244.5	-6313.4	3747	9.3	154748.5	-6342.4	3837	9.3	160107.0	-6300.6	3927	9.0	161646.0	-6340.9
3658	9.2	153328.5	-6305.6	3748	9.6	154754.5	-6300.2	3838	9.5	160125.0	-6308.3	3928	9.1	161647.5	-6328.0
3659	10.0	153342.0	-6312.0	3749	9.4	154756.0	-6347.4	3839	9.2	160132.5	-6310.4	3929	9.7	161648.5	-6307.6
3660	10.0	153400.0	-6313.9	3750	9.2	154800.0	-6332.7	3840	9.1	160138.5	-6333.4	3930	9.6	161705.5	-6351.0
3661	8.8	153411.0	-6321.2	3751	9.7	154810.5	-6318.0	3841	9.2	160145.5	-6310.7	3931	9.4	161711.5	-6334.1
3662	9.2	153418.0	-6313.5	3752	9.3	154818.0	-6350.6	3842	9.5	160157.5	-6321.1	3932	9.3	161715.5	-6302.4
3663	8.6	153420.5	-6319.6	3753	9.3	154821.5	-6359.4	3843	8.8	160158.0	-6357.5	3933	9.0	161736.5	-6303.0
3664	9.9	153420.7	-6302.1	3754	9.1	154825.0	-6330.5	3844	9.4	160240.0	-6348.0	3934	8.8	161756.0	-6315.3
3665	9.0	153444.5	-6338.8	3755	9.3	154826.0	-6339.8	3845	9.5	160241.0	-6317.0	3935	9.6	161815.0	-6304.8
3666	9.7	153522.2	-6302.4	3756	9.6	154826.5	-6323.5	3846	8.0	160242.5	-6347.4	3936	9.1	161821.0	-6359.9
3667	9.7	153529.0	-6338.3	3757	9.1	154842.0	-6354.1	3847	9.7	160306.0	-6322.2	3937	9.6	161831.5	-6341.2
3668	9.4	153530.5	-6336.1	3758	9.6	154851.0	-6323.4	3848	9.4	160310.5	-6308.7	3938	9.0	161840.0	-6346.3
3669	9.9	153531.5	-6337.3	3759	9.6	154856.5	-6318.8	3849	9.6	160312.0	-6313.1	3939	9.6	161842.5	-6356.7
3670	9.2	153538.0	-6312.7	3760	9.3	154906.5	-6343.5	3850	9.7	160324.0	-6327.6	3940	9.2	161843.0	-6310.2
3671	9.8	153538.7	-6302.7	3761	9.2	154907.5	-6326.9	3851	9.3	160328.0	-6338.4	3941	9.4	161854.0	-6317.0
3672	9.2	153542.5	-6359.0	3762	9.3	154924.5	-6303.2	3852	9.4	160341.0	-6310.2	3942	9.4	161855.5	-6300.9
3673	10.0	153608.0	-6329.0	3763	9.0	154928.0	-6304.0	3853	9.5	160359.5	-6307.1	3943	9.6	161903.2	-6358.3
3674	9.6	153608.5	-6315.4	3764	9.7	154949.0	-6310.7	3854	5.9	160404.0	-6321.8	3944	9.4	161928.5	-6302.8
3675	8.6	153614.5	-6326.1	3765	7.8	154959.0	-6325.0	3855	9.1	160404.5	-6304.7	3945	9.6	161929.5	-6351.2
3676	10.0	153628.0	-6356.6	3766	9.3	155000.0	-6317.3	3856	9.1	160421.5	-6321.6	3946	9.5	161931.5	-6314.0
3677	8.8	153638.0	-6306.2	3767	9.4	155017.5	-6310.6	3857	9.6	160433.5	-6333.1	3947	8.7	161936.8	-6332.1
3678	9.5	153731.0	-6333.3	3768	9.3	155027.5	-6329.1	3858	8.9	160444.5	-6356.5	3948	9.6	161941.3	-6329.0
3679	8.8	153740.5	-6347.1	3769	9.3	155034.5	-6303.5	3859	9.6	160445.5	-6351.1	3949	9.3	161955.5	-6315.0
3680	9.4	153801.2	-6302.0	3770	9.5	155035.5	-6310.3	3860	9.2	160450.0	-6346.7	3950	9.6	161957.3	-6326.5
3681	9.4	153803.5	-6355.3	3771	9.7	155039.6	-6300.8	3861	9.7	160505.0	-6345.3	3951	9.0	162014.7	-6336.7
3682	8.6	153817.5	-6352.7	3772	8.7	155045.0	-6325.1	3862	8.8	160509.5	-6316.7	3952	9.5	162129.5	-6313.3
3683	9.4	153830.2	-6302.5	3773	9.0	155051.5	-6353.5	3863	8.6	160510.0	-6350.8	3953	9.4	162136.0	-6335.6
3684	9.9	153831.0	-6320.3	3774	9.1	155120.5	-6310.9	3864	9.1	160515.5	-6353.6	3954	9.5	162137.3	-6307.2
3685	8.8	153844.0	-6322.5	3775	9.4	155123.5	-6325.6	3865	9.7	160528.5	-6309.2	3955	8.1	162138.5	-6333.8
3686	9.4	153848.0	-6323.3	3776	8.0	155125.5	-6332.1	3866	8.8	160545.5	-6317.4	3956	9.7	162158.3	-6300.2
3687	9.5	153851.3	-6344.0	3777	9.4	155152.0	-6302.4	3867	8.9	160559.3	-6359.8	3957	9.5	162211.7	-6324.0
3688	9.5	153856.5	-6352.3	3778	8.2	155212.4	-6300.7	3868	9.5	160601.0	-6301.9	3958	9.6	162219.0	-6343.6
3689	9.4	153857.2	-6355.1	3779	9.3	155224.5	-6329.4	3869	9.7	160614.0	-6351.1	3959	9.3	162233.0	-6316.7
3690	9.0	153900.0	-6317.0	3780	8.7	155231.0	-6328.4	3870	9.1	160621.5	-6345.9	3960	9.1	162233.2	-6329.6
3691	9.5	153921.2	-6329.9	3781	9.4	155247.5	-6304.1	3871	9.4	160634.5	-6325.2	3961	9.2	162234.0	-6327.0
3692	9.3	153922.2	-6353.4	3782	9.7	155301.0	-6358.8	3872	9.6	160641.0	-6305.3	3962	9.3	162241.2	-6303.5
3693	9.2	153930.0	-6339.8	3783	9.4	155318.0	-6325.0	3873	9.1	160651.0	-6345.1	3963	9.1	162245.2	-6347.7
3694	9.2	153931.7	-6338.7	3784	9.7	155323.5	-6309.2	3874	8.9	160655.0	-6301.6	3964	9.7	162251.5	-6306.9
3695	9.7	153958.5	-6352.0	3785	9.1	155328.0	-6353.0	3875	9.7	160700.3	-6359.6	3965	9.2	162301.2	-6344.2
3696	9.4	154006.2	-6309.9	3786	9.6	155329.5	-6355.0	3876	9.3	160701.5	-6359.6	3966	9.6	162305.3	-6330.0
3697	8.4	154018.7	-6347.9	3787	8.9	155331.5	-6318.1	3877	9.6	160707.5	-6323.2	3967	9.2	162321.0	-6303.3
3698	9.8	154024.2	-6300.6	3788	9.7	155340.0	-6309.0	3878	9.4	160712.0	-6301.0	3968	9.6	162331.8	-6331.1
3699	9.3	154111.0	-6331.9	3789	9.2	155343.5	-6344.8	3879	9.4	160755.0	-6336.9	3969	9.2	162351.0	-6345.9
3700	9.5	154128.0	-6335.4	3790	9.6	155350.0	-6319.9	3880	9.4	160800.0	-6316.1	3970	9.7	162402.5	-6304.3
3701	9.3	154141.0	-6323.9	3791	8.5	155405.0	-6312.1	3881	8.7	160820.7	-6300.0	3971	9.2	162423.5	-6347.8
3702	9.4	154146.0	-6325.7	3792	9.3	155410.0	-6332.9	3882	8.6	160822.0	-6341.1	3972	9.5	162426.5	-6307.6
3703	9.4	154150.5	-6346.3	3793	9.4	155426.5	-6325.4	3883	9.1	160835.5	-6353.1	3973	9.0	162427.5	-6357.2

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3974	8.3	162449.0	-6358.2
3975	9.7	162452.5	-6347.2
3976	8.3	162508.0	-6321.5
3977	9.2	162524.0	-6308.1
3978	8.1	162602.3	-6359.3
3979	9.5	162613.5	-6323.6
3980	9.6	162626.0	-6342.4
3981	9.0	162719.0	-6335.2
3982	9.7	162738.0	-6336.8
3983	9.7	162801.5	-6348.8
3984	9.7	162819.0	-6305.1
3985	9.0	162823.0	-6334.9
3986	9.5	162827.5	-6359.2
3987	9.5	162828.0	-6312.6
3988	9.7	162908.5	-6353.6
3989	9.2	162922.5	-6353.2
3990	8.2	162931.5	-6348.2
3991	9.7	162943.0	-6302.8
3992	9.7	163012.5	-6300.1
3993	9.0	163020.0	-6309.2
3994	9.3	163059.5	-6343.2
3995	9.7	163102.5	-6359.9
3996	9.3	163106.5	-6336.0
3997	9.6	163131.5	-6322.0
3998	9.3	163131.5	-6323.2
3999	9.7	163134.5	-6350.8
4000	9.3	163152.5	-6301.7
4001	9.7	163203.5	-6331.2
4002	9.2	163226.5	-6314.2
4003	9.5	163228.5	-6302.6
4004	9.5	163246.5	-6324.2
4005	9.2	163315.0	-6311.4
4006	9.7	163319.0	-6333.5
4007	9.5	163415.0	-6310.1
4008	9.6	163517.5	-6307.2
4009	9.0	163600.5	-6317.4
4010	8.2	163652.0	-6337.2
4011	9.5	163701.0	-6302.3
4012	9.6	163725.0	-6306.2
4013	9.6	163745.5	-6321.2
4014	9.5	163750.5	-6327.8
4015	8.9	163808.0	-6335.9
4016	9.5	163832.5	-6315.6
4017	9.3	163854.0	-6318.0
4018	9.7	163911.0	-6315.1
4019	8.6	163917.0	-6305.2
4020	8.8	163919.0	-6316.2
4021	9.7	163943.5	-6328.1
4022	9.0	164005.0	-6355.1
4023	9.7	164029.5	-6310.9
4024	8.8	164053.0	-6359.0
4025	9.7	164114.0	-6325.1
4026	7.8	164152.5	-6301.1
4027	9.6	164153.5	-6303.8
4028	9.7	164221.0	-6320.1
4029	9.3	164232.5	-6314.4
4030	9.7	164243.5	-6356.1
4031	8.4	164252.0	-6314.4
4032	6.2	164345.5	-6303.6
4033	9.7	164438.5	-6350.3
4034	8.9	164445.0	-6340.4
4035	8.2	164513.0	-6359.0
4036	9.2	164601.0	-6349.1
4037	9.7	164602.3	-6300.3
4038	9.6	164616.5	-6317.3
4039	9.6	164644.0	-6332.6
4040	8.8	164731.0	-6325.8
4041	8.7	164732.5	-6311.6
4042	8.8	164734.5	-6325.1
4043	9.0	164750.0	-6326.9
4044	8.7	164800.5	-6325.1
4045	9.0	164822.0	-6303.4
4046	9.2	164935.5	-6312.7
4047	8.9	164937.0	-6322.4
4048	9.2	164951.0	-6304.3
4049	9.7	165054.0	-6352.4
4050	9.6	165104.5	-6324.8
4051	9.7	165108.3	-6300.9
4052	9.0	165151.0	-6308.1
4053	9.7	165301.5	-6339.1
4054	9.2	165306.0	-6352.5
4055	9.6	165355.0	-6343.1
4056	9.2	165425.0	-6314.4
4057	9.0	165502.5	-6348.8
4058	9.6	165527.3	-6304.5
4059	8.4	165546.0	-6332.2
4060	7.8	165555.0	-6339.7
4061	9.7	165656.5	-6355.4
4062	9.8	165710.5	-6302.6
4063	9.5	165718.0	-6321.0
4064	9.5	165730.5	-6325.9
4065	9.6	165747.5	-6305.0
4066	9.5	165806.2	-6309.4
4067	9.8	165825.0	-6352.1
4068	9.9	165950.0	-6312.0
4069	9.3	170036.2	-6308.9
4070	7.2	170043.0	-6331.4
4071	9.4	170056.2	-6336.9
4072	9.4	170057.5	-6343.0
4073	9.6	170138.0	-6309.9
4074	8.4	170226.0	-6323.9
4075	8.6	170243.0	-6342.8
4076	9.8	170436.0	-6313.8
4077	9.8	170446.0	-6321.9
4078	9.8	170448.4	-6302.8
4079	9.9	170451.5	-6324.8
4080	9.2	170536.8	-6301.7
4081	8.8	170621.5	-6332.8
4082	10.0	170624.8	-6300.6
4083	8.9	170651.5	-6340.4
4084	9.5	170718.5	-6304.8
4085	8.5	170727.3	-6358.4
4086	9.2	170737.0	-6337.0
4087	8.9	170851.5	-6348.5
4088	8.0	170920.5	-6326.8
4089	8.5	170931.5	-6324.5
4090	8.0	170956.0	-6317.9
4091	9.5	171009.0	-6321.5
4092	8.2	171015.0	-6356.4
4093	9.6	171054.8	-6300.8
4094	9.6	171124.0	-6303.7
4095	8.5	171206.5	-6302.5
4096	9.8	171208.0	-6328.4
4097	9.3	171237.5	-6358.3
4098	9.6	171322.3	-6300.2
4099	9.4	171348.9	-6301.9
4100	9.9	171415.0	-6343.5
4101	9.2	171421.5	-6311.5
4102	9.2	171427.5	-6331.0
4103	8.6	171440.5	-6341.7
4104	8.8	171553.5	-6308.9
4105	8.1	171620.0	-6342.5
4106	8.8	171623.0	-6327.2
4107	8.4	171632.0	-6340.7
4108	9.2	171646.5	-6358.1
4109	9.3	171650.0	-6324.9
4110	7.5	171707.0	-6318.7
4111	9.5	171730.0	-6346.7
4112	9.0	171820.5	-6344.5
4113	9.2	171832.0	-6300.7
4114	9.8	171847.8	-6301.0
4115	9.8	171908.0	-6346.5
4116	9.8	171932.7	-6358.9
4117	9.9	172034.9	-6302.4
4118	9.0	172052.0	-6302.8
4119	7.7	172100.0	-6314.6
4120	9.6	172106.0	-6330.0
4121	9.6	172106.0	-6310.5
4122	9.2	172123.3	-6358.4
4123	9.2	172141.5	-6335.8
4124	9.3	172321.0	-6335.3
4125	9.9	172339.5	-6308.6
4126	8.6	172424.5	-6306.2
4127	8.7	172452.0	-6326.0
4128	9.0	172521.0	-6341.0
4129	8.8	172545.0	-6316.0
4130	9.0	172732.0	-6320.2
4131	9.0	172838.5	-6341.1
4132	9.2	172925.0	-6313.7
4133	9.2	172950.0	-6341.3
4134	9.6	173104.5	-6319.2
4135	9.5	173330.0	-6306.1
4136	9.8	173342.0	-6306.3
4137	9.8	173355.3	-6301.9
4138	9.8	173526.0	-6332.5
4139	9.8	173543.8	-6302.0
4140	7.6	173548.0	-6330.3
4141	8.6	173704.0	-6345.6
4142	9.5	173750.8	-6351.6
4143	9.0	173909.5	-6310.6
4144	10.3	173913.5	-6353.6
4145	8.7	173914.2	-6308.9
4146	9.5	173915.0	-6357.2
4147	9.5	173922.5	-6318.7
4148	9.0	173954.5	-6314.3
4149	10.0	173957.0	-6341.2
4150	10.2	174023.5	-6339.5
4151	10.3	174026.0	-6345.0
4152	10.0	174050.0	-6340.4
4153	10.0	174112.0	-6347.7

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4154	10.3	174118.0	-6334.5
4155	7.4	174134.0	-6355.3
4156	9.8	174136.5	-6327.3
4157	10.3	174144.7	-6359.5
4158	9.4	174155.5	-6345.7
4159	10.3	174159.0	-6347.4
4160	10.2	174206.0	-6328.3
4161	10.3	174206.5	-6327.3
4162	10.3	174211.5	-6345.9
4163	10.0	174212.0	-6303.8
4164	9.2	174215.5	-6336.8
4165	9.4	174217.0	-6348.8
4166	9.8	174222.0	-6351.8
4167	10.3	174225.8	-6345.8
4168	9.7	174240.0	-6334.8
4169	10.0	174246.0	-6338.7
4170	8.2	174256.3	-6314.4
4171	10.2	174322.5	-6351.9
4172	10.3	174331.0	-6320.1
4173	9.9	174333.0	-6354.4
4174	10.3	174334.0	-6315.5
4175	10.3	174349.5	-6337.3
4176	9.8	174403.5	-6342.8
4177	9.1	174410.2	-6357.9
4178	9.2	174418.5	-6334.1
4179	9.1	174442.5	-6317.1
4180	9.5	174442.6	-6306.9
4181	10.3	174500.7	-6359.8
4182	9.8	174504.1	-6317.2
4183	8.3	174504.1	-6305.2
4184	10.3	174506.1	-6339.5
4185	10.2	174511.1	-6342.9
4186	10.2	174515.3	-6301.3
4187	10.3	174516.1	-6356.3
4188	10.0	174523.6	-6321.7
4189	10.3	174526.6	-6314.0
4190	10.2	174533.1	-6331.7
4191	9.2	174549.6	-6349.5
4192	9.9	174550.1	-6324.3
4193	10.2	174554.4	-6358.0
4194	8.6	174558.6	-6336.5
4195	9.0	174602.6	-6309.9
4196	9.2	174617.1	-6309.7
4197	9.7	174619.6	-6300.7
4198	9.0	174624.1	-6319.8
4199	9.1	174625.1	-6348.9
4200	10.3	174648.1	-6357.7
4201	10.3	174651.1	-6357.5
4202	10.3	174653.1	-6335.8
4203	9.1	174715.1	-6340.6
4204	9.0	174716.6	-6324.5
4205	9.5	174718.6	-6328.2
4206	8.8	174732.1	-6345.2
4207	9.5	174734.1	-6331.9
4208	9.5	174736.6	-6337.6
4209	10.3	174753.6	-6329.1
4210	10.0	174758.6	-6356.6
4211	10.2	174800.1	-6334.2
4212	9.8	174801.6	-6303.7
4213	10.2	174802.6	-6347.9
4214	9.9	174808.6	-6324.8
4215	10.2	174811.1	-6341.1
4216	10.0	174829.3	-6301.8
4217	8.7	174837.1	-6327.9
4218	10.2	174852.1	-6313.4
4219	10.3	174916.1	-6338.7
4220	10.3	174918.1	-6337.8
4221	9.9	174922.6	-6353.7
4222	9.2	174927.1	-6339.0
4223	9.6	174938.6	-6354.1
4224	10.0	174939.6	-6342.0
4225	10.2	174940.6	-6331.1
4226	10.3	174946.6	-6303.0
4227	9.9	175012.1	-6301.0
4228	10.2	175015.6	-6303.9
4229	10.3	175019.1	-6346.0
4230	10.3	175027.6	-6353.9
4231	9.5	175029.1	-6358.3
4232	10.3	175030.1	-6328.4
4233	9.7	175032.1	-6336.7
4234	8.9	175032.9	-6357.5
4235	9.5	175033.1	-6323.2
4236	10.2	175042.1	-6327.3
4237	9.2	175046.1	-6323.1
4238	10.3	175051.1	-6321.1
4239	10.3	175058.1	-6313.7
4240	9.5	175101.6	-6348.2
4241	9.1	175115.1	-6314.1
4242	10.2	175115.1	-6316.9
4243	10.3	175115.6	-6342.3
4244	10.2	175117.1	-6304.1
4245	10.3	175129.2	-6302.1
4246	10.0	175131.3	-6300.4
4247	10.2	175137.1	-6339.8
4248	8.7	175138.6	-6302.1
4249	10.3	175139.6	-6336.9
4250	9.4	175140.1	-6333.3
4251	9.2	175143.1	-6315.2
4252	10.0	175151.6	-6305.6
4253	9.2	175158.6	-6355.2
4254	10.2	175159.1	-6334.8
4255	9.0	175201.1	-6307.2
4256	10.3	175209.1	-6358.3
4257	10.2	175216.6	-6356.7
4258	10.0	175221.1	-6352.3
4259	10.3	175225.6	-6327.2
4260	10.2	175246.6	-6310.3
4261	9.1	175251.6	-6343.5
4262	9.6	175251.6	-6333.1
4263	9.6	175251.6	-6334.5
4264	10.2	175304.2	-6303.1
4265	9.0	175307.2	-6344.3
4266	10.2	175308.5	-6358.4
4267	10.3	175308.7	-6337.6
4268	10.3	175310.2	-6340.5
4269	9.8	175311.6	-6302.1
4270	10.2	175320.2	-6323.6
4271	10.3	175327.7	-6330.9
4272	10.3	175328.2	-6325.3
4273	9.9	175328.7	-6303.9
4274	9.9	175329.7	-6313.7
4275	7.8	175336.2	-6311.4
4276	9.6	175358.7	-6314.1
4277	9.7	175401.7	-6337.5
4278	10.0	175405.2	-6304.7
4279	10.2	175408.7	-6307.8
4280	10.0	175413.2	-6319.2
4281	10.3	175414.2	-6315.7
4282	10.3	175416.2	-6335.6
4283	9.1	175419.7	-6334.6
4284	10.3	175447.2	-6354.5
4285	10.3	175510.2	-6342.2
4286	8.0	175528.7	-6309.5
4287	10.0	175549.2	-6336.6
4288	10.3	175603.2	-6316.5
4289	10.3	175603.7	-6347.3
4290	9.4	175605.2	-6344.5
4291	9.8	175612.2	-6357.6
4292	4.8	175632.2	-6340.1
4293	10.2	175632.7	-6342.0
4294	10.2	175638.7	-6307.9
4295	10.3	175650.7	-6306.7
4296	9.0	175656.2	-6338.0
4297	10.3	175714.2	-6318.3
4298	10.0	175715.2	-6347.0
4299	9.5	175718.7	-6339.9
4300	10.0	175726.2	-6305.9
4301	9.2	175735.2	-6356.0
4302	8.8	175747.2	-6300.1
4303	9.4	175748.7	-6301.2
4304	10.3	175751.2	-6318.5
4305	10.0	175758.3	-6301.9
4306	9.9	175801.7	-6350.9
4307	10.3	175807.2	-6321.7
4308	10.3	175809.2	-6328.2
4309	9.5	175826.7	-6320.8
4310	10.3	175839.2	-6332.0
4311	10.0	175915.2	-6340.4
4312	10.3	175935.2	-6353.3
4313	10.2	175950.7	-6304.1
4314	10.3	175958.4	-6357.1
4315	10.0	180005.4	-6306.8
4316	9.0	180006.4	-6351.8
4317	10.3	180009.4	-6356.1
4318	10.0	180011.4	-6310.8
4319	10.3	180014.9	-6309.9
4320	9.6	180018.4	-6332.2
4321	10.3	180025.9	-6321.1
4322	9.0	180048.9	-6342.3
4323	10.3	180052.4	-6338.1
4324	10.0	180055.9	-6334.1
4325	9.1	180057.4	-6321.8
4326	9.6	180115.9	-6315.6
4327	10.2	180117.9	-6341.8
4328	10.3	180117.9	-6350.3
4329	10.3	180120.9	-6350.2
4330	9.6	180139.6	-6301.4
4331	9.8	180142.4	-6344.5
4332	10.2	180147.4	-6349.4
4333	9.0	180209.4	-6321.2

-63 4334 18h02m

-63 4693 21h28m

4334	8.0	180214.9	-6342.8	4424	9.2	182011.8	-6337.3	4514	8.9	191220.5	-6305.4	4604	8.8	203032.0	-6308.0
4335	10.2	180230.9	-6304.7	4425	10.2	182030.5	-6301.7	4515	8.7	191221.5	-6311.9	4605	9.3	203131.0	-6352.5
4336	9.4	180236.9	-6343.1	4426	10.3	182103.5	-6347.1	4516	7.2	191240.0	-6313.9	4606	8.9	203228.0	-6325.1
4337	9.7	180256.3	-6300.5	4427	9.9	182112.5	-6357.0	4517	9.5	191243.0	-6340.9	4607	9.3	203338.0	-6335.4
4338	9.2	180312.9	-6329.0	4428	9.6	182338.0	-6324.3	4518	8.7	191246.0	-6335.7	4608	8.8	203356.0	-6334.6
4339	10.0	180323.9	-6338.8	4429	9.0	182356.0	-6312.3	4519	9.5	191410.0	-6333.5	4609	8.9	203417.0	-6341.7
4340	10.3	180329.2	-6327.3	4430	9.6	182431.0	-6338.5	4520	7.8	191444.0	-6328.0	4610	8.2	203503.0	-6307.3
4341	9.9	180340.4	-6318.6	4431	9.6	182432.0	-6347.9	4521	9.4	191551.5	-6327.3	4611	9.6	203551.0	-6350.2
4342	9.6	180347.4	-6333.0	4432	9.0	182435.8	-6359.2	4522	8.8	191656.5	-6308.0	4612	9.3	203600.0	-6336.5
4343	7.1	180348.4	-6305.2	4433	9.6	182515.0	-6306.5	4523	8.8	191748.0	-6304.0	4613	9.6	203607.0	-6354.4
4344	9.4	180349.4	-6304.4	4434	9.3	182539.0	-6308.0	4524	8.5	191751.5	-6302.2	4614	9.3	203741.0	-6341.1
4345	9.7	180401.4	-6331.7	4435	10.0	182621.5	-6300.6	4525	8.3	191754.0	-6303.6	4615	9.6	204102.0	-6300.6
4346	9.0	180406.9	-6318.9	4436	9.0	182653.5	-6311.6	4526	9.5	192205.5	-6336.5	4616	9.6	204119.0	-6315.5
4347	9.9	180407.9	-6323.0	4437	8.6	182655.0	-6328.8	4527	7.4	192216.5	-6319.0	4617	9.0	204249.0	-6347.0
4348	9.4	180419.6	-6300.3	4438	8.8	182920.0	-6338.4	4528	8.7	192305.5	-6316.7	4618	9.6	204339.0	-6307.1
4349	8.2	180424.9	-6322.2	4439	8.8	183011.8	-6302.0	4529	9.5	192312.0	-6337.3	4619	7.8	204352.0	-6318.1
4350	9.9	180427.4	-6312.3	4440	9.4	183057.5	-6310.5	4530	8.9	192402.3	-6301.5	4620	9.6	204415.5	-6303.1
4351	9.5	180429.4	-6317.5	4441	8.8	183107.5	-6345.0	4531	9.5	192412.5	-6344.7	4621	9.6	204643.0	-6358.6
4352	10.3	180429.4	-6352.5	4442	8.5	183114.0	-6345.0	4532	9.5	192425.5	-6348.0	4622	9.6	204816.5	-6323.2
4353	9.7	180436.4	-6335.2	4443	9.4	183209.1	-6302.0	4533	9.2	192650.5	-6316.0	4623	9.6	204820.5	-6317.5
4354	9.2	180439.4	-6317.0	4444	10.0	183341.1	-6301.7	4534	9.4	192701.5	-6322.0	4624	8.0	204820.5	-6302.7
4355	9.7	180441.4	-6331.6	4445	9.6	183356.5	-6332.6	4535	7.9	192721.5	-6310.0	4625	9.4	204827.0	-6325.1
4356	10.3	180443.9	-6330.0	4446	9.8	183430.1	-6301.6	4536	9.1	192802.7	-6359.0	4626	8.0	204918.5	-6321.4
4357	9.9	180448.9	-6344.7	4447	9.0	183523.5	-6329.4	4537	8.7	192846.0	-6314.6	4627	9.6	204951.5	-6314.0
4358	10.2	180457.0	-6329.5	4448	9.6	183536.5	-6306.1	4538	8.2	192953.5	-6306.6	4628	8.8	205056.5	-6356.3
4359	10.2	180519.5	-6337.4	4449	9.0	183600.5	-6305.9	4539	9.4	193252.5	-6310.0	4629	9.0	205115.5	-6348.0
4360	10.0	180520.6	-6300.7	4450	9.3	183616.5	-6351.9	4540	9.4	193311.0	-6316.0	4630	9.0	205235.0	-6344.3
4361	9.9	180523.5	-6337.4	4451	7.6	183712.0	-6324.0	4541	8.8	193412.5	-6320.1	4631	8.0	205321.5	-6358.3
4362	10.3	180527.5	-6353.2	4452	9.6	183749.0	-6334.1	4542	9.5	193503.5	-6332.1	4632	9.6	205432.5	-6353.9
4363	9.6	180535.0	-6330.0	4453	7.8	183949.8	-6348.4	4543	8.8	193505.0	-6301.9	4633	9.6	205731.0	-6339.1
4364	10.3	180605.5	-6310.0	4454	9.6	184009.5	-6328.1	4544	8.5	193610.8	-6333.1	4634	8.0	205745.5	-6326.7
4365	10.3	180639.0	-6340.5	4455	9.6	184011.5	-6350.4	4545	9.9	193643.0	-6349.1	4635	9.6	205819.5	-6351.2
4366	9.6	180647.0	-6334.4	4456	8.5	184049.0	-6352.1	4546	9.9	193819.5	-6359.8	4636	9.2	205834.7	-6333.0
4367	10.2	180652.0	-6336.0	4457	9.1	184134.8	-6358.7	4547	9.9	194157.5	-6314.8	4637	9.2	205837.5	-6336.2
4368	7.6	180657.0	-6353.6	4458	9.3	184314.5	-6323.1	4548	7.7	194217.5	-6353.3	4638	9.4	205955.0	-6305.0
4369	10.3	180704.5	-6320.2	4459	9.1	184317.0	-6327.3	4549	8.9	194416.5	-6320.2	4639	10.2	210009.5	-6310.6
4370	6.8	180735.0	-6355.2	4460	9.8	184509.0	-6302.4	4550	9.9	194450.5	-6326.6	4640	10.4	210021.0	-6335.6
4371	9.1	180745.5	-6344.5	4461	8.0	184531.0	-6332.1	4551	8.6	194511.5	-6321.1	4641	10.4	210054.0	-6330.6
4372	9.8	180751.5	-6330.2	4462	9.3	184639.5	-6325.9	4552	8.7	194527.5	-6347.9	4642	10.2	210100.2	-6301.0
4373	10.0	180755.5	-6306.4	4463	8.1	184832.0	-6310.0	4553	9.2	194540.5	-6327.6	4643	10.2	210110.0	-6334.0
4374	10.0	180802.0	-6318.2	4464	9.6	184841.8	-6358.2	4554	9.2	194639.5	-6300.2	4644	9.6	210113.0	-6317.8
4375	9.8	180803.5	-6328.6	4465	8.0	184923.3	-6302.0	4555	7.3	194715.5	-6327.4	4645	10.0	210342.5	-6312.6
4376	9.2	180817.5	-6338.9	4466	8.8	184933.0	-6330.9	4556	9.9	194735.5	-6324.6	4646	9.3	210444.5	-6302.2
4377	10.2	180847.5	-6318.5	4467	7.7	185121.5	-6304.4	4557	9.2	194753.5	-6309.7	4647	9.3	210558.0	-6314.0
4378	10.0	180854.0	-6311.2	4468	9.6	185137.5	-6301.2	4558	9.2	194919.5	-6345.6	4648	9.8	210617.5	-6319.2
4379	9.2	180901.0	-6348.2	4469	6.9	185211.5	-6357.7	4559	8.6	195120.5	-6341.3	4649	9.2	210655.0	-6344.3
4380	8.4	180903.5	-6317.4	4470	9.4	185220.0	-6302.0	4560	9.3	195143.0	-6317.2	4650	10.4	210738.0	-6306.8
4381	10.2	180919.0	-6326.3	4471	3.8	185324.0	-6331.9	4561	7.4	195357.5	-6324.4	4651	9.9	210807.5	-6338.7
4382	9.8	180933.5	-6351.6	4472	7.1	185405.5	-6355.5	4562	8.4	195622.5	-6304.4	4652	8.0	210849.0	-6334.0
4383	10.0	180949.0	-6345.0	4473	3.0	185418.5	-6311.7	4563	9.5	195714.0	-6313.1	4653	9.6	210941.0	-6306.0
4384	7.9	180959.0	-6340.0	4474	.1	185452.0	-6351.1	4564	6.9	195855.0	-6359.0	4654	10.2	210942.0	-6306.6
4385	8.0	181008.5	-6325.8	4475	.6	185453.5	-6359.7	4565	9.0	195949.5	-6349.2	4655	10.4	210943.5	-6337.2
4386	10.3	181011.5	-6322.2	4476	.3	185458.5	-6303.8	4566	7.2	200037.3	-6358.9	4656	10.4	211041.5	-6356.0
4387	10.0	181013.5	-6341.7	4477	.0	185504.5	-6335.5	4567	9.5	200115.5	-6331.2	4657	10.2	211052.5	-6331.3
4388	9.7	181015.5	-6307.5	4478	9.8	185536.5	-6302.2	4568	9.2	200124.0	-6316.3	4658	9.0	211101.5	-6335.0
4389	9.2	181019.5	-6322.8	4479	9.3	185539.5	-6313.1	4569	8.4	200138.0	-6316.4	4659	9.8	211152.0	-6339.9
4390	10.3	181029.5	-6305.6	4480	9.5	185644.0	-6328.6	4570	9.3	200155.0	-6352.3	4660	10.2	211158.0	-6351.6
4391	8.8	181058.8	-6357.2	4481	9.2	185700.5	-6338.0	4571	5.9	200319.0	-6347.4	4661	10.4	211218.0	-6313.5
4392	9.4	181059.5	-6319.6	4482	9.2	185722.0	-6327.6	4572	8.9	200618.0	-6320.3	4662	10.2	211259.2	-6336.9
4393	10.2	181102.5	-6338.1	4483	9.5	185733.5	-6357.0	4573	9.6	200648.5	-6358.2	4663	9.6	211259.5	-6351.6
4394	9.8	181129.5	-6331.1	4484	9.1	185752.5	-6325.4	4574	6.8	200715.5	-6332.4	4664	10.2	211306.5	-6323.8
4395	9.8	181131.4	-6301.6	4485	9.2	185847.2	-6300.2	4575	8.9	200740.0	-6340.3	4665	9.3	211333.0	-6324.3
4396	9.5	181131.5	-6317.2	4486	8.9	185909.8	-6346.9	4576	6.8	200800.0	-6336.7	4666	9.1	211411.0	-6327.1
4397	10.3	181138.5	-6335.8	4487	9.5	190036.5	-6344.2	4577	9.5	201051.0	-6315.4	4667	10.2	211425.5	-6346.8
4398	8.4	181156.0	-6326.2	4488	8.9	190101.5	-6345.9	4578	9.5	201441.0	-6310.7	4668	10.2	211434.0	-6328.4
4399	9.8	181249.0	-6314.1	4489	7.6	190155.5	-6307.4	4579	7.9	201452.0	-6303.6	4669	10.2	211639.5	-6356.0
4400	9.7	181257.0	-6343.1	4490	9.2	190209.0	-6335.8	4580	8.9	201523.0	-6322.1	4670	8.8	211713.0	-6311.4
4401	8.8	181300.0	-6315.5	4491	8.9	190216.7	-6319.5	4581	8.9	201608.0	-6327.5	4671	10.2	211734.0	-6351.0
4402	10.2	181300.0	-6345.7	4492	8.7	190218.7	-6357.1	4582	8.9	201730.5	-6330.4	4672	9.8	211738.5	-6307.0
4403	10.2	181308.5	-6346.7	4493	8.9	190243.0	-6339.8	4583	9.7	201732.0	-6301.5	4673	10.4	211842.0	-6301.2
4404	10.0	181315.5	-6319.7	4494	9.5	190307.7	-6348.9	4584	9.7	201923.5	-6353.3	4674	9.2	211927.5	-6349.8
4405	10.3	181326.0	-6348.6	4495	9.1	190309.5	-6317.4	4585	9.3	201943.5	-6316.1	4675	10.2	211939.5	-6348.2
4406	6.6	181339.5	-6304.7	4496	8.8	190333.0	-6314.4	4586	9.6	201949.5	-6316.0	4676	10.0	211947.7	-6302.0
4407	9.6	181422.5	-6324.1	4497	9.2	190344.5	-6319.7	4587	8.8	202003.0	-6344.5	4677	10.4	212003.0	-6301.3
4408	10.3	181427.0	-6339.0	4498	8.7	190452.0	-6325.2	4588	8.8	202037.0	-6344.7	4678	8.4	212046.0	-6339.0
4409	9.7	181437.0	-6320.5	4499	9.5	190456.5	-6310.0	4589	9.6	202158.0	-6322.7	4679	9.9	212141.0	-6334.1
4410	9.8	181447.5	-6319.9	4500	9.5	190520.5	-6328.0	4590	7.5	202352.7	-6344.1	4680	8.7	212142.5	-6335.6
4411	10.3	181531.5	-6328.1	4501	9.5	190603.0	-6316.7	4591	9.0	202420.0	-6332.9	4681	9.4	212220.5	-6343.2
4412	9.7	181539.5	-6303.5	4502	9.4	190604.8	-6300.0	4592	9.6	202458.0	-6301.0	4682	10.4	212223.5	-6307.6
4413	9.6	181545.0	-6351.0	4503	9.5	190731.0	-6323.1	4593	9.6	202519.0	-6329.7	4683	9.2	212309.0	-6347.4
4414	10.3	181552.0	-6315.0	4504	8.5	190746.5	-6305.7	4594	8.4	202521.5	-6301.9	4684	10.2	212317.0	-6342.9
4415	8.4	181608.0	-6322.7	4505	9.5	190750.5	-6310.4	4595	7.0	202551.0	-6332.8	4685	10.4	212422.0	-6302.2
4416	9.0	181625.0	-6353.9	4506	7.8	190812.0	-6306.9	4596	8.9	202551.5	-6333.9	4686	10.2	212436.0	-6331.0
4417	9.5	181635.0	-6302.6	4507	7.9	190832.0	-6324.2	4597	9.4	202618.0	-6356.4	4687	8.1	212556.5	-6331.1
4418	9.2	181648.0	-6345.2	4508	8.7	190835.5	-6342.0	4598	9.0	202636.0	-6319.3	4688	10.0	212559.0	-6320.2
4419	9.4	181709.0	-6338.3	4509	8.7	190843.5	-6319.8	4599	9.6	202700.0	-6333.5	4689	9.0	212610.0	-6304.0
4420	9.0	181753.5	-6302.9	4510	8.5	191012.5	-6321.4	4600	9.6	202727.0	-6313.5	4690	10.2	212614.5	-6306.0
4421	8.4	181829.0	-6313.6	4511	9.2	191120.0	-6328.0	4601	9.6	202827.5	-6333.1	4691	10.2	212650.5	-6334.0
4422	7.7	181911.3	-6307.2	4512	8.8	191137.0	-6303.2	4602	7.6	202909.5	-6320.3	4692	10.2	212715.5	-6312.1
4423	9.0	182002.3	-6316.6	4513	7.9	191200.5	-6325.0	4603	8.5	203000.0	-6329.8	4693	8.8	212808.5	-6321.7

4694	9.2	212833.0	-6354.0	4784	9.2	221409.9	-6314.0	4874	9.8	231216.0	-6333.4
4695	9.0	212850.0	-6330.3	4785	10.0	221446.9	-6310.2	4875	9.1	231218.0	-6325.9
4696	9.2	213006.0	-6339.0	4786	9.2	221522.4	-6346.8	4876	10.0	231248.0	-6345.5
4697	8.0	213032.5	-6322.0	4787	7.7	221531.1	-6347.2	4877	10.0	231316.0	-6302.1
4698	9.2	213114.0	-6306.9	4788	10.1	221604.7	-6332.4	4878	10.1	231323.5	-6340.0
4699	9.2	213254.0	-6315.2	4789	8.2	221756.6	-6310.4	4879	8.4	231511.0	-6316.1
4700	10.0	213356.5	-6303.0	4790	9.4	221816.8	-6321.5	4880	10.0	231522.0	-6340.1
4701	8.4	213412.5	-6358.8	4791	8.9	221825.6	-6309.7	4881	9.1	231526.0	-6305.8
4702	10.2	213536.0	-6328.4	4792	9.6	221828.4	-6319.1	4882	10.1	231605.0	-6321.0
4703	7.6	213650.0	-6307.3	4793	10.0	221849.0	-6334.9	4883	10.0	231607.5	-6323.1
4704	10.4	213741.5	-6324.4	4794	9.2	221912.2	-6352.1	4884	9.2	231656.0	-6303.3
4705	8.5	213808.5	-6328.8	4795	10.0	221956.5	-6348.5	4885	9.0	231658.0	-6324.6
4706	10.4	213844.8	-6318.3	4796	9.5	222112.6	-6322.5	4886	9.8	231743.0	-6344.9
4707	10.2	213959.6	-6349.4	4797	9.2	222207.3	-6305.7	4887	9.8	231821.0	-6345.0
4708	9.0	214010.4	-6330.7	4798	10.0	222242.5	-6327.9	4888	7.2	231910.0	-6355.5
4709	8.7	214028.0	-6353.5	4799	9.1	222341.0	-6345.9	4889	8.2	231953.5	-6325.4
4710	7.8	214034.0	-6327.1	4800	9.6	222355.5	-6349.1	4890	8.8	232024.7	-6302.2
4711	10.2	214039.2	-6332.0	4801	9.0	222400.0	-6322.6	4891	4.5	232144.5	-6348.0
4712	9.2	214040.2	-6309.9	4802	9.2	222528.5	-6314.6	4892	9.4	232222.5	-6310.4
4713	8.8	214119.6	-6321.4	4803	9.5	222548.5	-6302.0	4893	10.0	232256.5	-6331.0
4714	9.1	214121.0	-6348.4	4804	9.2	222631.0	-6326.5	4894	8.8	232418.5	-6337.1
4715	9.6	214121.2	-6339.2	4805	9.6	222645.5	-6344.0	4895	10.0	232418.5	-6323.2
4716	9.3	214133.4	-6358.3	4806	9.4	222913.0	-6316.0	4896	10.1	232422.5	-6300.2
4717	10.2	214152.4	-6359.0	4807	9.5	223002.0	-6312.0	4897	9.8	232433.0	-6343.3
4718	10.0	214230.8	-6303.5	4808	10.0	223016.0	-6341.1	4898	10.1	232438.5	-6341.9
4719	9.6	214233.1	-6325.4	4809	9.5	223133.0	-6342.0	4899	9.6	232552.0	-6349.0
4720	9.1	214354.8	-6326.9	4810	8.7	223200.0	-6309.2	4900	9.2	232609.5	-6316.2
4721	7.5	214434.1	-6341.3	4811	10.0	223203.5	-6308.0	4901	8.8	232610.0	-6358.6
4722	10.0	214444.4	-6319.3	4812	8.4	223240.5	-6335.4	4902	9.1	232748.5	-6312.0
4723	10.2	214530.4	-6325.0	4813	8.7	223321.5	-6355.4	4903	10.1	232755.5	-6320.6
4724	10.1	214548.8	-6307.8	4814	7.9	223622.0	-6312.1	4904	9.1	232813.0	-6351.9
4725	8.8	214602.1	-6347.9	4815	9.2	223703.0	-6313.0	4905	9.4	232852.5	-6352.8
4726	9.2	214708.9	-6353.7	4816	9.4	223742.0	-6340.3	4906	9.4	232900.5	-6348.6
4727	10.0	214709.6	-6349.1	4817	9.4	223804.5	-6312.5	4907	7.6	232928.5	-6326.8
4728	10.2	214715.3	-6323.3	4818	9.2	223815.5	-6343.5	4908	9.4	232932.5	-6300.2
4729	9.6	214747.4	-6339.8	4819	9.0	223929.0	-6301.1	4909	8.8	232938.0	-6326.4
4730	9.8	214808.9	-6350.5	4820	9.2	223954.5	-6343.3	4910	9.4	232950.5	-6339.9
4731	10.0	214826.1	-6340.9	4821	10.0	224057.0	-6305.1	4911	10.0	233024.0	-6324.0
4732	9.1	214904.9	-6318.2	4822	9.5	224209.5	-6353.0	4912	9.1	233049.0	-6303.3
4733	9.2	214918.9	-6353.5	4823	9.7	224214.5	-6352.3	4913	7.4	233143.0	-6334.6
4734	10.0	214928.9	-6312.1	4824	8.0	224247.5	-6328.5	4914	8.8	233147.5	-6327.1
4735	10.1	214948.2	-6338.8	4825	8.2	224303.0	-6330.9	4915	9.0	233204.5	-6356.2
4736	7.9	215003.6	-6304.4	4826	7.2	224402.5	-6351.1	4916	9.0	233206.0	-6344.2
4737	10.2	215108.1	-6345.7	4827	10.0	224433.0	-6327.1	4917	8.6	233307.0	-6333.7
4738	9.4	215222.9	-6357.6	4828	7.9	224446.0	-6328.8	4918	10.1	233316.0	-6345.7
4739	10.2	215305.2	-6334.0	4829	10.0	224549.0	-6338.1	4919	9.1	233330.0	-6354.6
4740	10.2	215306.4	-6318.9	4830	9.2	224802.5	-6311.9	4920	10.0	233411.0	-6318.6
4741	9.6	215332.1	-6359.9	4831	9.7	225024.5	-6324.1	4921	8.8	233444.0	-6313.1
4742	9.1	215333.7	-6333.6	4832	9.5	225143.5	-6327.4	4922	9.1	233457.5	-6305.4
4743	9.6	215408.8	-6322.7	4833	7.3	225149.0	-6326.4	4923	10.1	233539.5	-6335.0
4744	9.2	215445.7	-6333.3	4834	10.0	225153.0	-6327.7	4924	10.0	233602.5	-6340.7
4745	9.8	215503.9	-6313.3	4835	7.7	225401.5	-6345.3	4925	9.6	233654.0	-6356.0
4746	10.2	215604.6	-6304.9	4836	9.2	225500.5	-6324.9	4926	10.0	233724.5	-6332.0
4747	8.5	215619.4	-6351.3	4837	7.4	225521.0	-6303.3	4927	10.1	233940.4	-6314.1
4748	8.9	215646.6	-6343.2	4838	9.0	225524.0	-6329.1	4928	10.6	234006.7	-6324.0
4749	9.3	215707.9	-6315.5	4839	10.0	225536.8	-6350.2	4929	9.2	234049.9	-6301.0
4750	10.2	215715.4	-6309.4	4840	10.0	225540.0	-6345.0	4930	10.4	234138.7	-6332.4
4751	10.2	215744.2	-6336.9	4841	9.5	225602.5	-6330.3	4931	7.9	234300.4	-6332.0
4752	10.0	215758.4	-6354.1	4842	9.4	225605.5	-6352.4	4932	10.2	234458.4	-6305.3
4753	10.0	215758.7	-6337.1	4843	8.4	225656.8	-6359.9	4933	10.1	234542.7	-6313.1
4754	9.6	220121.4	-6355.5	4844	10.0	225732.5	-6346.0	4934	10.4	234633.4	-6301.7
4755	9.7	220130.9	-6319.2	4845	8.7	225733.5	-6356.1	4935	9.5	234756.4	-6333.8
4756	8.0	220146.1	-6342.7	4846	7.6	225738.0	-6303.9	4936	10.4	234757.2	-6302.3
4757	9.6	220157.6	-6343.9	4847	8.6	225753.0	-6303.1	4937	10.4	234930.6	-6345.0
4758	9.6	220232.1	-6343.1	4848	10.0	225803.8	-6351.0	4938	7.4	234933.6	-6334.1
4759	10.2	220254.9	-6317.3	4849	10.1	225807.0	-6318.4	4939	10.2	235041.1	-6307.0
4760	10.0	220406.2	-6331.0	4850	10.1	225828.0	-6317.4	4940	6.4	235045.6	-6339.2
4761	10.2	220419.4	-6318.9	4851	9.4	230014.0	-6335.3	4941	7.6	235150.6	-6342.1
4762	10.2	220521.7	-6349.9	4852	9.4	230019.5	-6300.0	4942	9.8	235435.6	-6317.4
4763	10.2	220521.9	-6315.3	4853	9.4	230020.5	-6342.4	4943	9.2	235438.1	-6311.1
4764	10.1	220530.6	-6304.5	4854	10.1	230108.5	-6343.9	4944	7.6	235502.6	-6337.2
4765	7.4	220730.6	-6357.5	4855	9.0	230124.0	-6328.0	4945	9.1	235631.1	-6334.0
4766	10.2	220744.9	-6300.6	4856	10.1	230256.5	-6318.8	4946	10.2	235740.1	-6351.8
4767	10.2	220808.4	-6300.9	4857	8.2	230329.0	-6352.1	4947	10.4	235749.6	-6356.0
4768	10.2	220815.9	-6316.5	4858	9.6	230434.5	-6331.4	4948	9.6	235822.6	-6330.7
4769	7.2	220909.8	-6325.9	4859	9.4	230453.5	-6318.0	4949	8.3	235847.1	-6332.4
4770	10.2	220913.2	-6337.3	4860	9.6	230531.0	-6310.0	1	10.0	00018.7	-6424.4
4771	8.4	220922.7	-6337.5	4861	9.1	230540.0	-6334.7	2	10.6	00141.7	-6418.1
4772	9.3	220936.1	-6302.9	4862	7.1	230623.5	-6322.0	3	8.6	00326.2	-6417.0
4773	10.2	221000.1	-6302.1	4863	9.8	230751.0	-6321.1	4	9.8	00404.7	-6458.8
4774	9.3	221001.3	-6328.4	4864	10.1	230829.0	-6354.6	5	8.7	00423.7	-6419.7
4775	9.8	221006.6	-6303.1	4865	9.0	230834.0	-6330.3	6	10.0	00447.7	-6408.3
4776	9.4	221018.6	-6309.4	4866	10.1	230905.5	-6335.5	7	9.2	00619.7	-6458.0
4777	10.2	221029.7	-6339.4	4867	9.4	230921.0	-6313.0	8	9.6	00836.2	-6452.3
4778	9.1	221033.6	-6342.7	4868	8.2	230950.5	-6327.8	9	10.0	00936.7	-6439.1
4779	7.8	221047.9	-6353.6	4869	10.1	230954.0	-6320.0	10	10.0	00941.2	-6426.2
4780	9.3	221135.2	-6338.4	4870	10.0	231001.0	-6318.8	11	9.6	00951.2	-6414.7
4781	10.2	221150.1	-6305.1	4871	10.1	231012.5	-6341.0	12	9.1	01016.7	-6444.0
4782	7.0	221215.9	-6310.6	4872	9.0	231038.0	-6340.6	13	9.6	01033.7	-6433.1
4783	10.2	221330.6	-6306.5	4873	9.4	231130.5	-6343.6	14	10.4	01115.2	-6450.1
15	10.0	01202.7	-6445.0	45	10.8	02630.2	-6457.2	75	9.6	04106.9	-6405.5
16	9.1	01218.7	-6421.6	46	10.9	02649.7	-6431.7	76	9.6	04207.4	-6433.7
17	7.8	01223.2	-6410.1	47	9.4	02733.2	-6435.9	77	10.5	04239.9	-6439.0
18	10.0	01224.1	-6402.7	48	9.5	02738.2	-6411.9	78	10.8	04245.2	-6454.8
19	10.4	01249.7	-6425.7	49	9.2	02746.2	-6421.9	79	10.6	04429.4	-6434.9
20	9.8	01357.7	-6420.3	50	10.6	02837.7	-6455.3	80	9.8	04433.4	-6426.0
21	10.0	01525.7	-6400.7	51	9.2	02911.2	-6422.0	81	8.3	04509.9	-6444.9
22	9.5	01558.7	-6453.3	52	9.8	02957.7	-6456.7	82	9.8	04519.4	-6436.2
23	8.9	01637.7	-6422.2	53	10.0	02959.2	-6418.9	83	8.8	04616.9	-6422.5
24	9.6	01645.2	-6444.5	54	10.0	03008.2	-6456.0	84	7.3	04724.4	-6425.3
25	10.0	01803.8	-6416.3	55	10.0	03048.7	-6421.9	85	10.0	04730.2	-6454.0
26	10.1	01825.7	-6413.2	56	10.9	03109.2	-6424.1	86	9.0	04754.4	-6450.5
27	8.6	01907.7	-6438.6	57	10.5	03110.2	-6421.5	87	10.2	04755.9	-6403.2
28	10.2	01908.5	-6422.6	58	9.4	03139.2	-6430.5	88	10.4	04819.4	-6422.5
29	10.8	01932.7	-6421.9	59	10.0	03233.2	-6442.5	89	10.6	04901.9	-6433.4
30	8.4	01948.7	-6442.1	60	9.6	03246.2	-6445.9	90	10.8	05107.4	-6419.8
31	10.5	02103.5	-6444.1	61	10.8	03256.2	-6413.9	91	7.7	05111.4	-6438.4
32	10.9	02114.2	-6435.1	62	10.2	03429.2	-6442.1	92	10.0	05135.4	-6423.6
33	10.8	02138.2	-6426.6	63	10.0	03439.2	-6447.5	93	8.3	05144.9	-6445.1
34	9.8	02239.9	-6423.9	64	10.5	03526.7	-6451.7	94	9.0	05158.4	-6446.9
35	10.8	02331.7	-6428.9	65	10.9	03545.2	-6424.1	95	8.6	05236.4	-6434.1
36	10.0	02351.2	-6405.1	66	10.6	03609.2	-6428.3	96	8.4	05247.9	-6427.0
37	10.2	02409.7	-6454.0	67	9.0	03615.4	-6437.5	97	10.6	05339.4	-6409.6
38	10.4	02420.2	-6434.2	68	9.6	03712.4	-6424.5	98	10.5	05429.4	-6438.7
39	9.5	02529.2	-6459.1	69	10.0	03818.4	-6449.6	99	10.5	05443.9	-6424.0
40	10.4	02534.2	-6432.7	70	10.6	03851.9	-6405.2	100	9.6	05509.4	-6442.0
41	10.4	02549.2	-6438.3	71	9.4	03926.4	-6438.6	101	10.6	05528.9	-6444.6
42	10.9	02549.2	-6403.9	72	10.6	03928.4	-6453.1	102	8.7	05546.1	-6458.3
43	10.6	02600.2	-6402.9	73	10.2	03930.4	-6418.3	103	9.2	05628.7	-6453.6
44	10.8	02625.2	-6434.7	74	10.2	04010.4	-6408.8	104	10.2	05631.4	-6428.7

105	9.6	05703.2	-6405.8	195	8.6	24058.7	-6401.1	285	10.1	35539.5	-6449.0	375	9.4	45119.0	-6408.7
106	10.2	05705.4	-6444.2	196	6.8	24247.5	-6413.8	286	9.4	35612.5	-6459.0	376	9.9	45133.5	-6403.1
107	8.9	05749.1	-6439.4	197	8.6	24325.5	-6455.2	287	8.2	35618.5	-6422.6	377	9.5	45152.0	-6418.1
108	10.6	05750.9	-6417.5	198	9.4	24413.5	-6450.0	288	10.1	35627.0	-6445.1	378	9.9	45242.0	-6424.0
109	9.0	05908.6	-6448.8	199	9.4	24508.5	-6419.0	289	9.2	35632.5	-6406.2	379	9.3	45247.0	-6421.1
110	9.5	10000.2	-6425.9	200	8.6	24509.0	-6453.1	290	10.1	35652.5	-6448.5	380	8.6	45318.5	-6402.2
111	9.7	10026.7	-6438.7	201	8.5	24735.0	-6431.9	291	9.4	35717.0	-6411.2	381	9.8	45349.0	-6410.1
112	9.7	10124.4	-6428.7	202	9.0	24841.5	-6434.2	292	10.1	35828.5	-6450.0	382	9.8	45355.5	-6454.3
113	9.1	10209.2	-6401.5	203	7.6	24901.0	-6403.2	293	10.1	35850.5	-6420.1	383	9.9	45400.0	-6441.1
114	9.5	10239.5	-6434.9	204	8.3	24934.5	-6431.9	294	7.6	35930.5	-6446.2	384	7.9	45417.0	-6409.3
115	9.1	10329.2	-6458.7	205	9.0	25110.0	-6450.9	295	9.0	40013.5	-6403.3	385	9.9	45426.5	-6406.5
116	9.7	10414.0	-6417.9	206	7.7	25159.0	-6456.6	296	8.7	40034.5	-6455.1	386	9.3	45443.0	-6455.8
117	9.6	10539.0	-6446.1	207	7.8	25219.0	-6430.6	297	10.1	40040.5	-6407.3	387	9.6	45444.0	-6458.4
118	9.4	10731.0	-6445.0	208	8.0	25229.0	-6432.8	298	9.1	40129.5	-6424.0	388	9.6	45502.5	-6418.9
119	9.1	10835.5	-6425.3	209	9.5	25318.5	-6406.0	299	10.1	40330.5	-6430.1	389	8.7	45522.0	-6446.5
120	9.7	10836.0	-6451.4	210	8.2	25347.5	-6420.2	300	9.5	40335.0	-6428.5	390	9.4	45542.5	-6440.9
121	9.0	10933.0	-6445.0	211	9.5	25411.0	-6405.6	301	10.1	40408.5	-6413.2	391	9.9	45547.0	-6403.6
122	9.0	11114.5	-6444.3	212	8.7	25429.0	-6430.8	302	9.0	40416.5	-6415.9	392	9.5	45624.5	-6432.8
123	9.7	11152.8	-6459.1	213	8.6	25442.0	-6421.3	303	10.1	40443.5	-6425.4	393	9.5	45647.0	-6442.4
124	9.0	11214.0	-6410.1	214	8.9	25517.0	-6446.3	304	10.1	40531.0	-6443.2	394	9.2	45707.5	-6447.1
125	9.8	11224.0	-6423.2	215	5.3	25626.0	-6434.1	305	6.2	40600.5	-6433.8	395	9.0	45744.0	-6408.7
126	9.7	11300.0	-6409.9	216	8.2	25716.5	-6407.5	306	8.4	40641.5	-6456.1	396	9.8	45746.0	-6411.8
127	9.7	11803.0	-6424.0	217	9.5	25728.0	-6431.0	307	9.8	40647.0	-6407.3	397	8.4	45945.8	-6434.3
128	9.1	11910.5	-6401.2	218	9.1	25734.7	-6406.1	308	9.5	40942.0	-6411.9	398	9.4	45951.0	-6437.3
129	9.0	12038.0	-6436.7	219	9.3	25757.5	-6400.7	309	9.2	41110.5	-6439.5	399	10.0	45955.5	-6435.4
130	9.8	12214.0	-6406.7	220	7.6	30010.3	-6421.5	310	10.1	41117.5	-6413.4	400	9.3	50038.5	-6421.9
131	9.7	12525.0	-6433.1	221	8.9	30146.7	-6449.8	311	8.2	41124.5	-6434.2	401	10.0	50204.5	-6401.7
132	9.7	12809.0	-6437.6	222	9.1	30148.5	-6442.0	312	10.1	41135.5	-6439.6	402	9.3	50223.5	-6409.6
133	8.7	12855.0	-6430.6	223	9.6	30211.0	-6403.7	313	10.1	41245.0	-6401.1	403	9.2	50231.5	-6442.5
134	9.6	13131.0	-6409.8	224	9.6	30416.0	-6413.7	314	9.2	41323.5	-6409.8	404	9.3	50312.5	-6421.7
135	9.1	14141.7	-6423.0	225	8.6	30440.0	-6411.8	315	9.8	41347.5	-6411.1	405	8.4	50403.0	-6442.8
136	9.2	14326.5	-6404.9	226	9.0	30505.5	-6431.2	316	10.1	41424.5	-6421.3	406	9.7	50404.0	-6437.6
137	9.1	14340.5	-6413.9	227	8.7	30621.0	-6435.4	317	7.5	41525.0	-6437.3	407	9.8	50448.5	-6437.0
138	8.5	14442.0	-6458.5	228	9.6	30632.0	-6448.0	318	10.1	41541.5	-6449.5	408	9.7	50451.5	-6446.4
139	8.2	14522.5	-6408.3	229	6.6	30751.5	-6423.1	319	10.1	41614.5	-6434.2	409	10.0	50451.5	-6424.8
140	8.9	14551.5	-6400.4	230	9.4	30754.0	-6442.8	320	8.5	41634.5	-6412.8	410	9.7	50517.5	-6432.5
141	9.2	14920.5	-6423.9	231	9.1	30756.0	-6422.5	321	10.1	41650.5	-6435.3	411	10.0	50530.5	-6410.3
142	9.2	15311.0	-6439.2	232	9.4	30849.5	-6415.3	322	10.1	41657.3	-6448.3	412	10.0	50537.5	-6435.5
143	9.2	15539.5	-6429.5	233	9.1	30959.5	-6447.5	323	10.1	41728.5	-6436.3	413	9.1	50643.8	-6459.5
144	9.2	15623.0	-6434.5	234	8.6	31002.0	-6448.1	324	9.8	41957.0	-6411.7	414	9.3	50658.5	-6442.0
145	9.2	15701.0	-6443.0	235	6.5	31312.0	-6454.2	325	10.1	42006.5	-6428.2	415	10.0	50718.0	-6413.7
146	9.2	15708.0	-6400.8	236	8.7	31442.0	-6438.1	326	9.6	42240.0	-6458.1	416	9.2	50814.5	-6405.9
147	9.3	15756.0	-6440.6	237	8.9	31541.0	-6415.8	327	9.4	42241.5	-6427.1	417	10.0	50842.5	-6422.2
148	7.4	15816.5	-6413.6	238	9.5	31555.5	-6436.6	328	8.8	42306.5	-6428.4	418	9.1	50900.5	-6432.2
149	9.2	15905.5	-6427.5	239	8.7	32013.3	-6400.2	329	8.9	42306.7	-6433.1	419	9.1	50920.5	-6441.9
150	9.1	15936.0	-6430.9	240	9.6	32112.0	-6407.3	330	9.4	42309.0	-6428.2	420	8.9	51000.5	-6426.6
151	8.7	15940.0	-6450.0	241	9.6	32201.5	-6441.3	331	9.6	42336.0	-6447.1	421	9.1	51005.5	-6424.4
152	9.3	20036.0	-6433.3	242	9.6	32202.0	-6417.0	332	9.3	42343.0	-6400.5	422	10.0	51020.5	-6410.2
153	9.2	20258.0	-6458.2	243	9.4	32402.5	-6401.3	333	9.9	42402.0	-6431.1	423	9.5	51129.5	-6447.0
154	9.1	20310.0	-6454.9	244	8.9	32533.5	-6445.9	334	8.4	42402.5	-6422.3	424	10.0	51140.5	-6410.7
155	9.2	20423.2	-6458.0	245	8.3	32607.0	-6440.3	335	9.4	42406.0	-6431.1	425	9.5	51146.0	-6410.9
156	7.8	20645.0	-6456.8	246	9.6	32616.5	-6406.1	336	9.6	42409.0	-6452.6	426	10.0	51155.0	-6430.0
157	9.2	20731.0	-6416.9	247	8.5	32706.5	-6423.2	337	9.0	42520.0	-6418.3	427	10.0	51158.5	-6430.9
158	9.2	20916.5	-6452.9	248	8.9	32739.8	-6401.4	338	9.0	42603.0	-6425.0	428	9.5	51203.0	-6422.8
159	8.0	21058.0	-6422.7	249	8.3	32836.0	-6432.7	339	8.6	42624.0	-6403.6	429	9.8	51218.0	-6420.1
160	9.2	21512.0	-6452.4	250	8.4	32952.5	-6406.0	340	9.8	42707.5	-6431.7	430	9.8	51305.5	-6446.8
161	8.2	21638.3	-6407.2	251	9.6	33037.5	-6450.4	341	9.3	42750.0	-6429.1	431	8.9	51310.5	-6436.5
162	8.6	21837.8	-6402.4	252	9.6	33139.0	-6433.8	342	8.9	42757.0	-6450.2	432	9.5	51339.5	-6433.1
163	9.1	21840.5	-6454.4	253	9.6	33334.0	-6440.6	343	9.0	42809.0	-6417.3	433	9.7	51410.5	-6450.2
164	9.5	21943.0	-6443.1	254	8.6	33334.5	-6404.8	344	9.9	42812.5	-6421.4	434	10.0	51422.5	-6439.8
165	9.1	22009.7	-6438.0	255	9.4	33525.5	-6408.2	345	9.0	42845.0	-6459.8	435	9.5	51459.0	-6403.9
166	8.7	22122.8	-6417.6	256	9.3	33646.5	-6456.3	346	9.4	42856.0	-6420.3	436	9.3	51548.5	-6429.0
167	8.7	22127.3	-6434.1	257	9.1	33713.0	-6438.2	347	9.6	42939.5	-6415.9	437	9.5	51854.5	-6447.2
168	9.1	22224.5	-6447.9	258	8.8	33819.3	-6426.4	348	9.4	43000.0	-6459.3	438	9.7	51933.5	-6448.9
169	9.4	22234.5	-6406.9	259	9.4	33824.0	-6436.3	349	9.3	43005.5	-6434.3	439	8.3	52014.5	-6411.8
170	9.0	22256.5	-6412.6	260	9.3	33854.0	-6403.1	350	9.1	43036.5	-6436.1	440	9.7	52021.0	-6438.0
171	9.4	22326.0	-6400.5	261	8.9	33924.0	-6417.2	351	9.8	43102.5	-6444.1	441	8.0	52021.5	-6427.3
172	9.1	22445.0	-6411.0	262	8.5	34056.2	-6435.5	352	9.6	43230.5	-6417.6	442	8.8	52410.5	-6428.5
173	9.5	22448.5	-6413.1	263	9.8	34056.5	-6423.8	353	9.0	43345.5	-6455.3	443	10.0	52509.5	-6405.3
174	6.4	22508.0	-6451.6	264	10.1	34131.5	-6402.2	354	9.3	43427.5	-6410.1	444	10.0	52522.0	-6437.5
175	9.4	22727.5	-6423.9	265	10.1	34149.5	-6400.3	355	9.9	43443.5	-6421.4	445	9.5	52550.0	-6422.0
176	8.7	22729.0	-6427.3	266	9.2	34156.8	-6436.2	356	9.5	43448.5	-6416.8	446	7.0	52601.5	-6425.6
177	9.1	22729.5	-6403.9	267	9.8	34242.5	-6448.9	357	9.0	43632.5	-6422.1	447	8.4	52609.5	-6442.2
178	7.5	22759.0	-6435.9	268	10.1	34314.5	-6429.1	358	9.9	43710.0	-6418.5	448	9.5	52616.0	-6408.3
179	8.9	22837.5	-6407.7	269	8.3	34328.0	-6407.1	359	9.6	43727.5	-6431.8	449	10.0	52626.5	-6423.7
180	9.5	22843.0	-6405.4	270	8.5	34432.5	-6427.9	360	9.6	43831.0	-6407.5	450	9.7	52754.5	-6450.6
181	8.9	22852.0	-6431.9	271	9.0	34433.5	-6427.5	361	9.8	43904.0	-6417.5	451	10.0	52815.5	-6433.9
182	9.4	22937.5	-6411.9	272	8.8	34540.5	-6443.2	362	9.8	43915.0	-6424.7	452	6.7	52930.2	-6401.4
183	9.0	22940.0	-6404.4	273	9.4	34710.0	-6430.2	363	8.7	44013.0	-6440.8	453	9.5	53029.0	-6439.5
184	9.5	22948.0	-6458.6	274	9.7	34719.5	-6453.4	364	8.7	44025.5	-6442.5	454	9.4	53047.0	-6411.0
185	9.0	22953.5	-6420.7	275	10.1	34821.0	-6458.3	365	8.8	44218.5	-6409.3	455	10.0	53122.5	-6404.9
186	9.1	23049.5	-6408.5	276	9.8	34845.5	-6422.1	366	9.8	44250.0	-6434.9	456	6.1	53218.5	-6418.6
187	9.1	23125.5	-6427.5	277	9.0	34853.5	-6426.9	367	9.8	44310.0	-6411.5	457	10.0	53250.5	-6445.0
188	9.0	23325.0	-6401.4	278	10.1	34918.5	-6450.9	368	9.6	44322.5	-6415.2	458	8.4	53250.5	-6429.9
189	9.1	23338.5	-6406.1	279	9.0	34923.0	-6409.4	369	8.8	44349.8	-6400.2	459	9.2	53514.5	-6400.1
190	9.1	23401.0	-6429.4	280	10.1	35244.5	-6405.6	370	9.8	44506.0	-6419.7	460	10.0	53544.0	-6450.7
191	9.4	23626.5	-6420.4	281	10.1	35401.0	-6403.5	371	8.7	44801.5	-6436.1	461	8.8	53554.5	-6451.0
192	6.4	23650.0	-6449.2	282	10.1	35434.0	-6441.4	372	9.4	44809.0	-6400.0	462	10.0	53555.5	-6452.1
193	9.3	23739.0	-6445.6	283	10.0	35457.0	-6449.7	373	9.6	44854.0	-6454.1	463	10.0	53724.0	-6455.2
194	9.3	23836.5	-6421.9	284	9.8	35506.7	-6401.3	374	9.4	45025.5	-6404.9	464	8.7	53733.0	-6458.6

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465	9.3	53807.5	-6409.5
466	10.0	53824.0	-6402.9
467	9.6	53847.2	-6451.4
468	9.9	53953.0	-6419.7
469	9.9	53959.0	-6420.6
470	9.3	54003.0	-6455.2
471	10.0	54200.0	-6400.8
472	10.1	54200.5	-6407.9
473	9.4	54216.0	-6407.7
474	9.7	54252.0	-6446.0
475	9.4	54344.5	-6423.9
476	9.4	54407.0	-6448.6
477	8.8	54633.5	-6448.1
478	9.3	54650.3	-6402.3
479	9.4	54652.0	-6436.9
480	10.0	54722.0	-6439.6
481	9.4	54723.5	-6425.2
482	10.1	54725.5	-6402.0
483	9.4	54750.5	-6424.0
484	9.4	54752.3	-6401.7
485	9.9	55030.2	-6457.8
486	7.2	55042.0	-6403.7
487	9.4	55103.0	-6442.4
488	9.7	55116.8	-6402.1
489	9.4	55135.0	-6442.5
490	10.1	55146.5	-6427.8
491	9.4	55201.5	-6401.7
492	9.6	55208.0	-6453.0
493	8.9	55254.0	-6441.4
494	10.1	55331.0	-6400.1
495	6.7	55338.5	-6430.2
496	10.0	55357.0	-6402.1
497	10.0	55357.0	-6439.3
498	10.0	55551.0	-6413.0
499	10.1	55609.5	-6414.2
500	9.6	55722.5	-6418.3
501	9.9	55738.0	-6406.6
502	9.4	55738.7	-6457.9
503	8.9	55742.0	-6410.2
504	10.0	55757.5	-6433.6
505	9.6	55819.0	-6444.0
506	9.3	55823.0	-6412.9
507	9.1	55823.5	-6423.0
508	9.4	55855.0	-6428.3
509	9.9	55912.5	-6427.3
510	7.9	55931.0	-6418.7
511	10.1	60049.0	-6403.5
512	7.6	60125.5	-6451.3
513	9.4	60138.3	-6401.7
514	9.8	60239.0	-6455.8
515	10.0	60620.5	-6453.9
516	8.9	60635.5	-6422.0
517	10.0	60641.0	-6423.9
518	9.6	60641.0	-6432.3
519	9.6	60645.5	-6402.3
520	8.8	60713.0	-6425.1
521	9.7	60747.0	-6405.9
522	9.3	60935.5	-6418.7
523	9.6	61155.5	-6414.0
524	10.0	61322.0	-6438.3
525	8.0	61420.5	-6420.0
526	9.7	61639.0	-6415.3
527	9.6	61645.5	-6405.0
528	8.2	61700.5	-6433.0
529	9.4	61811.5	-6429.7
530	8.8	61813.8	-6444.1
531	9.6	61824.5	-6451.5
532	9.7	61845.5	-6446.3
533	10.0	61852.0	-6453.8
534	10.0	61950.5	-6447.4
535	9.4	62021.2	-6439.5
536	9.5	62034.6	-6458.0
537	10.0	62044.0	-6431.6
538	9.7	62048.0	-6409.4
539	9.4	62119.2	-6444.5
540	10.0	62136.0	-6420.0
541	9.5	62146.0	-6422.1
542	10.0	62155.0	-6451.4
543	10.0	62201.7	-6458.0
544	9.5	62211.0	-6421.8
545	10.0	62212.0	-6455.0
546	9.6	62213.5	-6443.2
547	8.5	62217.0	-6428.6
548	9.2	62230.0	-6428.9
549	9.8	62233.0	-6413.5
550	10.0	62312.0	-6433.8
551	9.3	62322.2	-6458.0
552	10.0	62349.0	-6425.5
553	9.8	62352.0	-6425.8
554	9.6	62414.0	-6441.7
555	9.1	62421.5	-6450.2
556	9.7	62426.0	-6440.8
557	9.5	62436.0	-6411.3
558	10.0	62445.0	-6418.6
559	9.5	62505.5	-6413.1
560	9.6	62516.0	-6414.6
561	8.6	62524.5	-6415.0
562	8.8	62533.0	-6428.4
563	9.1	62612.5	-6422.8
564	9.7	62616.0	-6449.2
565	9.8	62651.0	-6412.0
566	9.2	62712.5	-6402.0
567	9.6	62716.0	-6404.0
568	9.3	62736.0	-6438.2
569	10.0	62806.0	-6450.4
570	9.8	62818.5	-6413.3
571	8.4	62830.0	-6409.0
572	9.6	62853.5	-6405.1
573	9.6	62908.0	-6440.8
574	10.0	62946.0	-6413.5
575	10.0	63003.7	-6457.1
576	9.2	63030.0	-6429.0
577	9.5	63041.0	-6448.3
578	9.1	63106.5	-6437.0
579	9.8	63109.0	-6445.0
580	9.8	63112.(	-6418.6
581	9.3	63114.0	-6427.0
582	10.0	63251.5	-6454.5
583	9.5	63302.0	-6418.4
584	9.8	63328.5	-6422.7
585	9.2	63338.5	-6421.0
586	9.1	63407.0	-6446.1
587	9.2	63413.0	-6452.2
588	8.9	63436.5	-6454.4
589	8.2	63522.0	-6446.4
590	9.4	63523.0	-6426.0
591	10.0	63556.0	-6432.0
592	8.7	63558.0	-6435.2
593	9.2	63641.0	-6404.0
594	9.4	63642.5	-6433.0
595	9.1	63646.0	-6456.0
596	9.5	63703.5	-6441.2
597	9.4	63745.0	-6431.8
598	9.7	63802.5	-6412.8
599	10.0	63823.0	-6445.8
600	9.7	63840.5	-6453.8
601	9.3	63856.0	-6420.0
602	9.5	64019.0	-6446.4
603	9.8	64028.0	-6451.6
604	8.4	64033.0	-6414.1
605	8.4	64101.0	-6429.6
606	10.0	64103.0	-6445.8
607	9.8	64117.0	-6425.1
608	8.2	64127.0	-6423.8
609	9.8	64130.0	-6451.0
610	9.3	64139.5	-6454.2
611	9.5	64146.5	-6444.3
612	9.3	64259.5	-6459.2
613	9.5	64302.5	-6439.0
614	10.0	64306.0	-6407.4
615	9.3	64344.5	-6430.8
616	8.8	64402.5	-6431.0
617	9.8	64443.5	-6409.8
618	8.4	64452.5	-6454.5
619	9.5	64453.0	-6408.0
620	9.5	64456.5	-6443.4
621	10.0	64515.0	-6412.0
622	9.3	64633.5	-6411.6
623	8.8	64642.5	-6456.9
624	10.0	64919.0	-6412.4
625	10.0	65003.0	-6427.3
626	9.6	65028.5	-6408.0
627	9.6	65141.5	-6405.0
628	9.7	65149.0	-6456.2
629	9.2	65202.0	-6433.0
630	9.8	65212.0	-6405.3
631	9.2	65316.0	-6427.5
632	10.0	65333.5	-6420.4
633	10.0	65433.0	-6428.4
634	9.2	65443.5	-6411.0
635	9.5	65501.5	-6419.8
636	9.5	65503.0	-6412.2
637	8.8	65515.5	-6449.9
638	8.8	65551.0	-6424.4
639	9.5	65632.5	-6446.8
640	8.9	65633.2	-6457.9
641	9.6	65702.5	-6425.1
642	9.0	65709.0	-6440.8
643	10.0	65721.0	-6443.0
644	9.1	65732.0	-6410.3
645	9.3	65806.0	-6436.6
646	9.0	65829.0	-6431.0
647	9.6	65852.0	-6413.6
648	9.4	65908.3	-6438.0
649	9.3	65928.2	-6433.4
650	9.5	65940.5	-6423.6
651	9.6	65947.0	-6411.9
652	9.7	70012.5	-6429.0
653	9.7	70016.0	-6419.2
654	9.7	70021.0	-6451.8
655	9.6	70041.0	-6404.8
656	9.3	70229.5	-6447.0
657	9.7	70307.0	-6428.0
658	9.7	70310.5	-6410.8
659	9.7	70313.5	-6454.0
660	7.8	70319.5	-6418.0
661	9.5	70348.5	-6458.8
662	9.1	70430.5	-6403.0
663	8.9	70440.0	-6405.0
664	9.3	70501.0	-6406.8
665	9.6	70515.5	-6444.8
666	9.5	70551.0	-6407.2
667	9.7	70609.0	-6442.6
668	9.0	70612.0	-6431.8
669	9.6	70637.5	-6453.0
670	9.6	70650.0	-6413.6
671	9.7	70735.0	-6450.0
672	9.7	70742.0	-6402.0
673	9.2	70816.0	-6415.8
674	9.4	70829.0	-6432.2
675	9.1	70840.0	-6415.0
676	9.1	70854.0	-6452.2
677	7.9	70918.5	-6415.0
678	9.6	70950.0	-6446.2
679	9.5	71046.5	-6444.0
680	9.7	71048.5	-6447.1
681	9.7	71057.5	-6458.8
682	8.9	71139.0	-6426.8
683	9.4	71155.5	-6429.8
684	9.4	71156.0	-6447.2
685	9.7	71220.0	-6405.6
686	7.3	71229.0	-6439.4
687	9.7	71242.0	-6402.0
688	8.8	71358.0	-6443.4
689	8.8	71408.0	-6447.7
690	9.2	71409.0	-6404.6
691	9.7	71450.0	-6409.1
692	8.9	71506.0	-6425.0
693	9.7	71506.5	-6409.6
694	9.3	71549.0	-6456.4
695	9.3	71607.5	-6429.0
696	9.6	71632.0	-6440.4
697	9.7	71632.0	-6422.4
698	9.0	71704.3	-6459.2
699	9.7	71710.5	-6427.4
700	9.3	71723.0	-6436.3
701	9.3	71748.0	-6426.1
702	9.6	71812.5	-6430.4
703	9.3	71814.0	-6439.2
704	9.1	71817.0	-6459.7
705	9.2	71830.5	-6441.7
706	9.7	71842.5	-6432.1
707	9.7	71932.5	-6457.9
708	9.7	72018.5	-6434.1
709	8.9	72159.0	-6423.1
710	9.1	72203.5	-6433.0
711	8.1	72230.5	-6426.7
712	9.1	72230.5	-6448.8
713	9.1	72254.0	-6445.9
714	9.6	72343.5	-6413.8
715	9.7	72434.0	-6415.1
716	9.7	72444.5	-6408.7
717	9.7	72537.0	-6447.3
718	8.8	72648.5	-6406.1
719	9.7	72659.0	-6437.4
720	8.7	72738.0	-6422.5
721	8.1	72749.5	-6414.9
722	8.8	72751.5	-6430.9
723	8.8	72755.5	-6406.1
724	9.7	72802.5	-6459.1
725	8.9	72814.5	-6424.7
726	9.7	72902.0	-6408.9
727	9.7	72933.5	-6417.3
728	8.0	73020.5	-6406.3
729	9.7	73127.5	-6406.8
730	9.3	73212.0	-6429.5
731	9.7	73337.0	-6440.0
732	8.8	73359.0	-6431.6
733	9.1	73427.5	-6457.8
734	9.1	73535.0	-6427.8

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735	9.7	73619.5	-6424.0
736	8.8	73744.8	-6401.3
737	9.7	73848.0	-6435.0
738	8.7	73912.7	-6411.5
739	9.1	73922.0	-6401.9
740	9.6	73931.5	-6416.9
741	9.1	74105.2	-6408.5
742	9.1	74148.0	-6402.2
743	9.7	74210.0	-6452.3
744	9.3	74221.0	-6449.0
745	9.4	74221.5	-6459.7
746	9.1	74245.0	-6419.1
747	9.7	74252.0	-6446.6
748	9.6	74341.5	-6442.5
749	9.3	74408.5	-6417.2
750	9.7	74430.0	-6427.0
751	8.9	74441.0	-6405.8
752	9.6	74500.0	-6408.6
753	9.7	74558.0	-6449.8
754	9.6	74711.0	-6438.4
755	9.4	74714.5	-6442.9
756	9.3	74722.0	-6438.1
757	8.3	74724.5	-6430.4
758	8.9	74731.5	-6445.7
759	9.7	74922.0	-6404.6
760	9.4	75020.0	-6425.0
761	9.7	75037.0	-6458.6
762	9.0	75105.0	-6458.1
763	9.6	75117.0	-6421.4
764	9.4	75121.0	-6442.1
765	9.7	75124.0	-6442.6
766	9.3	75137.5	-6401.7
767	9.2	75137.5	-6408.7
768	9.4	75141.5	-6415.7
769	8.9	75143.5	-6442.2
770	9.1	75149.5	-6430.7
771	9.1	75151.5	-6404.8
772	9.1	75154.0	-6457.1
773	8.8	75200.0	-6422.2
774	9.7	75219.5	-6453.2
775	9.7	75222.0	-6458.0
776	8.5	75302.0	-6436.6
777	9.7	75302.0	-6427.9
778	9.5	75317.5	-6457.3
779	9.2	75334.5	-6442.9
780	9.4	75342.0	-6444.9
781	9.4	75356.5	-6440.7
782	9.7	75401.5	-6410.8
783	9.4	75430.5	-6428.1
784	8.8	75433.0	-6422.6
785	8.9	75441.7	-6457.0
786	9.6	75450.5	-6436.5
787	9.4	75506.0	-6419.2
788	9.0	75604.0	-6423.2
789	9.7	75618.0	-6431.7
790	9.4	75634.0	-6425.2
791	9.7	75647.5	-6416.3
792	9.0	75712.3	-6401.2
793	8.7	75712.5	-6440.1
794	8.2	75727.0	-6412.1
795	9.1	75735.0	-6446.0
796	9.5	75752.5	-6423.8
797	9.1	75757.5	-6413.8
798	9.7	75838.5	-6419.0
799	9.7	75843.0	-6418.3
800	8.9	75858.5	-6418.0
801	8.3	75906.0	-6429.7
802	9.4	75908.5	-6457.1
803	9.6	75912.0	-6428.6
804	9.7	75928.7	-6400.6
805	9.6	75958.0	-6452.0
806	9.7	80002.5	-6440.6
807	9.0	80014.5	-6458.0
808	9.7	80032.0	-6407.1
809	9.7	80100.5	-6418.1
810	9.1	80121.0	-6425.1
811	8.7	80149.5	-6458.2
812	9.7	80210.5	-6410.1
813	9.7	80217.5	-6408.4
814	9.7	80220.5	-6432.2
815	8.1	80226.0	-6416.4
816	9.4	80338.5	-6452.7
817	9.0	80406.0	-6414.6
818	9.4	80434.0	-6446.2
819	8.0	80435.3	-6401.0
820	8.3	80439.5	-6442.3
821	9.4	80449.0	-6438.5
822	9.4	80548.0	-6413.7
823	9.4	80609.0	-6418.3
824	9.7	80619.5	-6418.1

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-64 1184 10h02m

825	9.1	80640.0	-6427.2	915	9.2	83222.5	-6423.8	1005	9.4	90452.5	-6409.6
826	9.7	80728.0	-6416.0	916	10.0	83314.5	-6447.7	1006	9.4	90605.5	-6410.2
827	9.7	80731.5	-6450.3	917	10.0	83358.5	-6413.6	1007	9.4	90608.0	-6417.0
828	8.3	80746.0	-6424.3	918	8.6	83405.0	-6449.1	1008	8.0	90750.0	-6458.9
829	9.3	80827.5	-6420.4	919	7.9	83418.5	-6422.7	1009	9.2	90849.5	-6406.0
830	9.4	80829.5	-6421.1	920	7.6	83427.5	-6413.3	1010	9.3	90907.0	-6420.0
831	9.5	80852.5	-6419.5	921	9.5	83430.5	-6404.0	1011	8.2	90927.5	-6440.7
832	8.7	80940.5	-6408.0	922	10.0	83515.5	-6401.0	1012	20.0	90936.0	-6420.8
833	9.4	81002.0	-6435.2	923	9.6	83620.5	-6415.4	1013	9.5	91001.5	-6436.3
834	9.6	81028.5	-6425.3	924	9.3	83621.7	-6400.2	1014	9.4	91001.5	-6403.5
835	9.4	81054.2	-6457.1	925	8.1	83717.5	-6431.5	1015	9.5	91021.5	-6446.9
836	8.9	81147.0	-6435.1	926	10.0	83805.0	-6421.0	1016	9.5	91124.5	-6400.4
837	9.4	81212.7	-6457.7	927	8.0	83824.5	-6423.6	1017	8.2	91155.5	-6432.1
838	9.5	81255.5	-6433.1	928	8.9	83842.5	-6420.8	1018	9.5	91208.0	-6400.9
839	9.5	81343.0	-6425.1	929	9.1	83910.5	-6409.3	1019	9.5	91311.5	-6442.0
840	8.8	81415.5	-6406.1	930	10.0	83934.5	-6447.2	1020	9.3	91428.5	-6408.8
841	9.7	81423.5	-6453.3	931	8.2	84032.0	-6447.3	1021	9.2	91508.5	-6418.6
842	8.5	81439.5	-6407.2	932	9.4	84100.5	-6416.6	1022	8.6	91550.0	-6454.2
843	7.7	81509.5	-6400.9	933	8.4	84130.5	-6429.0	1023	9.5	91817.0	-6431.3
844	9.7	81512.0	-6415.8	934	8.7	84325.0	-6443.3	1024	8.8	91857.5	-6406.0
845	9.7	81523.0	-6443.3	935	10.0	84326.0	-6406.0	1025	9.5	91909.0	-6459.9
846	9.7	81624.5	-6448.7	936	9.7	84334.5	-6430.8	1026	9.5	91928.5	-6413.2
847	9.0	81631.5	-6456.1	937	9.8	84341.0	-6452.1	1027	9.3	92023.5	-6407.0
848	9.7	81703.5	-6430.2	938	9.6	84341.5	-6432.0	1028	8.8	92028.0	-6459.4
849	9.7	81720.5	-6410.3	939	9.7	84347.5	-6412.9	1029	9.4	92041.5	-6414.6
850	8.5	81732.0	-6453.1	940	9.6	84402.0	-6434.2	1030	9.2	92049.5	-6429.7
851	9.7	81745.5	-6406.1	941	9.2	84501.5	-6447.0	1031	9.1	92204.0	-6429.7
852	8.5	81807.5	-6424.7	942	8.3	84514.5	-6428.8	1032	7.8	92212.5	-6410.2
853	9.7	81815.0	-6430.9	943	9.8	84523.5	-6400.9	1033	9.2	92218.0	-6405.1
854	9.0	81848.7	-6406.5	944	10.0	84538.5	-6428.0	1034	7.2	92239.0	-6443.8
855	9.6	81901.8	-6405.8	945	10.0	84541.5	-6403.0	1035	9.4	92247.0	-6448.7
856	9.7	81911.5	-6409.0	946	8.1	84628.0	-6458.0	1036	9.5	92302.0	-6437.1
857	10.0	81915.5	-6403.6	947	8.9	84641.5	-6444.7	1037	6.6	92402.0	-6423.3
858	9.5	81921.5	-6439.9	948	9.7	84657.5	-6452.2	1038	9.1	92625.0	-6405.2
859	10.0	81930.5	-6441.5	949	8.9	84701.0	-6451.9	1039	9.2	92631.5	-6458.4
860	9.3	82018.5	-6416.9	950	9.4	84708.5	-6440.0	1040	9.5	92702.0	-6437.8
861	9.6	82047.0	-6403.5	951	8.1	84712.0	-6419.9	1041	9.5	92705.5	-6420.5
862	10.0	82050.5	-6403.7	952	8.5	84723.2	-6400.2	1042	8.6	92939.0	-6456.4
863	9.2	82054.5	-6433.0	953	9.1	84739.5	-6416.8	1043	8.9	92946.5	-6449.4
864	10.0	82142.5	-6402.3	954	9.1	84802.5	-6438.1	1044	9.5	93110.5	-6442.6
865	9.0	82151.5	-6446.9	955	9.5	84809.5	-6435.1	1045	8.1	93204.0	-6426.4
866	9.6	82153.5	-6429.1	956	10.0	84820.8	-6400.2	1046	9.4	93232.0	-6439.3
867	9.2	82245.0	-6437.7	957	8.7	84828.5	-6418.1	1047	9.5	93234.5	-6442.5
868	9.6	82251.0	-6445.0	958	8.1	84851.5	-6435.2	1048	9.5	93240.5	-6433.5
869	10.0	82255.0	-6404.8	959	9.1	84908.5	-6411.0	1049	7.0	93311.0	-6423.5
870	10.0	82305.5	-6403.3	960	9.5	84912.0	-6429.9	1050	8.4	93430.0	-6435.0
871	10.0	82309.7	-6457.5	961	9.6	84928.5	-6445.2	1051	8.9	93557.0	-6425.6
872	9.8	82314.5	-6420.6	962	10.0	84951.0	-6446.7	1052	9.4	93645.5	-6425.7
873	9.8	82348.5	-6419.1	963	8.6	85022.0	-6417.0	1053	8.2	93736.0	-6431.8
874	9.2	82349.5	-6431.0	964	9.6	85033.0	-6455.4	1054	9.5	93827.0	-6405.8
875	10.0	82359.5	-6442.9	965	9.6	85046.5	-6401.9	1055	9.8	93836.5	-6404.9
876	8.9	82404.7	-6402.3	966	9.2	85056.0	-6459.8	1056	9.6	93848.5	-6453.5
877	10.0	82405.5	-6405.0	967	9.7	85212.0	-6436.3	1057	9.9	93908.5	-6406.8
878	7.2	82409.0	-6411.4	968	10.0	85227.5	-6430.9	1058	9.5	93911.5	-6445.8
879	9.9	82415.7	-6400.1	969	10.0	85238.5	-6402.1	1059	9.5	93911.5	-6412.9
880	10.0	82435.0	-6418.1	970	10.0	85344.5	-6449.1	1060	9.9	93931.5	-6455.1
881	9.3	82439.0	-6426.6	971	8.8	85356.5	-6410.9	1061	9.1	93943.0	-6456.2
882	9.6	82445.7	-6400.2	972	8.6	85406.0	-6404.6	1062	9.9	93954.5	-6413.6
883	9.2	82508.0	-6413.8	973	9.8	85437.5	-6457.0	1063	9.2	94007.7	-6403.5
884	10.0	82514.0	-6452.0	974	8.2	85437.5	-6432.3	1064	9.9	94010.5	-6418.1
885	9.5	82519.5	-6449.5	975	9.7	85512.0	-6454.0	1065	9.4	94022.0	-6441.0
886	9.6	82527.0	-6402.8	976	8.9	85528.0	-6448.0	1066	9.4	94026.7	-6420.1
887	9.6	82531.5	-6440.0	977	9.8	85601.5	-6402.0	1067	9.9	94028.0	-6401.1
888	9.2	82545.0	-6417.9	978	7.3	85630.0	-6402.8	1068	9.9	94059.2	-6459.0
889	10.0	82548.5	-6437.8	979	8.6	85631.0	-6415.0	1069	9.9	94107.0	-6458.9
890	9.2	82551.5	-6420.7	980	10.0	85756.5	-6424.6	1070	9.6	94112.5	-6435.1
891	10.0	82626.0	-6435.9	981	10.0	85824.5	-6435.2	1071	9.4	94115.5	-6451.1
892	10.0	82626.5	-6411.0	982	9.8	85827.3	-6452.0	1072	9.6	94119.5	-6416.3
893	9.9	82658.0	-6407.7	983	10.0	85856.6	-6408.5	1073	9.9	94123.5	-6436.4
894	9.0	82658.5	-6428.6	984	8.3	85904.5	-6425.9	1074	9.9	94143.5	-6403.5
895	9.9	82709.3	-6403.0	985	8.2	85935.8	-6418.4	1075	9.5	94147.0	-6414.9
896	10.0	82745.0	-6447.1	986	9.7	85943.1	-6410.9	1076	9.0	94148.0	-6404.8
897	9.8	82808.5	-6436.0	987	10.0	90000.8	-6414.6	1077	9.6	94149.5	-6406.8
898	10.0	82820.5	-6436.9	988	9.4	90001.0	-6425.8	1078	9.0	94150.5	-6414.1
899	9.4	82829.5	-6442.3	989	9.4	90015.5	-6446.0	1079	9.6	94159.0	-6436.2
900	9.1	82842.0	-6456.8	990	9.5	90041.5	-6422.6	1080	9.1	94249.5	-6421.9
901	9.1	82854.0	-6433.9	991	9.2	90053.5	-6430.1	1081	9.0	94325.5	-6410.9
902	9.7	82901.0	-6422.8	992	9.3	90100.0	-6410.2	1082	9.8	94335.5	-6403.5
903	9.8	82914.0	-6424.0	993	7.5	90130.0	-6411.3	1083	9.9	94343.5	-6405.1
904	10.0	82923.0	-6432.0	994	9.5	90145.5	-6414.1	1084	4.6	94357.5	-6429.5
905	8.8	82940.0	-6423.2	995	9.4	90209.5	-6433.7	1085	9.4	94413.0	-6407.1
906	8.4	83011.5	-6426.8	996	9.1	90226.0	-6450.4	1086	9.9	94416.5	-6437.4
907	10.0	83015.0	-6400.0	997	9.5	90243.0	-6451.8	1087	9.2	94441.0	-6432.3
908	9.8	83047.5	-6451.2	998	8.9	90259.0	-6421.7	1088	8.9	94443.0	-6432.3
909	9.1	83103.5	-6442.9	999	9.5	90301.5	-6452.9	1089	9.9	94451.0	-6411.9
910	9.8	83110.5	-6445.2	1000	9.0	90316.0	-6427.1	1090	9.9	94451.5	-6410.8
911	9.5	83112.0	-6410.0	1001	9.1	90322.0	-6426.9	1091	9.5	94502.5	-6420.9
912	9.5	83132.0	-6450.8	1002	8.9	90355.5	-6441.2	1092	9.6	94508.5	-6402.0
913	10.0	83203.0	-6447.4	1003	9.0	90418.5	-6425.5	1093	9.8	94545.0	-6439.3
914	9.8	83218.0	-6409.2	1004	8.6	90449.8	-6459.3	1094	9.6	94546.0	-6429.7
1095	9.6	94550.5	-6439.3
1096	9.5	94552.0	-6445.0
1097	9.9	94555.0	-6441.9
1098	9.8	94557.0	-6412.3
1099	9.7	94559.5	-6441.5
1100	9.9	94602.5	-6440.1
1101	9.9	94609.5	-6440.1
1102	9.7	94610.5	-6400.7
1103	9.4	94615.5	-6410.1
1104	9.2	94638.5	-6423.7
1105	9.2	94655.5	-6435.3
1106	9.7	94711.5	-6425.7
1107	8.1	94740.0	-6451.6
1108	9.9	94800.0	-6427.8
1109	9.6	94803.0	-6456.0
1110	9.4	94832.5	-6427.0
1111	9.6	94848.5	-6402.2
1112	9.4	94904.5	-6440.9
1113	9.9	94922.5	-6426.2
1114	9.6	94934.0	-6427.4
1115	9.6	94935.5	-6437.0
1116	9.4	94947.0	-6431.0
1117	9.2	95024.0	-6430.6
1118	9.0	95032.5	-6424.8
1119	9.2	95045.0	-6405.0
1120	9.2	95100.5	-6442.6
1121	9.0	95142.0	-6428.8
1122	9.5	95151.5	-6430.0
1123	9.6	95200.0	-6451.0
1124	9.4	95204.5	-6442.6
1125	9.3	95238.0	-6436.9
1126	9.3	95242.0	-6436.2
1127	9.3	95250.5	-6445.6
1128	9.0	95251.5	-6403.0
1129	9.9	95255.5	-6444.8
1130	9.9	95315.0	-6408.2
1131	9.9	95339.0	-6442.0
1132	9.9	95412.5	-6413.4
1133	9.0	95429.5	-6409.9
1134	9.6	95437.5	-6421.7
1135	9.5	95451.5	-6459.0
1136	9.4	95452.5	-6410.0
1137	9.8	95457.5	-6423.0
1138	9.5	95507.0	-6453.4
1139	9.9	95507.5	-6418.5
1140	8.8	95518.0	-6449.5
1141	8.8	95526.0	-6403.5
1142	9.6	95526.5	-6411.[illegible]
1143	9.5	95558.0	-6443.[illegible]
1144	9.9	95559.5	-6435.[illegible]
1145	9.9	95604.0	-6407.[illegible]
1146	9.9	95606.5	-6424.[illegible]
1147	9.6	95642.5	-6413.[illegible]
1148	9.9	95720.5	-6446.0
1149	9.6	95752.5	-6418.2
1150	9.9	95754.5	-6409.8
1151	9.9	95758.0	-6409.8
1152	9.2	95800.0	-6446.4
1153	9.5	95809.5	-6408.8
1154	9.4	95810.5	-6455.3
1155	9.6	95823.5	-6453.6
1156	9.9	95853.0	-6445.4
1157	9.2	95925.5	-6446.2
1158	9.9	95928.0	-6401.0
1159	9.5	95935.5	-6413.0
1160	9.2	95943.5	-6447.0
1161	9.0	100006.5	-6409.8
1162	9.3	100008.0	-6410.2
1163	9.9	100013.5	-6432.0
1164	9.9	100014.5	-6419.2
1165	9.7	100018.5	-6410.8
1166	9.0	100022.5	-6408.3
1167	9.9	100022.5	-6437.8
1168	7.1	100100.8	-6402.5
1169	9.4	100109.5	-6441.2
1170	9.2	100115.5	-6419.9
1171	9.6	100115.5	-6424.0
1172	9.9	100119.5	-6404.9
1173	9.9	100123.5	-6402.7
1174	9.9	100138.5	-6434.6
1175	9.6	100139.0	-6405.6
1176	9.9	100139.0	-6410.0
1177	9.0	100139.5	-6404.1
1178	9.6	100150.5	-6451.8
1179	9.8	100207.5	-6440.7
1180	9.9	100223.5	-6422.0
1181	8.2	100225.0	-6437.6
1182	9.9	100226.0	-6402.7
1183	9.9	100232.0	-6404.4
1184	9.9	100255.5	-6400.3

1185	9.2	100258.0	-6417.0	1275	9.8	102038.7	-6416.0	1365	9.1	103243.0	-6433.5
1186	9.9	100312.5	-6403.0	1276	9.9	102046.7	-6427.7	1366	9.2	103247.5	-6451.1
1187	9.4	100423.5	-6436.8	1277	9.4	102047.0	-6423.9	1367	9.7	103252.2	-6457.9
1188	9.9	100430.5	-6402.2	1278	9.2	102050.8	-6401.6	1368	9.9	103305.5	-6431.8
1189	9.4	100446.5	-6438.8	1279	9.9	102055.0	-6427.5	1369	9.9	103313.5	-6412.7
1190	7.4	100509.5	-6453.8	1280	9.4	102056.7	-6440.9	1370	9.0	103319.5	-6443.3
1191	9.4	100526.5	-6407.7	1281	9.8	102100.7	-6406.0	1371	9.2	103335.5	-6426.0
1192	9.2	100538.0	-6404.6	1282	9.2	102117.0	-6416.2	1372	9.4	103349.5	-6424.8
1193	9.6	100550.5	-6440.8	1283	9.3	102125.5	-6410.9	1373	9.7	103353.0	-6431.4
1194	9.2	100600.5	-6434.0	1284	9.5	102130.0	-6438.1	1374	7.2	103401.0	-6423.5
1195	9.4	100611.5	-6411.8	1285	9.0	102133.0	-6425.9	1375	9.5	103408.0	-6458.3
1196	9.9	100613.5	-6418.3	1286	9.9	102137.0	-6403.1	1376	9.9	103415.5	-6413.3
1197	9.8	100615.5	-6446.0	1287	9.9	102205.5	-6422.0	1377	9.9	103418.3	-6457.1
1198	8.4	100618.5	-6432.0	1288	9.5	102206.0	-6411.9	1378	9.5	103420.0	-6433.3
1199	9.4	100621.0	-6454.0	1289	9.8	102221.0	-6407.9	1379	9.5	103422.5	-6438.5
1200	9.7	100630.0	-6433.1	1290	8.0	102223.0	-6413.1	1380	9.8	103423.5	-6425.2
1201	9.6	100740.5	-6453.6	1291	9.9	102226.7	-6428.5	1381	9.8	103429.0	-6408.3
1202	9.6	100740.8	-6402.0	1292	9.5	102229.5	-6447.1	1382	9.8	103436.5	-6441.1
1203	9.9	100742.0	-6453.1	1293	9.1	102235.5	-6409.7	1383	8.0	103444.0	-6419.3
1204	9.0	100746.5	-6423.0	1294	9.7	102238.5	-6402.2	1384	9.6	103444.0	-6440.8
1205	9.9	100755.5	-6440.8	1295	9.8	102246.5	-6410.4	1385	9.5	103448.5	-6406.5
1206	9.5	100833.0	-6444.7	1296	9.6	102300.5	-6411.5	1386	9.9	103452.5	-6436.1
1207	9.9	100834.5	-6453.0	1297	9.8	102302.0	-6455.7	1387	9.8	103459.0	-6440.3
1208	9.8	100839.0	-6458.6	1298	9.6	102302.7	-6438.0	1388	9.9	103502.0	-6419.1
1209	8.8	100853.5	-6414.2	1299	8.3	102310.0	-6424.1	1389	9.8	103502.0	-6451.1
1210	9.4	100903.5	-6402.0	1300	8.9	102325.5	-6412.6	1390	9.3	103509.5	-6415.8
1211	9.4	100905.0	-6412.6	1301	9.4	102346.5	-6430.5	1391	9.7	103510.0	-6420.1
1212	7.2	100916.5	-6432.8	1302	9.8	102351.5	-6458.1	1392	9.9	103510.5	-6418.8
1213	9.9	100917.0	-6419.2	1303	8.6	102353.0	-6416.2	1393	9.4	103511.5	-6435.9
1214	9.2	100956.5	-6429.9	1304	9.2	102354.5	-6449.3	1394	8.9	103512.0	-6425.9
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1217	9.6	101005.0	-6450.8	1307	9.2	102429.0	-6446.1	1397	9.4	103516.5	-6445.9
1218	9.5	101011.5	-6424.8	1308	9.5	102430.7	-6426.3	1398	9.8	103522.0	-6441.9
1219	9.9	101012.0	-6417.0	1309	9.7	102451.5	-6445.9	1399	9.2	103524.0	-6414.9
1220	9.5	101017.0	-6443.3	1310	8.6	102459.0	-6432.2	1400	9.6	103529.5	-6403.5
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1223	9.9	101109.5	-6447.0	1313	9.7	102550.5	-6413.0	1403	5.7	103550.5	-6427.0
1224	9.4	101120.5	-6404.2	1314	9.6	102611.0	-6422.3	1404	9.6	103552.5	-6445.1
1225	9.0	101121.0	-6427.5	1315	9.4	102615.0	-6412.5	1405	9.8	103600.5	-6425.0
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1228	9.2	101142.0	-6406.6	1318	9.1	102709.0	-6437.8	1408	7.3	103619.5	-6400.1
1229	9.5	101222.5	-6454.2	1319	9.8	102721.0	-6433.4	1409	9.6	103626.5	-6416.6
1230	9.7	101227.5	-6413.0	1320	9.1	102723.0	-6440.7	1410	9.6	103633.0	-6451.3
1231	9.9	101231.5	-6454.6	1321	9.8	102724.0	-6442.2	1411	9.8	103638.5	-6429.5
1232	9.2	101233.5	-6414.2	1322	9.8	102736.5	-6436.5	1412	9.4	103640.5	-6449.1
1233	9.6	101241.5	-6403.7	1323	9.3	102743.0	-6421.5	1413	9.6	103651.0	-6429.7
1234	8.7	101248.0	-6455.0	1324	9.8	102753.0	-6422.1	1414	9.8	103656.5	-6420.2
1235	9.9	101313.0	-6419.6	1325	9.8	102806.5	-6446.1	1415	9.6	103659.5	-6441.1
1236	9.5	101330.5	-6423.8	1326	9.9	102809.5	-6445.8	1416	9.6	103701.5	-6426.9
1237	9.9	101344.5	-6425.7	1327	9.7	102818.2	-6401.1	1417	9.8	103703.5	-6417.1
1238	7.5	101346.0	-6448.3	1328	9.9	102825.5	-6408.3	1418	9.5	103712.5	-6427.0
1239	9.9	101349.5	-6415.4	1329	9.4	102833.0	-6406.1	1419	9.6	103725.5	-6425.3
1240	9.4	101350.0	-6434.0	1330	9.3	102833.0	-6404.7	1420	9.4	103726.0	-6432.3
1241	9.6	101412.0	-6441.0	1331	9.6	102833.5	-6416.1	1421	9.8	103729.5	-6430.6
1242	9.9	101428.0	-6459.9	1332	9.6	102834.0	-6441.4	1422	9.4	103730.5	-6419.1
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1244	8.7	101503.0	-6445.9	1334	9.7	102841.0	-6426.1	1424	9.8	103735.5	-6427.5
1245	9.7	101505.5	-6424.8	1335	9.4	102849.5	-6443.8	1425	9.6	103739.5	-6425.9
1246	9.4	101506.0	-6401.8	1336	9.2	102853.5	-6404.9	1426	9.7	103742.5	-6427.9
1247	9.9	101511.5	-6433.0	1337	9.5	102855.0	-6443.1	1427	9.7	103743.0	-6441.7
1248	6.0	101512.0	-6403.0	1338	9.6	102904.5	-6454.1	1428	9.9	103743.0	-6406.9
1249	9.9	101528.0	-6442.1	1339	8.2	102920.0	-6443.3	1429	9.9	103743.5	-6443.8
1250	8.2	101551.5	-6430.4	1340	8.7	102923.5	-6423.8	1430	9.8	103748.5	-6424.0
1251	9.7	101648.5	-6441.5	1341	9.9	102951.5	-6406.3	1431	9.8	103750.0	-6425.1
1252	7.5	101725.0	-6434.0	1342	8.8	102957.0	-6445.2	1432	9.8	103750.5	-6424.1
1253	9.5	101735.7	-6402.0	1343	9.9	102957.0	-6437.7	1433	9.9	103752.5	-6427.4
1254	9.6	101752.5	-6456.2	1344	9.9	103000.0	-6456.5	1434	9.8	103802.0	-6424.1
1255	9.9	101754.0	-6455.0	1345	9.2	103002.5	-6434.8	1435	9.7	103803.0	-6424.5
1256	9.9	101759.5	-6451.8	1346	9.8	103003.5	-6419.4	1436	9.8	103803.5	-6425.9
1257	9.0	101819.0	-6455.8	1347	9.9	103005.0	-6457.8	1437	9.2	103811.0	-6403.1
1258	9.6	101832.0	-6452.8	1348	9.7	103013.0	-6455.9	1438	9.7	103812.0	-6421.1
1259	9.8	101854.5	-6417.0	1349	9.9	103018.0	-6447.1	1439	7.9	103812.5	-6401.5
1260	9.7	101909.5	-6434.2	1350	8.6	103019.5	-6441.1	1440	9.6	103815.5	-6427.0
1261	9.8	101939.5	-6422.3	1351	9.9	103035.5	-6436.1	1441	9.6	103825.0	-6425.0
1262	8.9	101940.5	-6423.8	1352	9.9	103036.5	-6423.7	1442	9.9	103825.5	-6433.1
1263	9.8	101941.5	-6451.7	1353	9.0	103040.0	-6415.1	1443	8.9	103826.0	-6432.3
1264	9.8	101941.5	-6451.1	1354	8.6	103041.0	-6433.2	1444	9.9	103830.5	-6427.0
1265	9.8	101946.5	-6408.3	1355	9.8	103046.5	-6439.2	1445	9.9	103833.0	-6431.2
1266	9.9	101951.5	-6450.1	1356	9.8	103102.5	-6431.1	1446	9.6	103838.0	-6459.1
1267	9.6	101956.0	-6404.5	1357	9.8	103120.5	-6430.1	1447	9.8	103839.5	-6451.1
1268	8.8	102009.0	-6410.9	1358	9.9	103121.0	-6423.3	1448	9.9	103842.5	-6401.3
1269	9.8	102013.7	-6422.9	1359	9.6	103217.0	-6431.1	1449	9.8	103844.0	-6428.2
1270	9.4	102014.2	-6419.5	1360	9.9	103220.0	-6418.1	1450	9.2	103906.5	-6445.7
1271	9.6	102015.3	-6400.9	1361	9.9	103221.5	-6415.5	1451	9.8	103906.5	-6427.0
1272	9.7	102020.5	-6454.9	1362	9.6	103222.5	-6438.9	1452	8.8	103916.5	-6449.3
1273	8.7	102026.5	-6435.7	1363	9.2	103233.0	-6426.0	1453	9.8	103929.5	-6418.1
1274	9.8	102028.7	-6449.4	1364	9.6	103234.0	-6435.9	1454	9.6	103930.0	-6408.1
1455	9.8	103936.5	-6442.3								
1456	8.8	103941.0	-6401.2								
1457	9.6	103943.0	-6442.0								
1458	9.7	103947.0	-6407.1								
1459	9.5	103952.5	-6405.1								
1460	9.6	104004.0	-6426.8								
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1463	9.9	104031.5	-6405.7								
1464	9.6	104032.5	-6422.8								
1465	9.0	104042.0	-6412.9								
1466	9.7	104044.0	-6456.2								
1467	9.9	104101.0	-6415.5								
1468	9.9	104103.5	-6415.5								
1469	8.1	104105.0	-6402.9								
1470	9.4	104112.5	-6407.0								
1471	9.8	104113.0	-6402.2								
1472	9.2	104120.0	-6421.1								
1473	9.6	104127.5	-6440.2								
1474	9.6	104138.0	-6456.0								
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1478	9.6	104206.5	-6447.7								
1479	9.6	104213.0	-6448.9								
1480	9.8	104220.0	-6414.0								
1481	9.5	104223.5	-6414.7								
1482	9.8	104302.5	-6441.9								
1483	9.6	104329.0	-6444.1								
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1487	9.4	104350.5	-6448.2								
1488	9.9	104400.5	-6446.2								
1489	9.8	104412.5	-6413.8								
1490	9.9	104422.5	-6406.1								
1491	9.6	104425.5	-6456.4								
1492	9.7	104428.0	-6450.7								
1493	9.5	104431.5	-6452.2								
1494	9.7	104445.5	-6414.4								
1495	9.9	104502.5	-6428.1								
1496	9.2	104503.5	-6407.3								
1497	9.9	104509.0	-6456.5								
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1501	9.9	104602.5	-6427.1								
1502	9.6	104619.0	-6418.7								
1503	9.4	104627.0	-6428.1								
1504	9.9	104640.5	-6433.2								
1505	9.6	104701.0	-6401.2								
1506	9.7	104706.5	-6446.2								
1507	9.7	104710.0	-6441.2								
1508	9.9	104711.0	-6456.0								
1509	9.5	104731.5	-6445.8								
1510	9.0	104737.5	-6454.3								
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1512	9.7	104741.5	-6451.1								
1513	9.4	104741.5	-6443.8								
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1516	9.7	104754.0	-6426.3								
1517	9.8	104802.0	-6457.0								
1518	9.6	104802.5	-6455.1								
1519	9.2	104810.0	-6443.0								
1520	9.6	104810.0	-6435.3								
1521	9.8	104814.0	-6402.3								
1522	9.6	104822.5	-6411.9								
1523	9.0	104844.5	-6408.5								
1524	9.9	104847.5	-6431.0								
1525	9.5	104848.0	-6415.6								
1526	9.1	104851.5	-6456.1								
1527	9.8	104855.5	-6400.5								
1528	9.9	104900.5	-6455.1								
1529	9.3	104904.0	-6413.9								
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1531	9.5	104909.5	-6418.1								
1532	9.6	104909.5	-6406.7								
1533	9.8	104912.5	-6443.2								
1534	9.8	104918.5	-6406.5								
1535	9.5	104921.5	-6400.7								
1536	9.7	104922.5	-6458.1								
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1539	9.7	104932.5	-6407.1								
1540	9.6	104938.0	-6436.1								
1541	9.8	104940.0	-6451.6								
1542	9.9	104947.5	-6401.9								
1543	9.4	104949.3	-6402.3								
1544	9.4	104955.0	-6432.5								

-64 1545 10h50m

-64 1904 12h18m

1545	9.2	105005.5	-6459.3	1635	9.4	110551.0	-6438.1	1725	9.7	114610.5	-6442.5	1815	8.2	120507.5	-6415.0
1546	9.6	105020.5	-6429.3	1636	8.6	110553.0	-6444.5	1726	9.5	114631.0	-6433.0	1816	9.9	120513.0	-6400.0
1547	9.7	105029.5	-6425.9	1637	9.5	110619.0	-6410.0	1727	9.6	114639.0	-6434.4	1817	8.9	120516.5	-6418.7
1548	9.8	105034.0	-6434.1	1638	9.6	110622.0	-6442.9	1728	8.9	114647.5	-6432.8	1818	9.9	120545.0	-6403.0
1549	9.4	105040.0	-6419.0	1639	9.3	110624.0	-6457.0	1729	7.4	114711.5	-6442.5	1819	9.9	120611.0	-6456.6
1550	9.4	105050.0	-6408.7	1640	9.6	110704.0	-6432.2	1730	9.0	114722.0	-6405.6	1820	9.5	120617.0	-6416.6
1551	9.6	105111.5	-6415.5	1641	7.8	110710.0	-6432.3	1731	7.8	114734.5	-6435.6	1821	9.4	120622.7	-6458.5
1552	9.4	105115.0	-6452.1	1642	9.3	110714.0	-6427.7	1732	9.2	114753.0	-6408.1	1822	9.9	120631.5	-6407.0
1553	9.6	105122.2	-6458.1	1643	9.4	110731.5	-6429.0	1733	9.8	114756.0	-6449.4	1823	8.2	120639.5	-6455.4
1554	9.4	105127.5	-6408.1	1644	9.3	110832.0	-6442.9	1734	8.7	114831.0	-6431.2	1824	9.9	120718.0	-6432.0
1555	9.6	105133.0	-6414.3	1645	9.7	110949.0	-6409.2	1735	9.9	114831.0	-6449.9	1825	9.5	120742.3	-6402.0
1556	9.9	105146.5	-6409.1	1646	9.7	110959.5	-6405.9	1736	9.9	114937.5	-6429.7	1826	9.5	120743.5	-6427.9
1557	9.0	105151.5	-6438.1	1647	9.7	111106.0	-6440.1	1737	9.9	114944.0	-6414.0	1827	9.1	120744.0	-6431.1
1558	9.5	105158.5	-6447.1	1648	9.0	111315.5	-6451.5	1738	9.1	114949.0	-6403.6	1828	9.5	120756.5	-6452.3
1559	9.9	105159.5	-6419.5	1649	8.8	111356.0	-6421.9	1739	9.8	114956.0	-6459.8	1829	9.9	120819.5	-6416.1
1560	9.5	105206.5	-6401.1	1650	9.0	111420.5	-6400.4	1740	9.6	115000.5	-6416.0	1830	9.9	120819.5	-6407.0
1561	9.9	105218.5	-6446.9	1651	9.7	111445.5	-6434.9	1741	9.7	115018.0	-6406.0	1831	9.0	120828.5	-6428.9
1562	9.9	105219.5	-6415.1	1652	9.6	111449.5	-6433.9	1742	9.2	115028.5	-6433.3	1832	9.8	120849.0	-6445.3
1563	9.2	105220.0	-6415.9	1653	9.4	111508.5	-6429.2	1743	9.8	115037.0	-6452.6	1833	8.9	120853.5	-6403.3
1564	9.0	105225.5	-6427.9	1654	8.9	111624.5	-6414.2	1744	9.9	115040.5	-6443.9	1834	9.9	120900.5	-6424.8
1565	9.6	105245.0	-6451.1	1655	9.6	111655.0	-6418.2	1745	9.9	115049.3	-6401.2	1835	8.0	120918.5	-6429.8
1566	9.9	105245.5	-6446.0	1656	9.6	111735.0	-6401.7	1746	9.8	115049.5	-6412.9	1836	9.0	120921.0	-6405.0
1567	9.6	105245.5	-6454.9	1657	5.5	111757.0	-6416.1	1747	9.1	115116.0	-6403.0	1837	7.9	120923.2	-6458.4
1568	9.6	105247.5	-6438.1	1658	9.7	111813.0	-6421.9	1748	9.3	115120.5	-6437.0	1838	9.7	120928.5	-6408.0
1569	9.7	105309.5	-6430.7	1659	8.8	111817.0	-6439.2	1749	9.9	115142.0	-6444.2	1839	7.8	120952.5	-6448.7
1570	9.8	105318.5	-6443.2	1660	9.7	111900.0	-6401.0	1750	9.4	115142.0	-6424.0	1840	9.2	121001.5	-6434.9
1571	9.7	105347.5	-6457.0	1661	9.3	112013.0	-6449.3	1751	8.2	115142.5	-6437.6	1841	9.8	121003.0	-6423.3
1572	9.7	105357.5	-6403.9	1662	9.4	112148.5	-6405.9	1752	9.5	115144.5	-6409.4	1842	9.9	121011.5	-6430.8
1573	9.6	105411.5	-6421.4	1663	9.0	112154.0	-6425.6	1753	9.3	115205.0	-6407.3	1843	8.8	121020.0	-6433.3
1574	8.9	105416.5	-6407.2	1664	9.3	112221.5	-6459.2	1754	9.2	115217.5	-6428.6	1844	6.4	121020.5	-6459.9
1575	9.6	105421.5	-6405.7	1665	8.6	112259.0	-6411.9	1755	9.4	115223.0	-6459.4	1845	8.8	121021.0	-6436.7
1576	9.9	105427.5	-6448.1	1666	9.3	112325.5	-6432.2	1756	9.9	115243.0	-6456.0	1846	9.4	121024.5	-6403.6
1577	9.9	105437.5	-6455.9	1667	9.6	112449.5	-6419.7	1757	8.8	115253.0	-6436.1	1847	9.8	121026.0	-6447.0
1578	9.7	105444.0	-6425.1	1668	8.3	112602.5	-6442.8	1758	9.9	115253.5	-6400.9	1848	9.9	121028.5	-6453.1
1579	9.6	105446.0	-6411.1	1669	9.2	112604.5	-6434.8	1759	8.8	115254.5	-6403.9	1849	9.9	121031.5	-6420.0
1580	9.6	105448.0	-6410.3	1670	9.2	112608.5	-6459.9	1760	9.8	115255.0	-6410.0	1850	9.4	121058.0	-6414.0
1581	9.6	105448.5	-6426.1	1671	9.7	112636.5	-6403.0	1761	9.9	115301.0	-6457.1	1851	9.9	121109.0	-6431.4
1582	9.9	105450.5	-6449.1	1672	9.7	112639.0	-6420.9	1762	9.6	115308.5	-6411.1	1852	8.8	121123.0	-6458.1
1583	9.9	105451.5	-6454.3	1673	9.2	112659.5	-6406.9	1763	9.9	115311.0	-6419.1	1853	9.9	121132.5	-6438.5
1584	9.9	105457.0	-6404.3	1674	9.2	112709.0	-6455.9	1764	8.8	115312.0	-6441.9	1854	9.1	121141.0	-6401.2
1585	9.3	105522.0	-6413.3	1675	9.4	112817.5	-6424.9	1765	9.4	115353.5	-6434.0	1855	9.3	121147.0	-6405.8
1586	9.9	105523.0	-6416.1	1676	9.4	112819.5	-6447.8	1766	9.7	115408.0	-6413.2	1856	9.9	121151.5	-6431.0
1587	9.2	105530.5	-6422.9	1677	7.4	112832.0	-6443.1	1767	9.4	115412.5	-6444.4	1857	9.9	121203.5	-6445.0
1588	9.5	105538.0	-6435.7	1678	9.5	112939.0	-6452.4	1768	9.4	115451.0	-6413.1	1858	9.2	121227.5	-6425.6
1589	9.8	105542.5	-6428.1	1679	9.6	113105.5	-6414.6	1769	9.9	115455.5	-6414.3	1859	9.9	121232.5	-6412.3
1590	9.2	105547.5	-6428.7	1680	9.0	113131.5	-6421.5	1770	9.0	115515.5	-6401.8	1860	9.9	121240.0	-6415.0
1591	9.2	105552.5	-6457.1	1681	9.6	113140.0	-6447.2	1771	9.4	115541.5	-6440.8	1861	9.4	121241.0	-6409.8
1592	9.2	105559.5	-6406.7	1682	7.5	113219.0	-6457.8	1772	8.0	115547.0	-6406.2	1862	8.9	121245.0	-6437.6
1593	9.7	105603.0	-6425.5	1683	9.4	113235.5	-6413.0	1773	9.4	115547.5	-6455.3	1863	9.9	121249.5	-6401.6
1594	9.9	105603.5	-6400.4	1684	9.7	113248.5	-6406.2	1774	9.5	115602.0	-6415.1	1864	9.9	121305.0	-6407.0
1595	9.8	105603.5	-6428.3	1685	6.4	113341.5	-6442.3	1775	9.9	115626.0	-6403.1	1865	8.0	121309.0	-6419.1
1596	9.8	105605.5	-6409.7	1686	8.8	113359.5	-6400.7	1776	8.5	115627.5	-6456.6	1866	9.3	121325.5	-6446.6
1597	9.9	105613.5	-6408.5	1687	8.8	113414.0	-6435.1	1777	9.9	115649.0	-6427.0	1867	9.1	121339.0	-6437.5
1598	9.4	105628.0	-6433.1	1688	9.6	113538.0	-6407.9	1778	9.8	115710.5	-6439.7	1868	9.6	121342.0	-6457.2
1599	9.9	105630.0	-6459.1	1689	9.6	113640.0	-6405.1	1779	9.5	115742.5	-6430.4	1869	9.5	121347.0	-6455.3
1600	9.8	105645.5	-6417.2	1690	9.2	113718.5	-6441.0	1780	9.7	115744.0	-6432.7	1870	9.8	121353.0	-6441.0
1601	9.8	105646.5	-6428.2	1691	9.1	113725.0	-6402.8	1781	9.9	115748.0	-6442.3	1871	8.8	121355.0	-6427.1
1602	9.6	105653.0	-6407.9	1692	9.4	113737.5	-6458.0	1782	8.6	115748.5	-6441.2	1872	8.6	121359.0	-6416.0
1603	9.6	105705.3	-6458.2	1693	9.2	113743.5	-6429.6	1783	9.8	115814.0	-6403.7	1873	9.2	121450.0	-6404.5
1604	8.8	105708.5	-6454.3	1694	9.6	113750.5	-6430.9	1784	9.9	115820.5	-6406.0	1874	9.4	121451.5	-6440.0
1605	9.6	105714.0	-6414.9	1695	9.4	113755.5	-6411.9	1785	9.9	115826.0	-6439.0	1875	9.9	121451.5	-6455.8
1606	9.2	105715.5	-6451.5	1696	9.6	113800.5	-6406.9	1786	9.8	115826.5	-6450.0	1876	8.8	121502.5	-6416.3
1607	9.9	105722.5	-6447.3	1697	9.3	113810.5	-6433.9	1787	9.9	115855.5	-6407.2	1877	8.5	121510.0	-6400.0
1608	9.7	105729.5	-6402.5	1698	9.1	113857.0	-6403.5	1788	9.1	115901.0	-6411.0	1878	9.0	121515.5	-6437.2
1609	9.8	105732.5	-6442.1	1699	9.9	113911.5	-6419.8	1789	9.9	115910.5	-6428.7	1879	7.7	121525.0	-6454.9
1610	9.0	105748.5	-6402.1	1700	9.5	113921.0	-6439.2	1790	9.7	115922.5	-6439.1	1880	9.9	121526.5	-6406.6
1611	9.6	105757.5	-6430.3	1701	9.9	113935.0	-6415.7	1791	6.9	115924.5	-6451.1	1881	8.4	121527.2	-6459.8
1612	9.8	105802.5	-6453.7	1702	9.9	113942.5	-6414.8	1792	9.8	115928.5	-6412.6	1882	9.9	121530.0	-6458.2
1613	9.4	105802.5	-6452.1	1703	9.9	113949.5	-6445.8	1793	9.7	115929.0	-6447.7	1883	7.9	121548.5	-6444.4
1614	9.2	105808.5	-6439.1	1704	9.4	113950.0	-6413.0	1794	9.9	115941.5	-6439.0	1884	9.4	121550.5	-6429.0
1615	8.0	105813.5	-6401.4	1705	9.1	114032.3	-6453.8	1795	8.6	120004.0	-6447.8	1885	9.9	121557.5	-6429.0
1616	9.8	105816.5	-6453.3	1706	7.7	114037.0	-6404.4	1796	9.9	120007.5	-6440.6	1886	8.3	121606.0	-6402.2
1617	9.6	105828.5	-6457.4	1707	9.9	114042.5	-6428.1	1797	9.5	120028.5	-6454.0	1887	9.4	121610.5	-6422.2
1618	9.6	105831.3	-6437.2	1708	9.4	114109.3	-6445.7	1798	9.7	120123.0	-6429.5	1888	9.6	121616.5	-6437.2
1619	9.2	105839.3	-6443.2	1709	9.4	114127.5	-6411.2	1799	9.9	120128.0	-6427.4	1889	8.5	121635.5	-6411.0
1620	9.2	105849.8	-6404.4	1710	9.9	114136.5	-6439.0	1800	9.4	120137.5	-6455.0	1890	9.9	121637.0	-6423.7
1621	9.2	105945.5	-6454.0	1711	8.8	114154.0	-6437.7	1801	9.9	120219.5	-6405.1	1891	9.8	121645.5	-6412.8
1622	9.5	110001.3	-6443.5	1712	9.0	114245.5	-6402.1	1802	8.8	120238.0	-6455.2	1892	9.8	121700.5	-6431.0
1623	8.8	110001.5	-6444.5	1713	9.9	114316.7	-6400.1	1803	9.5	120249.0	-6451.0	1893	9.9	121701.0	-6412.0
1624	9.6	110008.0	-6425.6	1714	9.5	114326.5	-6425.6	1804	8.8	120301.0	-6456.1	1894	9.9	121727.5	-6430.0
1625	9.9	110011.0	-6415.7	1715	9.8	114353.0	-6421.1	1805	9.7	120303.0	-6440.9	1895	8.8	121740.0	-6414.8
1626	9.3	110019.0	-6422.8	1716	9.6	114406.5	-6408.7	1806	9.8	120307.5	-6444.5	1896	9.9	121747.0	-6422.2
1627	9.7	110045.7	-6400.3	1717	9.9	114419.0	-6447.2	1807	9.9	120309.5	-6440.2	1897	9.7	121751.0	-6457.4
1628	9.2	110045.7	-6450.8	1718	9.8	114436.0	-6453.0	1808	9.7	120327.5	-6409.7	1898	7.2	121759.0	-6431.0
1629	8.3	110120.5	-6450.1	1719	9.8	114455.0	-6451.2	1809	9.9	120349.0	-6407.0	1899	9.0	121801.0	-6416.0
1630	7.1	110125.0	-6409.9	1720	9.5	114500.0	-6437.0	1810	8.9	120418.0	-6404.2	1900	9.2	121803.0	-6423.6
1631	9.6	110222.0	-6400.1	1721	9.9	114521.1	-6422.4	1811	9.9	120427.0	-6404.4	1901	9.2	121803.5	-6430.3
1632	9.1	110300.0	-6416.8	1722	9.9	114522.0	-6422.0	1812	9.5	120439.5	-6419.8	1902	9.9	121805.0	-6406.3
1633	8.6	110327.0	-6445.0	1723	9.9	114533.5	-6426.6	1813	8.8	120506.5	-6446.0	1903	8.8	121807.5	-6459.8
1634	9.6	110551.0	-6443.8	1724	4.6	114543.5	-6430.6	1814	9.9	120506.5	-6454.2	1904	8.8	121817.0	-6425.2

-64 1905 12h18m

1905 9.1 121819.0 -6420.4	1995 9.9 123753.0 -6434.9	2085 9.2 124943.5 -6440.1	2175 9.8 125933.7 -6401.3
1906 9.9 121820.0 -6402.3	1996 9.2 123802.5 -6444.7	2086 8.3 124945.0 -6458.2	2176 9.7 125936.5 -6435.1
1907 9.9 121823.0 -6431.6	1997 8.9 123814.0 -6456.2	2087 10.0 124949.5 -6418.1	2177 9.4 125938.0 -6420.4
1908 9.9 121828.5 -6405.4	1998 10.0 123834.0 -6410.4	2088 9.8 125005.0 -6416.3	2178 9.7 125943.5 -6401.8
1909 9.9 121849.5 -6409.0	1999 9.2 123844.0 -6447.1	2089 10.0 125007.5 -6433.1	2179 9.5 125944.7 -6432.1
1910 10.0 121901.0 -6428.1	2000 9.9 123848.5 -6449.8	2090 9.3 125016.5 -6416.5	2180 9.6 130001.0 -6445.5
1911 9.5 121903.5 -6438.1	2001 8.9 123900.5 -6414.1	2091 9.9 125025.5 -6439.7	2181 9.9 130001.5 -6447.3
1912 10.0 121914.5 -6430.5	2002 9.5 123902.5 -6444.1	2092 9.6 125042.0 -6440.9	2182 9.5 130003.5 -6411.9
1913 9.6 121920.0 -6452.1	2003 9.2 123931.5 -6421.3	2093 9.0 125050.5 -6433.0	2183 6.1 130003.5 -6438.1
1914 9.2 121922.5 -6419.7	2004 9.2 123934.0 -6400.1	2094 9.7 125052.0 -6438.5	2184 9.3 130007.7 -6401.6
1915 9.7 121925.0 -6452.7	2005 9.3 123935.0 -6406.1	2095 10.0 125106.0 -6422.1	2185 9.8 130009.3 -6450.4
1916 10.0 121936.5 -6433.9	2006 9.2 123937.0 -6458.1	2096 10.0 125109.5 -6406.1	2186 8.9 130009.8 -6452.3
1917 8.9 121941.3 -6435.7	2007 9.0 123940.0 -6448.1	2097 9.7 125116.0 -6409.7	2187 9.9 130012.0 -6451.4
1918 9.6 122000.0 -6410.7	2008 9.9 123941.5 -6433.3	2098 8.9 125150.3 -6457.1	2188 9.9 130018.5 -6436.8
1919 9.2 122011.3 -6410.0	2009 9.0 123948.3 -6457.1	2099 9.9 125202.0 -6455.2	2189 9.5 130020.7 -6402.6
1920 10.0 122017.5 -6424.3	2010 9.1 124014.8 -6457.1	2100 10.0 125207.0 -6407.1	2190 9.9 130021.5 -6435.6
1921 10.0 122019.5 -6452.7	2011 9.9 124015.0 -6451.5	2101 9.3 125219.0 -6423.7	2191 9.7 130024.0 -6450.1
1922 10.0 122031.0 -6417.1	2012 9.2 124015.5 -6404.1	2102 9.3 125220.0 -6417.5	2192 9.8 130030.5 -6429.6
1923 9.5 122043.3 -6440.4	2013 9.2 124027.5 -6410.3	2103 10.0 125220.5 -6434.1	2193 9.9 130030.5 -6403.3
1924 9.6 122046.8 -6410.3	2014 9.7 124028.0 -6401.5	2104 9.6 125221.0 -6401.3	2194 9.6 130034.0 -6438.4
1925 10.0 122110.5 -6412.7	2015 9.8 124028.3 -6457.7	2105 9.4 125230.0 -6432.4	2195 9.9 130037.0 -6436.4
1926 9.5 122115.0 -6401.1	2016 9.2 124039.0 -6442.1	2106 10.0 125236.0 -6454.0	2196 8.9 130043.7 -6406.9
1927 9.4 122125.5 -6430.3	2017 9.8 124058.5 -6448.2	2107 9.3 125248.0 -6418.0	2197 9.6 130045.5 -6425.2
1928 9.2 122133.5 -6423.2	2018 9.2 124113.5 -6405.1	2108 9.9 125249.0 -6445.5	2198 9.9 130105.5 -6416.2
1929 9.7 122134.5 -6422.5	2019 9.6 124118.5 -6456.1	2109 9.8 125305.5 -6459.1	2199 9.0 130107.5 -6414.7
1930 9.4 122138.5 -6405.9	2020 7.4 124128.0 -6454.6	2110 10.0 125318.0 -6425.7	2200 9.6 130112.0 -6437.1
1931 9.3 122144.0 -6411.1	2021 9.1 124139.0 -6448.2	2111 10.0 125320.0 -6422.9	2201 9.9 130114.5 -6440.0
1932 9.9 122149.5 -6424.9	2022 10.0 124155.0 -6442.4	2112 9.2 125338.0 -6419.5	2202 9.7 130120.0 -6401.1
1933 9.9 122151.5 -6413.3	2023 9.2 124159.0 -6448.9	2113 9.5 125340.0 -6457.2	2203 9.7 130121.0 -6404.5
1934 9.8 122154.0 -6426.1	2024 10.0 124210.0 -6442.6	2114 9.8 125342.5 -6415.9	2204 9.9 130124.7 -6458.9
1935 8.8 122200.5 -6413.3	2025 9.1 124216.5 -6424.1	2115 9.5 125411.0 -6432.1	2205 9.5 130132.5 -6423.5
1936 10.0 122207.5 -6419.5	2026 9.4 124219.0 -6410.2	2116 9.2 125419.0 -6414.1	2206 9.5 130132.5 -6403.1
1937 9.7 122213.5 -6416.9	2027 9.2 124222.5 -6440.0	2117 9.5 125420.0 -6411.7	2207 9.5 130137.0 -6432.1
1938 9.9 122238.0 -6427.9	2028 9.7 124223.5 -6417.1	2118 9.8 125429.5 -6419.7	2208 9.7 130141.5 -6441.1
1939 10.0 122238.5 -6406.6	2029 9.8 124235.3 -6459.9	2119 9.2 125429.5 -6423.1	2209 9.5 130142.5 -6422.9
1940 9.6 122240.0 -6406.7	2030 9.4 124239.8 -6459.9	2120 10.0 125430.5 -6452.1	2210 9.7 130143.5 -6442.7
1941 9.6 122244.5 -6406.1	2031 9.5 124241.0 -6438.1	2121 10.0 125431.5 -6413.9	2211 9.5 130158.0 -6459.6
1942 8.8 122251.5 -6406.0	2032 9.2 124305.0 -6438.7	2122 10.0 125450.5 -6406.1	2212 9.0 130205.5 -6435.9
1943 8.9 122251.5 -6407.2	2033 10.0 124310.0 -6437.7	2123 10.0 125505.5 -6425.2	2213 9.7 130205.5 -6409.4
1944 9.6 122256.0 -6405.7	2034 9.2 124316.0 -6423.3	2124 8.6 125509.5 -6406.7	2214 9.6 130206.0 -6401.2
1945 9.2 122300.0 -6409.2	2035 10.0 124322.0 -6458.9	2125 10.0 125518.0 -6410.5	2215 9.5 130209.5 -6428.5
1946 9.2 122310.5 -6406.1	2036 9.2 124326.5 -6458.3	2126 10.0 125522.5 -6421.3	2216 9.2 130212.5 -6407.9
1947 10.0 122318.5 -6406.7	2037 9.2 124328.5 -6440.9	2127 10.0 125539.5 -6429.7	2217 9.5 130213.5 -6403.3
1948 9.5 122350.5 -6448.1	2038 8.8 124336.5 -6414.2	2128 9.0 125541.0 -6429.2	2218 9.5 130215.0 -6445.1
1949 9.6 122350.5 -6412.6	2039 9.5 124355.0 -6450.9	2129 9.9 125541.0 -6409.1	2219 9.9 130222.5 -6401.1
1950 9.2 122400.0 -6458.0	2040 9.2 124409.5 -6403.9	2130 10.0 125544.0 -6448.5	2220 9.8 130226.5 -6401.2
1951 9.4 122420.5 -6411.3	2041 9.3 124418.5 -6415.1	2131 10.0 125549.0 -6425.3	2221 9.4 130244.5 -6404.1
1952 10.0 122438.5 -6430.1	2042 9.7 124425.5 -6412.1	2132 10.0 125550.0 -6425.7	2222 9.5 130245.0 -6406.7
1953 9.5 122448.0 -6407.3	2043 10.0 124442.5 -6421.3	2133 9.2 125550.5 -6413.1	2223 9.2 130247.0 -6404.1
1954 9.6 122454.0 -6421.1	2044 10.0 124447.0 -6417.7	2134 9.8 125551.5 -6409.9	2224 9.4 130253.0 -6403.1
1955 9.6 122506.0 -6451.0	2045 9.2 124450.5 -6417.1	2135 9.2 125559.5 -6433.1	2225 9.5 130254.5 -6403.9
1956 9.6 122511.5 -6431.7	2046 9.8 124455.5 -6420.3	2136 9.7 125600.0 -6422.1	2226 9.7 130304.0 -6401.0
1957 10.0 122517.5 -6414.6	2047 9.4 124456.5 -6440.7	2137 9.6 125612.0 -6410.2	2227 9.8 130308.0 -6419.4
1958 9.7 122529.5 -6447.8	2048 9.2 124504.5 -6440.5	2138 9.1 125631.5 -6407.1	2228 9.4 130316.0 -6425.0
1959 9.0 122559.0 -6406.3	2049 9.3 124509.5 -6410.1	2139 9.3 125636.0 -6458.4	2229 9.6 130325.5 -6403.8
1960 9.5 122621.5 -6457.9	2050 8.2 124512.5 -6408.2	2140 10.0 125640.0 -6410.1	2230 9.7 130327.5 -6410.2
1961 9.9 122621.5 -6408.3	2051 10.0 124513.5 -6402.5	2141 9.5 125640.0 -6419.7	2231 9.7 130335.5 -6414.9
1962 9.6 122630.5 -6436.3	2052 9.9 124514.0 -6415.7	2142 9.4 125648.0 -6436.9	2232 9.6 130338.5 -6428.3
1963 9.7 122710.0 -6404.8	2053 8.6 124533.0 -6406.9	2143 9.8 125652.0 -6434.3	2233 9.9 130345.5 -6417.1
1964 10.0 122722.5 -6441.2	2054 10.0 124533.5 -6420.7	2144 9.5 125653.5 -6437.3	2234 9.5 130348.0 -6437.9
1965 10.0 122808.0 -6409.7	2055 9.7 124538.0 -6422.8	2145 9.3 125700.0 -6443.9	2235 9.5 130348.0 -6444.9
1966 8.9 122826.5 -6435.2	2056 9.0 124542.0 -6459.7	2146 9.2 125721.5 -6451.0	2236 9.9 130352.5 -6437.7
1967 10.0 122831.5 -6405.7	2057 9.4 124543.5 -6447.3	2147 9.5 125731.5 -6419.9	2237 9.9 130354.0 -6442.5
1968 10.0 122926.0 -6459.9	2058 9.2 124546.0 -6456.6	2148 10.0 125747.0 -6415.9	2238 9.5 130354.0 -6444.1
1969 9.6 122939.0 -6404.1	2059 10.0 124557.0 -6445.3	2149 10.0 125748.5 -6450.5	2239 9.4 130415.5 -6437.7
1970 10.0 122950.5 -6410.7	2060 10.0 124609.5 -6429.1	2150 9.6 125801.5 -6402.1	2240 9.9 130416.5 -6458.1
1971 10.0 123005.0 -6423.7	2061 10.0 124615.0 -6420.4	2151 8.6 125802.0 -6456.7	2241 9.5 130417.0 -6428.8
1972 9.8 123049.0 -6436.2	2062 9.9 124639.5 -6432.3	2152 10.0 125818.0 -6402.3	2242 9.8 130418.5 -6445.3
1973 9.2 123104.0 -6439.3	2063 9.7 124650.5 -6427.5	2153 9.7 125820.5 -6439.4	2243 9.9 130420.5 -6448.4
1974 10.0 123117.0 -6405.0	2064 10.0 124651.5 -6439.7	2154 9.2 125822.0 -6450.0	2244 9.5 130421.0 -6459.1
1975 9.6 123135.0 -6426.9	2065 10.0 124655.0 -6404.1	2155 8.9 125825.0 -6423.2	2245 9.6 130425.5 -6429.4
1976 9.7 123218.0 -6427.3	2066 9.8 124657.5 -6420.0	2156 9.7 125826.5 -6424.0	2246 9.7 130432.0 -6451.6
1977 10.0 123242.0 -6450.7	2067 10.0 124658.0 -6429.0	2157 9.3 125830.5 -6453.7	2247 9.2 130432.3 -6459.5
1978 9.9 123300.5 -6458.7	2068 10.0 124701.0 -6421.7	2158 10.0 125831.0 -6412.1	2248 9.4 130432.5 -6433.1
1979 9.8 123318.0 -6409.7	2069 9.6 124707.0 -6428.7	2159 10.0 125832.0 -6451.5	2249 8.1 130434.5 -6437.6
1980 9.5 123322.0 -6449.0	2070 10.0 124718.5 -6433.2	2160 8.0 125832.5 -6424.7	2250 9.9 130435.0 -6407.0
1981 10.0 123415.5 -6414.6	2071 9.9 124737.5 -6453.1	2161 9.2 125842.5 -6423.7	2251 9.4 130435.5 -6414.2
1982 9.5 123419.0 -6403.1	2072 9.3 124745.5 -6403.0	2162 8.8 125843.0 -6417.8	2252 9.9 130436.5 -6451.5
1983 8.0 123432.0 -6402.6	2073 10.0 124746.0 -6458.2	2163 7.8 125848.2 -6432.5	2253 9.9 130438.0 -6400.4
1984 10.0 123454.0 -6412.1	2074 9.0 124819.0 -6447.7	2164 9.9 125859.5 -6449.1	2254 9.9 130440.5 -6454.4
1985 10.0 123512.0 -6436.1	2075 10.0 124833.5 -6459.2	2165 9.7 125900.3 -6442.6	2255 9.9 130444.0 -6402.2
1986 9.8 123533.0 -6405.1	2076 9.9 124842.5 -6449.1	2166 9.0 125900.8 -6440.2	2256 9.0 130444.5 -6458.0
1987 9.1 123541.5 -6459.1	2077 9.2 124844.7 -6458.6	2167 9.6 125908.8 -6437.2	2257 9.7 130446.5 -6454.2
1988 10.0 123620.0 -6441.7	2078 9.5 124847.0 -6419.3	2168 9.9 125911.5 -6437.1	2258 9.4 130448.5 -6413.9
1989 9.7 123701.5 -6410.2	2079 10.0 124852.5 -6451.1	2169 9.9 125918.5 -6401.1	2259 9.8 130454.5 -6456.4
1990 8.4 123722.0 -6416.7	2080 9.3 124900.5 -6432.3	2170 9.5 125921.5 -6400.7	2260 9.9 130455.5 -6422.0
1991 10.0 123729.5 -6423.9	2081 10.0 124913.5 -6439.5	2171 9.3 125921.5 -6438.6	2261 9.9 130503.0 -6405.1
1992 8.6 123730.0 -6437.9	2082 10.0 124918.0 -6436.8	2172 9.7 125924.8 -6459.1	2262 9.2 130508.0 -6428.1
1993 9.2 123741.5 -6414.1	2083 9.4 124928.5 -6421.3	2173 9.7 125929.0 -6428.6	2263 9.8 130509.5 -6419.3
1994 8.7 123752.0 -6446.1	2084 10.0 124931.0 -6451.2	2174 9.7 125930.5 -6402.4	2264 9.4 130512.0 -6412.1

-64 2264 13h05m

-64 2265 13h05m

-64 2624 13h45m

2265	9.5	130512.5	-6420.1	2355	9.4	131227.0	-6449.9	2445	9.3	132338.5	-6402.6
2266	9.9	130513.0	-6414.3	2356	9.0	131242.0	-6453.4	2446	9.6	132339.5	-6416.8
2267	9.5	130513.0	-6436.9	2357	9.5	131243.5	-6433.3	2447	9.2	132341.5	-6405.0
2268	9.5	130515.0	-6428.2	2358	9.6	131250.5	-6407.9	2448	8.4	132342.5	-6418.6
2269	9.9	130524.5	-6437.4	2359	9.9	131300.5	-6406.2	2449	9.6	132354.0	-6409.7
2270	9.1	130524.5	-6416.7	2360	9.6	131304.0	-6444.0	2450	9.9	132355.5	-6426.7
2271	9.6	130527.0	-6452.5	2361	9.9	131307.5	-6450.0	2451	9.7	132359.0	-6425.1
2272	9.5	130536.5	-6416.0	2362	9.8	131311.5	-6442.8	2452	9.3	132405.0	-6435.7
2273	9.9	130539.5	-6454.2	2363	9.1	131311.5	-6430.2	2453	9.8	132409.0	-6411.3
2274	9.7	130543.5	-6430.4	2364	9.3	131316.5	-6411.1	2454	9.6	132413.0	-6413.1
2275	8.7	130543.5	-6422.1	2365	9.4	131323.0	-6457.6	2455	9.3	132417.5	-6442.2
2276	9.8	130545.5	-6406.8	2366	9.2	131328.0	-6423.2	2456	9.4	132426.5	-6408.1
2277	9.7	130548.5	-6433.6	2367	9.2	131340.5	-6407.0	2457	9.3	132430.0	-6412.1
2278	9.8	130548.5	-6456.7	2368	9.5	131354.0	-6441.7	2458	9.3	132432.5	-6414.7
2279	9.7	130551.5	-6425.1	2369	9.8	131356.0	-6429.1	2459	9.4	132439.0	-6453.9
2280	9.8	130552.0	-6412.4	2370	9.4	131400.0	-6450.0	2460	9.7	132440.5	-6425.8
2281	8.9	130553.0	-6412.8	2371	9.5	131400.5	-6455.1	2461	9.3	132442.0	-6412.5
2282	9.5	130603.0	-6407.8	2372	9.7	131414.0	-6416.2	2462	9.6	132448.5	-6423.8
2283	9.5	130613.5	-6443.3	2373	9.3	131432.5	-6410.1	2463	9.9	132450.0	-6407.3
2284	9.5	130630.0	-6403.2	2374	9.8	131433.5	-6425.1	2464	9.3	132451.0	-6413.1
2285	9.4	130630.5	-6459.6	2375	9.2	131436.0	-6451.1	2465	6.7	132454.2	-6459.3
2286	8.7	130632.0	-6404.1	2376	9.4	131442.0	-6421.5	2466	8.2	132502.0	-6407.1
2287	9.6	130639.5	-6411.1	2377	9.7	131450.5	-6459.3	2467	9.2	132512.5	-6456.3
2288	9.6	130642.5	-6419.7	2378	9.4	131451.5	-6430.2	2468	9.0	132512.5	-6432.0
2289	9.5	130643.5	-6441.1	2379	9.9	131459.5	-6428.1	2469	9.9	132521.0	-6419.9
2290	9.2	130651.0	-6446.3	2380	9.7	131501.5	-6411.0	2470	8.4	132545.0	-6442.0
2291	9.5	130651.0	-6420.2	2381	9.9	131503.0	-6454.1	2471	9.7	132556.5	-6416.2
2292	9.9	130657.5	-6427.2	2382	9.6	131509.5	-6455.2	2472	9.8	132618.5	-6400.9
2293	9.3	130657.5	-6423.3	2383	9.1	131513.0	-6433.3	2473	9.6	132640.5	-6433.6
2294	9.7	130658.5	-6418.9	2384	9.1	131515.5	-6438.4	2474	9.7	132649.5	-6433.3
2295	9.9	130659.5	-6418.1	2385	9.3	131520.0	-6407.0	2475	9.6	132650.0	-6415.1
2296	9.6	130708.5	-6441.3	2386	9.2	131538.5	-6414.8	2476	8.2	132658.0	-6430.5
2297	9.9	130712.5	-6403.1	2387	9.0	131547.8	-6459.0	2477	7.6	132703.5	-6440.9
2298	9.5	130717.0	-6436.1	2388	9.9	131612.5	-6424.3	2478	9.5	132711.0	-6425.8
2299	9.6	130718.0	-6408.4	2389	9.9	131617.0	-6402.0	2479	9.9	132714.0	-6453.1
2300	9.9	130720.0	-6437.0	2390	9.8	131618.5	-6450.2	2480	9.9	132715.0	-6414.1
2301	9.5	130722.0	-6419.5	2391	9.1	131623.0	-6454.6	2481	8.6	132720.5	-6416.0
2302	9.9	130727.0	-6449.9	2392	8.8	131625.5	-6408.1	2482	9.2	132728.5	-6401.2
2303	9.2	130739.5	-6413.6	2393	9.6	131629.0	-6434.1	2483	9.9	132757.0	-6420.6
2304	9.7	130742.5	-6426.1	2394	9.6	131641.5	-6431.1	2484	9.5	132826.0	-6440.1
2305	9.9	130753.5	-6450.3	2395	9.4	131701.0	-6419.2	2485	9.5	132836.0	-6404.0
2306	9.7	130757.5	-6432.9	2396	9.9	131717.0	-6403.8	2486	8.5	132838.5	-6445.4
2307	9.9	130800.0	-6408.5	2397	9.5	131722.0	-6410.3	2487	7.6	132842.0	-6417.7
2308	9.7	130813.0	-6432.9	2398	9.0	131731.5	-6440.5	2488	9.5	32847.5	-6449.6
2309	9.7	130817.5	-6446.5	2399	9.4	131734.0	-6422.1	2489	9.7	132902.0	-6406.7
2310	9.7	130820.5	-6441.8	2400	9.2	131738.0	-6419.9	2490	9.9	132911.5	-6403.2
2311	9.5	130823.5	-6436.5	2401	9.8	131741.5	-6432.1	2491	9.6	132924.5	-6424.1
2312	9.5	130824.0	-6404.8	2402	9.1	131801.0	-6459.2	2492	9.7	152930.5	-6426.6
2313	9.9	130825.5	-6417.8	2403	9.6	131802.8	-6459.9	2493	8.4	132938.0	-6448.8
2314	9.9	130826.0	-6418.4	2404	9.9	131809.5	-6436.1	2494	9.9	132948.0	-6419.1
2315	9.6	130827.0	-6445.1	2405	9.9	131820.0	-6441.3	2495	9.5	132956.5	-6437.3
2316	7.3	130832.5	-6428.5	2406	9.2	131831.0	-6435.7	2496	7.7	133017.0	-6403.5
2317	9.9	130834.5	-6426.4	2407	9.7	131845.5	-6444.9	2497	9.8	133024.0	-6423.9
2318	9.2	130846.0	-6422.7	2408	8.5	131848.5	-6425.7	2498	9.9	133027.5	-6446.2
2319	9.2	130848.0	-6456.6	2409	9.9	131855.0	-6456.9	2499	9.9	133030.0	-6420.0
2320	9.9	130853.5	-6418.3	2410	9.9	131900.5	-6402.1	2500	9.3	133030.5	-6419.0
2321	9.7	130900.0	-6417.6	2411	9.3	131907.5	-6417.3	2501	9.7	133031.5	-6453.7
2322	9.7	130909.5	-6413.1	2412	9.3	131911.0	-6415.3	2502	9.5	133035.5	-6443.4
2323	9.4	130912.0	-6439.9	2413	9.3	131943.0	-6405.0	2503	9.3	133047.0	-6414.3
2324	9.7	130912.5	-6433.9	2414	9.9	132007.0	-6459.1	2504	9.6	133056.5	-6426.0
2325	9.2	130916.5	-6422.4	2415	9.8	132010.0	-6406.7	2505	9.3	133100.5	-6453.0
2326	9.6	130928.5	-6445.1	2416	9.6	132025.0	-6455.2	2506	9.6	133113.5	-6429.2
2327	9.7	130931.5	-6403.1	2417	9.5	132039.0	-6454.1	2507	9.4	133114.5	-6415.3
2328	9.9	130935.0	-6413.3	2418	7.0	132039.0	-6401.7	2508	9.3	133134.0	-6402.9
2329	9.5	130937.0	-6459.2	2419	9.0	132042.5	-6424.3	2509	8.9	133153.0	-6416.0
2330	9.5	130942.5	-6445.3	2420	9.8	132046.5	-6404.2	2510	9.3	133208.5	-6415.7
2331	9.5	130948.7	-6457.1	2421	9.7	132047.0	-6424.5	2511	8.9	133220.0	-6438.1
2332	9.5	131001.0	-6408.7	2422	9.8	132053.5	-6441.1	2512	9.9	133228.5	-6414.2
2333	9.9	131002.5	-6455.4	2423	9.5	132055.0	-6414.5	2513	9.7	133230.7	-6457.5
2334	9.5	131008.5	-6410.3	2424	9.6	132056.0	-6419.3	2514	9.3	133233.5	-6441.8
2335	9.5	131017.0	-6431.0	2425	9.9	132108.5	-6457.0	2515	9.5	133241.0	-6438.1
2336	9.7	131020.0	-6455.7	2426	9.3	132110.0	-6416.6	2516	9.6	133301.0	-6448.4
2337	9.2	131022.8	-6402.1	2427	9.2	132110.5	-6449.2	2517	9.9	133320.0	-6432.8
2338	9.9	131031.0	-6405.9	2428	7.9	132118.5	-6451.2	2518	9.3	133342.0	-6437.1
2339	9.7	131032.0	-6446.1	2429	9.3	132148.0	-6443.8	2519	8.9	133342.5	-6457.2
2340	9.5	131042.5	-6438.1	2430	9.9	132153.3	-6459.2	2520	9.6	133351.5	-6417.8
2341	9.8	131048.5	-6417.8	2431	9.5	132157.5	-6445.7	2521	9.9	133354.5	-6422.5
2342	9.3	131105.0	-6447.3	2432	9.4	132158.0	-6443.1	2522	9.9	133356.5	-6425.1
2343	9.2	131109.0	-6432.9	2433	9.3	132201.5	-6428.9	2523	9.9	133427.5	-6424.1
2344	9.8	131118.0	-6452.2	2434	9.9	132212.5	-6412.9	2524	9.2	133429.5	-6450.5
2345	9.3	131126.0	-6421.6	2435	9.9	132219.0	-6422.5	2525	9.5	133439.5	-6422.7
2346	9.9	131128.0	-6459.2	2436	9.4	132223.5	-6451.8	2526	9.8	133440.0	-6442.0
2347	9.3	131137.0	-6444.8	2437	9.9	132234.0	-6424.2	2527	9.7	133441.5	-6435.4
2348	9.8	131142.0	-6443.1	2438	9.4	132255.5	-6426.4	2528	9.6	133445.5	-6407.7
2349	9.5	131148.0	-6442.0	2439	9.2	132311.0	-6413.5	2529	9.9	133502.0	-6453.1
2350	9.4	131153.0	-6412.3	2440	9.0	132320.0	-6411.9	2530	9.5	133502.0	-6426.3
2351	9.9	131202.5	-6435.2	2441	7.1	132321.0	-6440.5	2531	9.9	133515.0	-6420.8
2352	9.9	131204.5	-6436.4	2442	9.3	132325.5	-6448.3	2532	9.9	133518.0	-6421.1
2353	9.9	131210.0	-6451.9	2443	9.2	132334.0	-6413.7	2533	9.6	133523.0	-6442.1
2354	9.3	131222.5	-6412.4	2444	9.9	132335.0	-6441.3	2534	9.0	133528.0	-6424.0
2535	8.6	133531.5	-6445.9								
2536	9.7	133533.5	-6414.7								
2537	9.6	133544.5	-6415.1								
2538	9.8	133607.5	-6434.2								
2539	9.2	133613.0	-6411.0								
2540	9.8	133614.5	-6446.9								
2541	9.9	133620.5	-6443.1								
2542	9.9	133652.5	-6444.1								
2543	9.6	133657.3	-6400.4								
2544	9.0	133703.5	-6412.7								
2545	9.8	133712.0	-6456.1								
2546	9.6	133720.0	-6405.3								
2547	9.7	133725.0	-6419.7								
2548	9.9	133730.5	-6433.1								
2549	9.9	133731.0	-6431.2								
2550	9.1	133733.5	-6456.3								
2551	9.8	133738.5	-6455.8								
2552	9.0	133738.5	-6403.0								
2553	9.4	133754.0	-6405.0								
2554	9.5	133800.5	-6429.7								
2555	9.9	133801.0	-6419.0								
2556	9.8	133816.5	-6410.9								
2557	9.8	133824.0	-6418.6								
2558	9.5	133836.0	-6416.2								
2559	9.8	133850.0	-6402.4								
2560	9.9	133904.0	-6435.0								
2561	10.0	133914.5	-6451.0								
2562	9.6	133916.8	-6449.4								
2563	8.8	133922.5	-6404.0								
2564	8.6	133923.3	-6427.5								
2565	9.7	133926.5	-6409.3								
2566	9.8	133933.5	-6407.8								
2567	10.0	133938.5	-6412.3								
2568	9.6	133959.0	-6417.5								
2569	9.8	134002.0	-6411.4								
2570	10.0	134002.0	-6458.8								
2571	9.7	134025.3	-6425.8								
2572	9.4	134026.3	-6432.3								
2573	10.0	134041.0	-6456.0								
2574	9.6	134041.6	-6436.6								
2575	10.0	134048.0	-6454.2								
2576	10.0	134102.0	-6410.1								
2577	10.0	134118.0	-6421.1								
2578	10.0	134120.0	-6408.5								
2579	9.9	134142.0	-6454.3								
2580	9.5	134148.0	-6419.1								
2581	9.6	134154.5	-6406.9								
2582	9.8	134156.0	-6415.0								
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2584	9.8	134201.5	-6442.1								
2585	9.4	134205.0	-6444.4								
2586	9.6	134213.0	-6432.1								
2587	10.0	134219.5	-6412.3								
2588	9.4	134223.0	-6449.8								
2589	9.3	134231.5	-6415.8								
2590	9.5	134249.0	-6414.3								
2591	8.8	134250.0	-6420.4								
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2593	9.6	134301.5	-6451.0								
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2597	10.0	134310.5	-6436.5								
2598	9.8	134313.0	-6456.3								
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2600	9.3	134327.0	-6449.4								
2601	10.0	134343.5	-6427.3								
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2603	9.1	134349.0	-6412.1								
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2605	10.0	134402.0	-6428.2								
2606	9.8	134414.5	-6411.2								
2607	9.8	134417.5	-6429.9								
2608	9.6	134431.0	-6430.1								
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2610	9.2	134437.0	-6450.1								
2611	9.4	134446.0	-6414.0								
2612	8.9	134451.0	-6455.1								
2613	9.7	134502.0	-6446.9								
2614	9.4	134502.0	-6419.5								
2615	9.9	134509.0	-6441.4								
2616	9.2	134524.0	-6404.8								
2617	10.0	134526.5	-6419.5								
2618	9.0	134527.3	-6456.7								
2619	9.7	134527.5	-6433.9								
2620	9.0	134528.0	-6426.8								
2621	9.8	134536.0	-6444.2								
2622	9.1	134539.0	-6428.4								
2623	9.6	134542.0	-6407.2								
2624	9.7	134549.5	-6418.1								

2625	9.8	134550.0	-6425.1	2715	10.0	135648.0	-6451.8	2805	9.8	140929.5	-6421.0
2626	9.2	134557.5	-6445.4	2716	9.6	135649.0	-6405.7	2806	10.0	140935.0	-6412.5
2627	10.0	134601.5	-6445.0	2717	9.8	135650.5	-6426.9	2807	9.2	140939.0	-6445.8
2628	10.0	134604.5	-6445.4	2718	9.5	135651.5	-6441.9	2808	10.0	140940.0	-6411.8
2629	9.8	134609.5	-6410.1	2719	9.8	135659.0	-6435.6	2809	10.0	140951.7	-6400.7
2630	9.8	134625.5	-6423.9	2720	9.9	135701.5	-6415.4	2810	8.2	141006.5	-6456.3
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2632	10.0	134631.0	-6446.8	2722	9.0	135708.0	-6443.2	2812	9.7	141028.5	-6456.8
2633	9.8	134633.5	-6441.8	2723	9.2	135710.5	-6454.3	2813	9.5	141030.0	-6410.1
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2635	10.0	134655.0	-6410.2	2725	9.8	135719.5	-6442.4	2815	9.3	141106.0	-6432.1
2636	10.0	134659.5	-6422.1	2726	9.4	135724.5	-6409.4	2816	9.6	141115.0	-6455.4
2637	9.8	134716.5	-6442.2	2727	9.0	135724.5	-6413.7	2817	9.9	141122.0	-6409.5
2638	9.1	134719.0	-6455.6	2728	9.4	135727.0	-6439.4	2818	9.5	141133.5	-6440.0
2639	9.3	134720.5	-6437.9	2729	9.0	135736.5	-6450.8	2819	9.6	141144.5	-6430.1
2640	9.0	134724.0	-6455.5	2730	9.8	135738.0	-6452.1	2820	9.2	141201.0	-6416.2
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2643	9.1	134749.5	-6438.7	2733	9.7	135818.5	-6427.0	2823	9.1	141315.5	-6434.1
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2645	9.6	134809.0	-6443.0	2735	10.0	135844.5	-6415.0	2825	9.9	141324.0	-6427.3
2646	9.6	134832.0	-6426.2	2736	9.8	135900.5	-6410.9	2826	9.2	141408.0	-6436.1
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2648	10.0	134850.0	-6413.7	2738	9.4	135912.0	-6455.1	2828	9.7	141429.0	-6434.4
2649	9.5	134850.0	-6407.9	2739	9.1	135914.0	-6442.1	2829	9.7	141429.5	-6443.0
2650	9.8	134851.5	-6448.9	2740	9.2	135919.5	-6456.3	2830	8.8	141436.0	-6433.1
2651	9.0	134852.0	-6408.1	2741	9.9	135930.0	-6415.0	2831	8.2	141445.0	-6423.2
2652	9.9	134905.0	-6412.0	2742	9.4	135950.0	-6424.0	2832	8.8	141456.5	-6454.9
2653	9.2	134906.0	-6424.3	2743	10.0	135959.0	-6433.7	2833	9.2	141501.0	-6432.1
2654	9.7	134924.0	-6410.0	2744	9.0	140001.0	-6410.8	2834	9.8	141502.0	-6417.2
2655	10.0	134928.5	-6433 4	2745	9.2	140005.0	-6421.2	2835	10.0	141520.0	-6415.2
2656	9.2	134930.0	-6433.3	2746	9.6	140016.0	-6458.4	2836	9.2	141529.5	-6452.3
2657	8.8	134939.5	-6413.5	2747	9.6	140026.5	-6444.7	2837	9.9	141604.5	-6401.2
2658	9.7	134954.0	-6440.6	2748	10.0	140030.0	-6407.2	2838	9.8	141609.5	-6408.1
2659	10.0	135000.5	-6431.6	2749	9.8	140030.0	-6448.1	2839	9.1	141613.0	-6412.1
2660	9.0	135012.0	-6436.7	2750	9.5	140030.5	-6437.0	2840	8.6	141616.0	-6421.7
2661	9.8	135024.5	-6426.9	2751	8.8	140037.0	-6400.0	2841	10.0	141620.5	-6423.8
2662	9.6	135039.5	-6426.3	2752	10.0	140038.0	-6455.0	2842	9.0	141621.0	-6402.0
2663	7.9	135041.0	-6456.0	2753	9.4	140040.0	-6408.9	2843	9.2	141637.0	-6438.9
2664	9.6	135044.5	-6433.3	2754	9.2	140048.5	-6457.1	2844	10.0	141643.0	-6413.1
2665	8.6	135055.5	-6402.3	2755	9.4	140051.5	-6433.7	2845	9.6	141706.5	-6417.3
2666	9.8	135115.5	-6428.7	2756	10.0	140112.8	-6402.6	2846	9.0	141711.5	-6457.5
2667	8.8	135124.0	-6411.1	2757	9.5	140127.0	-6418.1	2847	9.8	141713.0	-6427.9
2668	9.8	135137.5	-6409.5	2758	9.2	140129.5	-6428.5	2848	9.4	141717.5	-6417.9
2669	10.0	135140.0	-6425.2	2759	9.9	140152.0	-6452.4	2849	9.4	141731.5	-6418.2
2670	9.9	135142.0	-6428.7	2760	9.4	140203.5	-6449.6	2850	10.0	141751.0	-6456.4
2671	10.0	135155.0	-6429.2	2761	9.5	140203.5	-6410.2	2851	8.8	141752.0	-6434.7
2672	9.2	135208.0	-6433.5	2762	9.9	140209.3	-6458.6	2852	10.0	141752.5	-6450.5
2673	9.2	135210.0	-6444.7	2763	9.1	140219.0	-6446.4	2853	9.9	141819.0	-6450.0
2674	9.6	135214.0	-6447.7	2764	10.0	140222.0	-6400.1	2854	8.8	141819.0	-6404.3
2675	10.0	135221.0	-6411.	2765	9.9	140237.0	-6424.1	2855	9.9	141826.0	-6428.8
2676	9.9	135227.5	-6440.3	2766	9.4	140239.0	-6424.4	2856	8.6	141838.5	-6428.8
2677	10.0	135240.5	-6441.3	2767	8.1	140257.0	-6405.6	2857	9.0	141841.6	-6453.0
2678	10.0	135241.5	-6453.8	2768	9.8	140302.5	-6447.1	2858	9.4	141845.0	-6432.4
2679	9.6	135251.5	-6453.8	2769	9.9	140305.5	-6426.7	2859	10.0	141850.8	-6412.0
2680	9.5	135301.5	-6405.8	2770	10.0	140317.0	-6400.0	2860	10.0	141854.0	-6418.3
2681	9.2	135304.0	-6419.1	2771	10.0	140318.0	-6415.1	2861	9.9	141859.0	-6418.5
2682	9.2	135327.0	-6401.3	2772	9.3	140328.5	-6433.2	2862	9.8	141859.0	-6439.5
2683	9.2	135328.0	-6447.1	2773	9.2	140340.0	-6446.6	2863	10.0	141909.0	-6403.5
2684	10.0	135330.5	-6435.2	2774	9.8	140348.5	-6441.2	2864	10.0	141912.0	-6459.9
2685	9.8	135331.5	-6405.9	2775	10.0	140401.5	-6440.8	2865	9.9	141918.0	-6427.4
2686	9.7	135338.0	-6443.8	2776	9.9	140405.5	-6439.4	2866	9.6	141918.2	-6438.0
2687	9.2	135346.5	-6429.8	2777	10.0	140412.0	-6440.2	2867	9.0	141920.4	-6457.1
2688	9.6	135351.0	-6414.8	2778	10.0	140431.2	-6402.0	2868	8.6	141922.0	-6459.4
2689	9.6	135353.5	-6441.0	2779	9.8	140440.5	-6426.0	2869	9.6	141930.2	-6413.0
2690	9.4	135401.5	-6435.0	2780	10.0	140448.0	-6433.0	2870	8.8	141930.7	-6455.2
2691	10.0	135401.5	-6435.6	2781	10.0	140455.5	-6425.6	2871	9.9	141940.0	-6458.8
2692	9.8	135417.0	-6438.2	2782	9.5	140458.5	-6438.8	2872	9.4	141940.7	-6435.3
2693	9.6	135430.0	-6459.4	2783	9.5	140535.0	-6452.1	2873	10.0	141943.5	-6435.0
2694	9.3	135439.5	-6447.9	2784	9.7	140537.0	-6456.9	2874	9.4	142000.3	-6426.3
2695	8.6	135448.0	-6409.2	2785	9.1	140539.5	-6409.2	2875	9.9	142004.0	-6415.2
2696	9.3	135448.5	-6454.8	2786	9.3	140559.5	-6413.4	2876	9.0	142005.5	-6410.1
2697	8.0	135458.0	-6448.7	2787	10.0	140602.0	-6420.0	2877	9.3	142011.0	-6450.0
2698	9.1	135458.5	-6404.1	2788	9.3	140606.0	-6439.1	2878	8.7	142028.7	-6420.6
2699	10.0	135502.0	-6401.4	2789	9.4	140610.5	-6428.4	2879	9.0	142051.5	-6452.8
2700	9.6	135518.5	-6456.1	2790	9.8	140632.3	-6400.1	2880	10.0	142058.0	-6445.8
2701	9.7	135541.5	-6445.1	2791	9.4	140649.0	-6457.0	2881	9.4	142058.0	-6418.6
2702	10.0	135547.0	-6449.2	2792	9.4	140652.0	-6417.1	2882	9.9	142104.5	-6444.9
2703	8.8	135548.5	-6459.4	2793	8.7	140653.5	-6411.8	2883	9.7	142117.0	-6439.0
2704	9.2	135559.5	-6428.7	2794	10.0	140710.5	-6450.8	2884	9.4	142119.5	-6413.8
2705	9.4	135602.0	-6416.3	2795	10.0	140715.0	-6443.2	2885	9.4	142131.0	-6446.0
2706	9.9	135609.0	-6431.1	2796	9.9	140718.0	-6435.2	2886	9.3	142136.0	-6441.3
2707	9.8	135611.0	-6429.9	2797	9.8	140744.0	-6434.1	2887	9.4	142145.5	-6450.2
2708	9.5	135618.5	-6429.2	2798	10.0	140753.0	-6433.2	2888	9.4	142149.0	-6451.2
2709	9.0	135627.0	-6452.2	2799	9.9	140755.0	-6459.0	2889	9.6	142150.5	-6446.1
2710	10.0	135635.5	-6442.0	2800	8.8	140835.5	-6441.0	2890	9.6	142152.5	-6450.3
2711	9.8	135636.5	-6445.4	2801	9.2	140852.0	-6417.6	2891	8.9	142204.0	-6410.2
2712	9.8	135641.5	-6421.0	2802	9.2	140902.0	-6437.9	2892	9.0	142213.5	-6437.3
2713	9.6	135644.0	-6436.0	2803	9.2	140905.5	-6427.7	2893	9.9	142215.5	-6425.8
2714	9.7	135646.0	-6408.7	2804	10.0	140912.0	-6452.0	2894	9.4	142231.5	-6450.4
2895	10.0	142238.5	-6433.0								
2896	9.6	142251.5	-6451.8								
2897	9.0	142259.0	-6435.0								
2898	10.0	142314.0	-6448.6								
2899	8.7	142314.5	-6451.2								
2900	9.4	142327.0	-6434.2								
2901	9.4	142345.5	-6418.1								
2902	8.7	142352.5	-6430.2								
2903	9.8	142357.0	-6448.5								
2904	9.2	142410.5	-6405.0								
2905	9.0	142411.0	-6423.4								
2906	8.4	142413.5	-6401.3								
2907	10.0	142416.5	-6405.3								
2908	9.9	142417.5	-6423.2								
2909	9.7	142418.5	-6439.6								
2910	9.0	142425.0	-6451.7								
2911	9.4	142426.5	-6457.6								
2912	9.2	142427.5	-6422.5								
2913	10.0	142432.5	-6422.1								
2914	9.3	142435.5	-6404.4								
2915	9.3	142439.5	-6416.4								
2916	9.9	142452.0	-6406.1								
2917	9.9	142453.5	-6405.0								
2918	9.7	142459.5	-6448.9								
2919	9.9	142504.5	-6431.0								
2920	9.2	142515.0	-6430.9								
2921	8.8	142516.0	-6402.4								
2922	9.9	142520.5	-6402.6								
2923	8.9	142521.0	-6420.0								
2924	9.8	142524.5	-6426.9								
2925	9.9	142525.5	-6458.2								
2926	9.8	142528.5	-6410.3								
2927	9.8	142531.5	-6448.2								
2928	9.0	142534.0	-6415.3								
2929	9.4	142541.5	-6417.4								
2930	9.8	142543.0	-6428.1								
2931	9.7	142544.5	-6419.2								
2932	9.4	142627.5	-6411.2								
2933	9.6	142648.0	-6416.5								
2934	9.0	142648.5	-6454.8								
2935	9.2	142649.5	-6432.1								
2936	10.0	142700.5	-6416.5								
2937	9.3	142702.5	-6450.6								
2938	9.2	142710.0	-6451.2								
2939	9.7	142710.5	-6415.1								
2940	9.6	142718.2	-6459.1								
2941	9.6	142720.5	-6412.5								
2942	8.9	142727.0	-6408.1								
2943	9.8	142735.0	-6406.2								
2944	9.2	142735.5	-6436.3								
2945	9.4	142751.5	-6418.7								
2946	9.2	142754.5	-6434.7								
2947	8.9	142759.5	-6423.6								
2948	9.6	142807.0	-6453.0								
2949	8.7	142810.5	-6405.7								
2950	9.8	142821.5	-6417.6								
2951	9.6	142835.0	-6407.5								
2952	8.9	142836.5	-6433.9								
2953	10.0	142900.5	-6448.9								
2954	9.4	142908.5	-6425.5								
2955	8.5	142909.5	-6407.8								
2956	10.0	142910.0	-6434.0								
2957	8.0	142937.5	-6410.1								
2958	9.0	142944.5	-6417.1								
2959	9.4	142955.5	-6439.1								
2960	9.9	142958.5	-6431.5								
2961	8.6	143014.0	-6417.4								
2962	9.9	143015.5	-6442.3								
2963	9.6	143019.5	-6443.0								
2964	8.0	143029.5	-6452.7								
2965	10.0	143038.0	-6409.5								
2966	9.4	143040.0	-6458.3								
2967	9.7	143040.5	-6428.6								
2968	8.8	143041.0	-6455.2								
2969	9.2	143053.5	-6430.2								
2970	9.3	143056.0	-6430.0								
2971	9.3	143106.0	-6443.8								
2972	9.9	143138.5	-6420.9								
2973	9.3	143146.5	-6443.3								
2974	9.4	143150.5	-6434.8								
2975	9.6	143201.0	-6404.1								
2976	10.0	143203.5	-6423.1								
2977	3.7	143225.0	-6425.7								
2978	9.3	143226.0	-6437.2								
2979	9.3	143238.0	-6405.2								
2980	10.0	143252.5	-6415.0								
2981	7.5	143253.5	-6441.5								
2982	9.4	143308.5	-6406.1								
2983	9.2	143309.5	-6445.5								
2984	9.0	143309.5	-6431.1								

-64 2985 14h33m

-64 3344 15h50m

2985	9.9	143311.5	-6429.5	3075	9.6	145217.0	-6433.3	3165	10.0	151408.5	-6405.8
2986	9.0	143324.0	-6417.9	3076	10.0	145237.0	-6431.1	3166	9.4	151424.0	-6451.9
2987	8.4	143331.5	-6430.8	3077	9.2	145239.5	-6405.3	3167	8.9	151428.5	-6453.2
2988	9.4	143340.0	-6429.9	3078	9.4	145301.5	-6458.6	3168	9.9	151438.0	-6412.3
2989	9.8	143340.5	-6428.3	3079	9.0	145328.0	-6457.7	3169	9.4	151457.0	-6432.8
2990	9.4	143341.0	-6413.1	3080	9.6	145344.0	-6407.9	3170	9.5	151457.5	-6402.4
2991	9.0	143345.0	-6426.8	3081	9.9	145344.5	-6437.9	3171	9.9	151502.0	-6424.9
2992	9.6	143346.5	-6440.1	3082	9.3	145416.0	-6423.0	3172	9.4	151510.0	-6440.9
2993	9.4	143415.0	-6452.8	3083	9.7	145423.5	-6415.0	3173	8.8	151510.0	-6454.2
2994	9.9	143420.0	-6403.2	3084	9.8	145430.5	-6417.2	3174	8.9	151510.0	-6454.0
2995	9.8	143426.0	-6434.7	3085	10.0	145442.0	-6403.1	3175	9.9	151546.5	-6416.1
2996	9.8	143426.0	-6449.9	3086	9.0	145449.0	-6435.8	3176	9.2	151555.0	-6427.3
2997	9.6	143429.0	-6408.0	3087	10.0	145458.5	-6404.2	3177	10.0	151638.5	-6427.5
2998	9.9	143439.5	-6454.5	3088	9.4	145506.0	-6445.2	3178	8.0	151642.0	-6405.2
2999	9.9	143500.5	-6410.2	3089	9.6	145512.0	-6427.6	3179	9.8	151642.5	-6427.1
3000	9.8	143506.0	-6456.2	3090	8.2	145528.5	-6453.9	3180	9.4	151700.0	-6414.4
3001	9.9	143518.0	-6457.0	3091	9.4	145537.0	-6411.8	3181	9.2	151701.0	-6436.2
3002	8.8	143530.5	-6424.1	3092	8.5	145540.0	-6407.1	3182	8.9	151701.0	-6441.8
3003	9.9	143539.0	-6437.1	3093	9.6	145546.5	-6448.0	3183	9.7	151724.2	-6401.7
3004	9.2	143543.5	-6451.1	3094	9.2	145612.0	-6435.2	3184	10.0	151731.0	-6444.5
3005	9.3	143607.5	-6413.0	3095	7.9	145715.5	-6447.2	3185	9.8	151738.5	-6458.5
3006	10.0	143607.5	-6454.9	3096	9.2	145728.5	-6447.8	3186	8.8	151802.5	-6405.2
3007	9.2	143610.0	-6406.5	3097	10.0	145739.5	-6411.6	3187	9.8	151811.5	-6410.7
3008	8.8	143618.3	-6400.8	3098	9.2	145739.5	-6419.8	3188	8.9	151813.5	-6436.6
3009	9.7	143620.0	-6427.4	3099	9.2	145750.0	-6439.2	3189	9.9	151814.5	-6408.5
3010	9.0	143631.5	-6413.8	3100	8.4	145753.3	-6409.2	3190	10.0	151821.0	-6423.8
3011	9.2	143645.5	-6413.4	3101	10.0	145831.3	-6439.7	3191	9.8	151824.0	-6426.0
3012	9.6	143751.5	-6421.6	3102	8.8	145852.5	-6412.4	3192	9.2	151824.5	-6423.9
3013	9.3	143831.0	-6401.8	3103	9.2	145858.5	-6454.8	3193	10.0	151836.5	-6426.1
3014	10.0	143831.0	-6419.8	3104	9.9	145913.3	-6433.6	3194	9.4	151910.5	-6427.1
3015	9.6	143858.0	-6402.0	3105	9.6	145945.3	-6426.8	3195	10.0	151913.5	-6426.9
3016	9.2	143858.0	-6443.8	3106	10.0	150008.0	-6432.0	3196	9.2	151920.0	-6406.6
3017	9.4	143927.5	-6425.4	3107	9.3	150020.5	-6409.3	3197	9.9	151931.0	-6425.2
3018	9.3	143955.0	-6423.5	3108	9.0	150020.8	-6437.3	3198	10.0	151942.0	-6411.8
3019	10.0	143958.2	-6401.3	3109	10.0	150027.8	-6411.8	3199	9.9	152035.5	-6420.6
3020	9.9	144012.0	-6427.0	3110	9.6	150047.5	-6408.2	3200	10.0	152055.0	-6452.9
3021	9.9	144016.5	-6416.0	3111	9.7	150057.2	-6442.9	3201	8.9	152208.0	-6413.1
3022	10.0	144047.0	-6404.8	3112	9.4	150058.7	-6427.4	3202	8.7	152212.0	-6456.0
3023	9.6	144112.5	-6438.8	3113	8.6	150114.7	-6429.5	3203	9.8	152311.5	-6404.9
3024	9.2	144204.0	-6417.3	3114	9.4	150118.7	-6408.7	3204	8.3	152321.0	-6455.9
3025	9.2	144240.5	-6414.5	3115	7.6	150142.2	-6403.9	3205	8.4	152328.0	-6440.5
3026	9.7	144244.5	-6439.0	3116	8.8	150146.5	-6404.3	3206	9.9	152334.0	-6449.5
3027	10.0	144249.5	-6424.8	3117	9.7	150233.0	-6452.3	3207	9.1	152427.0	-6405.4
3028	10.0	144251.0	-6404.3	3118	9.5	150236.5	-6438.2	3208	8.9	152430.0	-6426.5
3029	9.0	144304.0	-6424.0	3119	9.2	150244.5	-6433.5	3209	10.0	152454.0	-6416.9
3030	9.2	144305.5	-6404.0	3120	9.2	150247.5	-6410.6	3210	9.9	152458.0	-6447.1
3031	9.0	144311.0	-6425.0	3121	9.1	150251.0	-6416.0	3211	9.8	152458.5	-6405.9
3032	9.4	144400.5	-6449.6	3122	9.5	150323.5	-6420.2	3212	10.0	152500.5	-6430.1
3033	9.7	144438.0	-6414.7	3123	9.4	150335.5	-6435.1	3213	7.0	152504.0	-6441.3
3034	9.2	144442.5	-6424.5	3124	9.2	150354.0	-6400.5	3214	10.0	152529.0	-6450.1
3035	9.7	144444.0	-6449.0	3125	8.9	150357.0	-6450.8	3215	9.1	152531.5	-6422.0
3036	8.4	144449.5	-6446.2	3126	9.0	150412.0	-6409.7	3216	9.6	152532.0	-6453.6
3037	10.0	144505.0	-6416.0	3127	8.6	150412.5	-6408.3	3217	10.0	152544.0	-6448.5
3038	9.2	144524.0	-6421.2	3128	9.8	150429.0	-6429.4	3218	9.9	152553.0	-6428.5
3039	9.8	144529.5	-6400.0	3129	9.7	150454.0	-6430.7	3219	8.1	152613.5	-6408.0
3040	9.4	144534.0	-6403.1	3130	9.9	150500.5	-6450.9	3220	9.0	152616.0	-6406.8
3041	9.2	144546.0	-6453.8	3131	9.4	150520.0	-6446.5	3221	8.6	152628.5	-6446.1
3042	9.6	144602.5	-6420.7	3132	9.8	150521.0	-6426.6	3222	9.7	152640.5	-6459.8
3043	9.4	144606.5	-6417.4	3133	9.9	150530.0	-6439.2	3223	9.4	152641.5	-6400.4
3044	10.0	144608.0	-6417.0	3134	9.9	150604.0	-6430.7	3224	9.9	152650.0	-6409.2
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3046	10.0	144627.5	-6413.7	3136	9.4	150627.0	-6413.2	3226	9.7	152732.0	-6410.3
3047	8.7	144629.5	-6435.2	3137	9.5	150741.5	-6439.9	3227	9.8	152740.5	-6449.1
3048	10.0	144646.5	-6450.5	3138	9.2	150813.0	-6410.8	3228	9.5	152814.0	-6403.9
3049	9.8	144659.5	-6433.3	3139	9.9	150842.0	-6449.6	3229	9.2	152816.0	-6442.0
3050	10.0	144702.0	-6456.7	3140	9.2	150920.5	-6436.9	3230	9.8	152823.0	-6451.2
3051	9.6	144704.0	-6425.1	3141	9.7	150933.0	-6420.9	3231	9.8	152832.0	-6423.0
3052	9.2	144705.5	-6431.9	3142	9.2	150937.0	-6401.9	3232	10.0	152856.0	-6422.9
3053	7.9	144818.0	-6429.7	3143	8.6	150950.0	-6400.1	3233	10.0	152857.5	-6440.0
3054	9.6	144826.0	-6408.3	3144	9.8	150959.5	-6424.6	3234	9.8	152903.5	-6459.0
3055	10.0	144833.0	-6426.9	3145	9.2	151017.5	-6435.3	3235	9.8	152908.0	-6457.6
3056	9.8	144848.5	-6423.3	3146	9.1	151028.0	-6424.9	3236	8.4	152917.5	-6447.3
3057	9.3	144852.0	-6404.9	3147	9.4	151114.0	-6408.2	3237	9.7	152919.5	-6427.6
3058	10.0	144927.5	-6443.0	3148	9.2	151116.3	-6402.2	3238	9.2	152940.0	-6452.0
3059	9.3	144930.5	-6405.9	3149	8.6	151120.5	-6403.1	3239	9.2	152948.5	-6429.1
3060	8.9	144941.7	-6459.0	3150	9.9	151128.0	-6432.6	3240	8.9	153004.5	-6406.6
3061	9.2	144952.5	-6447.3	3151	9.2	151132.0	-6458.5	3241	9.2	153005.5	-6451.6
3062	9.6	145007.7	-6458.9	3152	9.2	151144.5	-6420.7	3242	8.6	153012.0	-6419.9
3063	9.6	145013.5	-6428.9	3153	9.5	151202.0	-6447.9	3243	7.4	153013.5	-6439.3
3064	9.0	145015.5	-6437.7	3154	9.9	151211.5	-6414.8	3244	9.2	153041.5	-6401.3
3065	9.3	145031.0	-6411.2	3155	9.2	151212.5	-6413.9	3245	8.9	153103.0	-6400.3
3066	6.4	145038.0	-6404.4	3156	9.7	151228.5	-6412.1	3246	9.2	153126.0	-6435.0
3067	10.0	145044.0	-6410.9	3157	9.5	151234.5	-6434.3	3247	9.0	153150.0	-6403.2
3068	10.0	145054.0	-6430.4	3158	9.5	151245.0	-6448.8	3248	10.0	153157.0	-6439.8
3069	9.6	145101.0	-6405.3	3159	9.2	151248.5	-6453.5	3249	8.8	153227.0	-6417.0
3070	9.9	145106.5	-6449.7	3160	9.4	151304.5	-6433.9	3250	10.0	153230.0	-6427.8
3071	8.8	145138.0	-6456.9	3161	9.9	151307.0	-6419.9	3251	8.0	153249.8	-6459.2
3072	8.5	145140.0	-6415.6	3162	9.9	151320.0	-6416.9	3252	10.0	153315.5	-6420.0
3073	8.6	145200.0	-6427.7	3163	9.2	151327.5	-6403.4	3253	9.5	153327.0	-6401.6
3074	10.0	145208.0	-6452.1	3164	9.8	151336.5	-6456.6	3254	9.9	153327.5	-6445.0
3255	9.4	153338.8	-6458.6								
3256	9.5	153348.5	-6409.7								
3257	9.6	153458.0	-6429.7								
3258	9.2	153459.0	-6455.4								
3259	9.9	153503.0	-6439.5								
3260	9.0	153509.0	-6447.3								
3261	9.5	153511.0	-6427.9								
3262	9.2	153525.5	-6442.3								
3263	9.9	153538.5	-6423.0								
3264	7.9	153550.5	-6400.9								
3265	9.0	153550.5	-6454.6								
3266	9.0	153622.0	-6402.2								
3267	9.5	153707.5	-6401.3								
3268	9.4	153716.0	-6410.0								
3269	9.1	153721.0	-6450.0								
3270	9.8	153736.0	-6416.0								
3271	9.4	153749.5	-6434.8								
3272	9.4	153823.5	-6442.8								
3273	9.2	153833.5	-6422.0								
3274	9.7	153849.5	-6450.1								
3275	8.9	153918.7	-6422.3								
3276	9.7	153919.0	-6421.2								
3277	9.7	153921.0	-6414.0								
3278	9.4	153928.5	-6424.8								
3279	9.6	154017.5	-6402.7								
3280	9.7	154022.5	-6422.0								
3281	9.1	154040.2	-6432.3								
3282	9.7	154045.0	-6405.6								
3283	9.5	154059.5	-6428.5								
3284	9.4	154101.0	-6403.3								
3285	9.6	154125.5	-6407.4								
3286	7.4	154132.5	-6446.2								
3287	9.4	154134.0	-6417.1								
3288	9.0	154135.0	-6437.9								
3289	9.5	154135.5	-6412.0								
3290	9.3	154141.0	-6436.1								
3291	8.1	154150.5	-6437.3								
3292	9.2	154159.0	-6418.7								
3293	9.2	154216.0	-6418.0								
3294	9.7	154245.5	-6441.7								
3295	9.7	154319.5	-6422.3								
3296	9.3	154335.0	-6437.8								
3297	9.3	154344.0	-6443.9								
3298	9.6	154345.5	-6422.0								
3299	9.1	154355.5	-6403.3								
3300	9.6	154400.5	-6420.3								
3301	9.2	154420.0	-6448.7								
3302	9.4	154420.5	-6412.0								
3303	9.0	154423.0	-6430.2								
3304	9.1	154423.5	-6446.5								
3305	9.2	154434.0	-6418.2								
3306	9.3	154438.0	-6458.5								
3307	9.6	154453.0	-6420.0								
3308	9.3	154514.5	-6458.9								
3309	9.4	154522.5	-6442.5								
3310	9.5	154544.0	-6449.6								
3311	9.6	154544.5	-6405.2								
3312	9.3	154555.5	-6409.0								
3313	9.6	154556.0	-6443.2								
3314	9.5	154616.0	-6445.2								
3315	9.2	154648.5	-6443.1								
3316	9.7	154700.0	-6406.0								
3317	9.5	154716.0	-6440.9								
3318	9.5	154716.5	-6444.4								
3319	9.3	154717.0	-6455.0								
3320	6.2	154731.5	-6440.3								
3321	9.7	154741.5	-6459.6								
3322	9.4	154756.5	-6406.8								
3323	9.7	154751.0	-6456.1								
3324	9.2	154755.0	-6424.3								
3325	9.7	154815.0	-6428.1								
3326	8.6	154825.0	-6429.4								
3327	9.1	154835.5	-6439.6								
3328	9.4	154837.0	-6409.								
3329	9.3	154837.5	-6412.								
3330	8.6	154842.0	-6402.4								
3331	9.6	154845.5	-6407.6								
3332	8.7	154849.5	-6424.7								
3333	9.7	154850.5	-6411.7								
3334	9.7	154859.0	-6441.3								
3335	9.6	154900.0	-6429.7								
3336	9.7	154919.5	-6442.2								
3337	9.7	154922.5	-6430.2								
3338	9.4	154940.5	-6418.4								
3339	9.2	154944.0	-6434.4								
3340	9.1	154946.5	-6451.9								
3341	9.3	154955.0	-6428.1								
3342	9.7	155002.0	-6453.7								
3343	9.2	155011.5	-6413.7								
3344	9.3	155022.0	-6407.5								

-64 3345 15h50m

3345 9.2 155030.5 -6414.7	3435 9.0 160649.5 -6432.8	3525 9.7 162447.5 -6406.0	3615 8.4 170513.5 -6435.5
3346 7.6 155032.0 -6402.7	3436 9.1 160726.5 -6442.7	3526 8.2 162456.5 -6432.7	3616 9.2 170526.5 -6436.1
3347 8.7 155050.0 -6408.3	3437 9.4 160738.0 -6420.7	3527 9.2 162502.0 -6450.9	3617 9.2 170541.5 -6420.3
3348 9.6 155102.0 -6410.1	3438 7.9 160741.0 -6415.4	3528 9.2 162527.0 -6453.9	3618 9.2 170554.0 -6406.9
3349 9.2 155104.0 -6451.1	3439 9.2 160748.0 -6431.8	3529 9.2 162528.0 -6403.3	3619 9.4 170615.0 -6432.9
3350 9.1 155108.5 -6444.7	3440 9.7 160754.0 -6410.2	3530 8.2 162532.0 -6423.8	3620 9.3 170709.5 -6426.5
3351 9.2 155140.5 -6404.1	3441 9.3 160800.0 -6440.3	3531 8.5 162552.5 -6447.1	3621 9.8 170738.5 -6433.9
3352 9.5 155145.0 -6413.1	3442 6.8 160823.0 -6420.2	3532 9.0 162649.0 -6449.5	3622 9.5 170844.5 -6455.1
3353 8.5 155218.5 -6406.8	3443 9.7 160825.5 -6439.4	3533 9.7 162654.0 -6426.6	3623 9.5 171006.0 -6427.7
3354 9.2 155235.7 -6400.4	3444 8.9 160826.0 -6418.8	3534 8.6 162704.5 -6421.1	3624 9.9 171030.5 -6417.9
3355 9.1 155240.0 -6403.1	3445 9.2 160831.0 -6400.3	3535 9.2 162713.0 -6415.8	3625 9.2 171030.5 -6448.9
3356 9.1 155240.5 -6444.1	3446 8.4 160838.0 -6411.2	3536 8.6 162721.5 -6440.0	3626 8.8 171121.0 -6409.0
3357 9.2 155248.0 -6405.3	3447 8.7 160840.0 -6433.3	3537 9.7 162733.0 -6417.8	3627 8.7 171228.0 -6426.4
3358 9.7 155253.5 -6400.9	3448 9.3 160841.0 -6421.9	3538 9.5 162805.5 -6436.2	3628 9.2 171240.5 -6429.9
3359 9.3 155257.5 -6446.3	3449 8.5 160843.5 -6404.8	3539 9.5 162831.2 -6400.5	3629 9.2 171258.0 -6434.3
3360 9.6 155306.0 -6411.1	3450 8.6 160910.0 -6415.2	3540 9.6 162832.5 -6418.6	3630 8.4 171434.5 -6423.9
3361 9.3 155308.5 -6442.9	3451 9.1 160931.0 -6440.9	3541 9.0 162848.5 -6428.2	3631 9.2 171438.5 -6438.9
3362 8.9 155314.5 -6428.9	3452 9.3 160934.0 -6401.9	3542 9.7 162923.0 -6437.5	3632 9.6 171443.0 -6423.5
3363 9.6 155319.5 -6403.0	3453 9.7 160941.0 -6456.6	3543 8.9 162944.5 -6440.6	3633 9.4 171448.5 -6436.7
3364 9.3 155322.5 -6429.0	3454 9.1 160954.5 -6438.1	3544 9.7 162948.5 -6430.0	3634 8.2 171502.5 -6453.1
3365 9.6 155329.5 -6418.0	3455 9.6 161008.0 -6436.8	3545 9.0 163058.5 -6440.0	3635 9.3 171515.5 -6446.2
3366 9.7 155341.0 -6420.8	3456 9.2 161011.5 -6438.1	3546 9.7 163108.0 -6453.9	3636 9.9 171546.5 -6420.9
3367 9.3 155352.0 -6455.0	3457 9.1 161025.0 -6406.0	3547 9.7 163115.5 -6444.6	3637 8.5 171550.0 -6450.0
3368 9.2 155358.5 -6442.1	3458 9.4 161044.0 -6410.5	3548 9.5 163127.0 -6414.2	3638 9.2 171648.0 -6448.9
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3370 9.7 155405.7 -6403.5	3460 9.7 161045.5 -6441.0	3550 9.5 163224.5 -6454.0	3640 9.2 172014.5 -6459.3
3371 9.2 155417.5 -6438.8	3461 9.7 161051.0 -6400.0	3551 9.7 163252.0 -6422.2	3641 9.2 172021.5 -6404.0
3372 9.5 155446.5 -6458.3	3462 9.3 161126.5 -6416.4	3552 9.5 163308.5 -6457.0	3642 9.6 172037.5 -6448.9
3373 9.6 155451.0 -6446.0	3463 9.3 161135.5 -6427.0	3553 8.1 163309.5 -6449.9	3643 9.2 172114.5 -6454.7
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3382 9.4 155558.7 -6441.3	3472 9.6 161217.0 -6439.6	3562 9.5 163803.0 -6439.6	3652 9.2 172640.5 -6409.4
3383 9.7 155642.5 -6425.9	3473 9.5 161217.5 -6404.0	3563 8.9 163842.5 -6416.8	3653 9.6 172705.5 -6451.0
3384 9.1 155646.0 -6427.0	3474 9.3 161223.5 -6453.8	3564 9.7 163850.5 -6422.2	3654 9.2 172746.0 -6420.7
3385 8.4 155657.5 -6430.8	3475 9.7 161241.0 -6407.1	3565 8.5 163905.5 -6428.2	3655 9.9 172818.5 -6408.6
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3387 9.3 155740.5 -6439.4	3477 8.8 161323.5 -6444.1	3567 8.2 163949.0 -6421.7	3657 9.9 172920.5 -6430.6
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3393 9.6 155910.0 -6430.4	3483 9.7 161505.5 -6420.1	3573 9.5 164240.7 -6459.4	3663 7.2 173339.5 -6415.8
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3395 9.6 155925.7 -6452.9	3485 9.4 161515.0 -6427.2	3575 9.7 164255.5 -6435.5	3665 9.8 173424.5 -6459.2
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3397 9.6 155939.5 -6404.8	3487 9.6 161600.0 -6436.2	3577 9.2 164305.5 -6427.2	3667 9.0 173531.5 -6400.9
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3399 9.5 155948.7 -6446.0	3489 9.3 161611.5 -6455.6	3579 8.5 164342.0 -6438.0	3669 9.0 173544.5 -6438.1
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3408 9.3 160048.5 -6442.1	3498 9.4 161825.5 -6435.3	3588 8.3 164848.0 -6421.2	3678 9.2 173930.2 -6425.3
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3411 9.0 160131.0 -6413.1	3501 9.7 161902.0 -6401.0	3591 9.7 165229.5 -6421.0	3681 10.3 173958.7 -6421.0
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3415 9.3 160301.0 -6455.6	3505 9.4 161951.5 -6429.2	3595 9.0 165822.6 -6458.0	3685 9.8 174018.2 -6432.7
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3417 9.6 160338.0 -6411.4	3507 6.8 162001.3 -6411.7	3597 9.5 165906.0 -6443.9	3687 7.9 174025.3 -6434.6
3418 9.7 160346.3 -6412.5	3508 9.1 162001.8 -6410.3	3598 9.5 170003.5 -6413.9	3688 9.1 174026.7 -6452.3
3419 9.7 160406.5 -6415.7	3509 9.6 162021.0 -6405.7	3599 9.3 170004.2 -6412.4	3689 10.0 174040.2 -6441.8
3420 9.6 160407.5 -6443.5	3510 9.2 162046.7 -6424.9	3600 8.7 170014.5 -6449.9	3690 10.0 174054.7 -6422.7
3421 9.6 160418.0 -6456.1	3511 9.2 162115.0 -6401.4	3601 9.2 170051.2 -6440.9	3691 10.3 174110.2 -6420.7
3422 9.6 160419.0 -6430.1	3512 9.7 162125.7 -6402.0	3602 9.9 170055.0 -6459.1	3692 9.7 174118.2 -6434.9
3423 9.1 160427.5 -6401.0	3513 9.5 162141.0 -6456.9	3603 9.0 170129.0 -6425.8	3693 9.8 174128.2 -6401.7
3424 9.1 160442.5 -6445.7	3514 9.6 162234.0 -6407.0	3604 9.4 170138.5 -6412.0	3694 9.5 174138.2 -6413.1
3425 9.2 160459.5 -6414.1	3515 8.3 162236.0 -6445.5	3605 9.9 170147.5 -6411.4	3695 10.3 174144.7 -6430.4
3426 8.6 160515.0 -6459.2	3516 9.3 162301.5 -6430.2	3606 9.6 170215.5 -6451.8	3696 9.0 174209.6 -6449.8
3427 9.1 160527.5 -6415.6	3517 9.7 162305.5 -6452.2	3607 8.4 170216.0 -6428.5	3697 9.9 174224.7 -6442.1
3428 9.3 160531.0 -6434.7	3518 9.5 162314.0 -6403.6	3608 9.0 170231.0 -6446.3	3698 9.9 174238.7 -6421.5
3429 9.1 160545.0 -6429.9	3519 9.7 162337.0 -6458.2	3609 9.9 170238.5 -6445.9	3699 10.0 174252.7 -6407.7
3430 9.7 160547.0 -6454.0	3520 8.6 162343.5 -6424.6	3610 9.3 170241.7 -6404.3	3700 9.7 174258.7 -6449.8
3431 8.6 160609.0 -6404.3	3521 8.7 162353.0 -6427.2	3611 8.5 170318.7 -6401.3	3701 10.3 174304.2 -6408.8
3432 8.5 160629.0 -6439.9	3522 9.7 162356.0 -6452.0	3612 9.0 170321.2 -6448.0	3702 9.2 174309.6 -6446.6
3433 9.6 160629.5 -6407.1	3523 9.7 162407.0 -6418.2	3613 9.9 170411.5 -6457.2	3703 10.3 174318.2 -6408.2
3434 9.6 160631.5 -6406.2	3524 9.0 162429.5 -6417.3	3614 9.8 170434.0 -6437.1	3704 10.3 174322.2 -6403.6

-64 3704 17h43m

-64 3705 17h43m

-64 4064 20h30m

3705	9.8	174334.2	-6430.9	3795	9.2	175530.5	-6411.5	3885	8.9	181130.5	-6445.8
3706	9.4	174351.7	-6453.3	3796	7.8	175533.5	-6433.2	3886	9.7	181132.5	-6422.3
3707	10.2	174359.7	-6404.8	3797	9.9	175534.0	-6453.0	3887	9.5	181150.0	-6419.7
3708	10.3	174404.2	-6443.3	3798	10.3	175543.5	-6411.6	3888	9.0	181155.5	-6408.3
3709	9.7	174410.7	-6455.0	3799	9.8	175543.5	-6405.6	3889	9.5	181157.0	-6443.3
3710	10.3	174420.2	-6432.9	3800	10.3	175632.3	-6458.9	3890	10.0	181207.0	-6400.2
3711	8.9	174434.2	-6446.6	3801	9.0	175635.0	-6437.5	3891	10.0	181221.5	-6404.7
3712	10.2	174434.2	-6438.2	3802	9.9	175636.5	-6409.8	3892	9.4	181243.5	-6430.4
3713	10.0	174436.2	-6442.6	3803	10.3	175641.0	-6423.1	3893	9.8	181245.0	-6459.7
3714	10.3	174437.7	-6443.0	3804	10.3	175644.0	-6423.1	3894	9.6	181302.2	-6400.4
3715	9.8	174443.2	-6447.6	3805	10.2	175654.0	-6423.9	3895	9.8	181324.0	-6416.5
3716	10.0	174444.7	-6410.4	3806	10.0	175654.0	-6431.1	3896	9.2	181337.5	-6412.6
3717	9.4	174509.7	-6425.8	3807	10.0	175656.0	-6433.3	3897	9.8	181341.5	-6415.0
3718	9.8	174543.2	-6438.7	3808	10.3	175706.0	-6450.6	3898	9.6	181343.5	-6426.8
3719	10.2	174545.2	-6459.9	3809	10.3	175707.3	-6452.4	3899	10.3	181353.0	-6448.2
3720	10.3	174547.4	-6458.0	3810	9.6	175729.0	-6434.6	3900	8.8	181400.0	-6421.0
3721	9.9	174601.7	-6422.0	3811	10.3	175729.3	-6423.7	3901	8.7	181405.5	-6441.9
3722	9.4	174604.2	-6436.1	3812	10.3	175732.5	-6456.9	3902	10.3	181419.5	-6427.6
3723	9.2	174609.7	-6428.5	3813	10.3	175742.0	-6438.4	3903	9.6	181422.0	-6406.2
3724	9.0	174641.7	-6420.3	3814	9.9	175753.0	-6404.9	3904	10.3	181436.3	-6438.2
3725	10.2	174651.7	-6447.6	3815	10.3	175805.5	-6405.6	3905	8.8	181522.0	-6443.9
3726	10.2	174656.7	-6412.8	3816	9.8	175808.5	-6430.6	3906	10.3	181533.0	-6434.2
3727	9.1	174715.7	-6404.3	3817	9.2	175813.5	-6440.0	3907	8.7	181549.0	-6422.7
3728	10.2	174732.7	-6432.2	3818	9.1	175826.5	-6411.7	3908	10.3	181559.0	-6435.5
3729	10.3	174756.7	-6415.3	3819	9.5	175833.5	-6433.6	3909	10.3	181609.5	-6448.1
3730	9.7	174758.7	-6431.7	3820	9.6	175842.0	-6426.7	3910	10.3	181617.0	-6433.8
3731	9.6	174800.2	-6454.7	3821	10.2	175843.5	-6433.6	3911	8.7	181620.5	-6432.7
3732	9.5	174808.7	-6444.6	3822	8.4	175853.0	-6431.9	3912	10.0	181639.0	-6437.6
3733	10.3	174810.1	-6410.6	3823	10.2	175925.3	-6401.7	3913	9.8	181702.5	-6417.0
3734	9.4	174810.2	-6455.4	3824	9.8	175949.0	-6426.1	3914	10.0	181703.5	-6404.9
3735	9.4	174812.2	-6412.0	3825	10.2	175954.5	-6416.0	3915	10.2	181712.5	-6439.9
3736	10.3	174813.2	-6441.7	3826	8.3	180007.0	-6400.4	3916	10.2	181721.0	-6440.6
3737	10.0	174814.2	-6433.1	3827	10.2	180024.5	-6437.3	3917	8.7	181728.5	-6439.8
3738	9.6	174815.7	-6429.1	3828	9.9	180027.5	-6417.1	3918	10.0	181809.5	-6423.8
3739	9.6	174819.6	-6401.9	3829	10.3	180055.5	-6456.5	3919	9.5	181822.8	-6431.3
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3741	10.2	174827.2	-6437.2	3831	9.4	180126.5	-6407.6	3921	10.3	181837.5	-6404.3
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3743	10.0	174841.2	-6436.9	3833	9.1	180140.5	-6442.9	3923	8.6	181903.5	-6412.1
3744	10.3	174841.7	-6416.9	3834	9.8	180150.5	-6419.2	3924	10.3	181910.5	-6435.1
3745	10.3	174843.4	-6427.0	3835	9.8	180152.3	-6457.9	3925	9.0	181918.0	-6444.4
3746	10.2	174847.2	-6409.3	3836	10.3	180202.5	-6430.4	3926	10.2	181925.5	-6406.7
3747	9.9	174903.1	-6401.1	3837	9.8	180222.0	-6425.9	3927	10.2	181926.0	-6425.4
3748	10.3	174908.7	-6431.8	3838	10.0	180245.0	-6450.5	3928	9.0	181937.5	-6420.2
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3772	9.8	175140.6	-6401.9	3862	9.0	180652.5	-6406.8	3952	9.6	183418.5	-6426.7
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3990	9.5	191439.0	-6414.5								
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3992	9.5	191710.5	-6404.8								
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4105 10.4 210244.5 -6433.6	4195 10.2 215132.5 -6415.8	4285 9.0 223228.0 -6424.3	4375 9.2 233750.0 -6417.2
4106 10.2 210324.5 -6449.1	4196 10.2 215159.7 -6402.2	4286 8.4 223239.5 -6447.7	4376 10.1 233810.5 -6419.3
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4115 9.4 210822.5 -6437.1	4205 10.0 215540.5 -6454.5	4295 8.4 223651.5 -6406.9	4385 10.2 234726.7 -6404.0
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4147 10.4 212330.0 -6457.6	4237 10.1 221114.5 -6450.6	4327 10.1 230401.5 -6430.0	13 5.1 01336.7 -6536.3
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4154 10.0 212730.5 -6405.3	4244 10.1 221418.4 -6426.2	4334 8.8 231000.5 -6412.9	20 7.9 01714.2 -6548.8

-65 21 0h17m

-65 380 4h46m

21	10.4	01738.7 -6532.2	111	10.9	05912.8 -6550.0	201	7.6	25042.3 -6558.0	291	8.7	35407.0 -6538.9
22	9.6	01851.7 -6534.5	112	8.0	05945.4 -6522.3	202	9.4	25141.0 -6527.9	292	9.5	35414.0 -6519.0
23	9.6	01915.4 -6527.8	113	9.8	10003.0 -6503.8	203	7.3	25141.0 -6524.5	293	9.4	35430.7 -6500.2
24	9.6	01922.4 -6531.9	114	9.2	10153.1 -6526.4	204	9.5	25404.0 -6540.2	294	7.7	35434.5 -6533.0
25	10.0	01926.7 -6506.4	115	9.8	10347.5 -6506.6	205	9.3	25426.5 -6538.0	295	9.2	35548.5 -6543.0
26	9.1	01937.0 -6531.9	116	9.7	10355.5 -6526.8	206	8.9	25526.0 -6525.4	296	9.1	35657.0 -6511.9
27	10.9	01938.4 -6556.9	117	9.6	10402.5 -6500.0	207	8.9	25645.5 -6543.0	297	10.1	35704.5 -6524.3
28	9.4	01959.0 -6538.0	118	9.6	10440.0 -6553.4	208	8.9	25844.0 -6535.7	298	9.2	35908.5 -6529.0
29	9.5	02057.4 -6518.0	119	9.0	10514.7 -6501.6	209	9.5	30028.8 -6543.5	299	9.1	40315.5 -6535.4
30	10.2	02058.4 -6514.1	120	9.5	10550.0 -6510.6	210	8.2	30135.5 -6518.5	300	10.1	40338.0 -6523.2
31	10.0	02150.2 -6558.9	121	9.7	10735.0 -6512.0	211	8.7	30210.8 -6538.9	301	9.8	40404.5 -6556.1
32	10.2	02202.7 -6503.3	122	9.7	10825.0 -6516.9	212	8.8	30215.5 -6501.2	302	10.1	40525.5 -6509.9
33	10.4	02216.7 -6532.9	123	8.5	10909.0 -6541.8	213	9.0	30230.0 -6504.9	303	10.1	40528.0 -6524.1
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36	10.5	02315.7 -6532.0	126	9.7	11231.0 -6529.4	216	9.1	30413.5 -6533.2	306	9.5	40754.5 -6501.9
37	10.0	02317.0 -6507.8	127	8.2	11309.0 -6552.2	217	9.6	30415.0 -6550.3	307	10.1	40808.0 -6556.6
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44	10.4	02519.0 -6531.0	134	7.8	12628.5 -6545.8	224	9.6	30923.5 -6545.0	314	10.1	41055.5 -6550.8
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49	10.4	02649.5 -6543.4	139	8.4	13050.4 -6556.2	229	9.6	31240.5 -6555.2	319	10.1	41303.0 -6540.9
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72	10.6	03730.5 -6527.1	162	8.8	15812.0 -6531.8	252	9.3	33304.0 -6536.2	342	9.8	42656.0 -6527.6
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88	10.9	04658.8 -6514.8	178	9.0	22452.0 -6520.1	268	10.1	34500.5 -6508.6	358	9.8	43502.5 -6559.5
89	8.8	04736.8 -6531.4	179	9.0	22510.0 -6552.9	269	10.1	34505.3 -6502.6	359	9.8	43550.0 -6540.7
90	9.8	04809.8 -6504.0	180	9.4	22518.0 -6507.1	270	10.1	34530.5 -6500.5	360	9.9	43554.0 -6506.7
91	10.2	04823.8 -6547.8	181	9.4	22541.0 -6501.8	271	9.2	34604.0 -6518.2	361	9.1	43729.5 -6542.0
92	10.4	04842.8 -6558.5	182	9.3	22612.5 -6500.8	272	8.2	34630.5 -6513.3	362	9.0	43746.0 -6520.3
93	10.2	04851.4 -6558.4	183	9.4	22613.5 -6514.7	273	10.1	34655.0 -6515.1	363	9.2	43752.5 -6557.1
94	9.8	04904.3 -6540.0	184	9.3	22635.0 -6540.5	274	10.1	34702.5 -6516.1	364	8.9	43834.5 -6531.0
95	10.6	05029.3 -6522.8	185	9.1	22858.5 -6527.5	275	10.1	34844.0 -6552.0	365	8.7	43907.5 -6554.2
96	9.4	05055.8 -6552.9	186	8.7	23117.0 -6502.5	276	9.8	34853.5 -6527.3	366	9.6	43938.5 -6550.6
97	10.2	05120.8 -6539.4	187	9.3	23127.5 -6512.0	277	10.0	34858.5 -6540.0	367	9.8	43949.0 -6553.0
98	9.8	05215.3 -6534.6	188	9.5	23216.0 -6518.0	278	10.0	34938.0 -6535.0	368	9.2	44003.5 -6511.3
99	10.0	05241.8 -6557.3	189	9.5	23230.5 -6538.7	279	8.4	35000.5 -6539.6	369	8.7	44031.5 -6532.7
100	8.9	05311.3 -6523.3	190	9.4	23532.5 -6519.4	280	9.7	35040.5 -6510.0	370	9.3	44044.0 -6517.9
101	8.3	05314.8 -6526.3	191	8.7	23634.5 -6552.2	281	10.1	35100.0 -6502.8	371	8.7	44113.0 -6545.0
102	8.8	05542.8 -6520.3	192	9.1	23654.0 -6522.2	282	10.1	35107.5 -6541.2	372	9.2	44147.5 -6508.0
103	10.2	05642.8 -6521.2	193	9.4	23825.0 -6531.9	283	9.2	35119.5 -6558.6	373	9.0	44155.5 -6507.0
104	10.0	05705.3 -6511.1	194	9.0	23837.0 -6521.6	284	10.1	35131.0 -6551.3	374	8.8	44158.5 -6516.3
105	10.2	05706.8 -6502.0	195	9.4	24445.0 -6514.1	285	9.5	35150.5 -6531.8	375	9.2	44201.5 -6518.0
106	9.8	05729.3 -6535.9	196	9.5	24504.5 -6529.9	286	10.0	35207.0 -6530.3	376	8.7	44323.0 -6544.0
107	10.5	05729.3 -6502.9	197	9.4	24537.5 -6526.1	287	9.1	35208.0 -6506.9	377	8.9	44408.5 -6512.0
108	9.5	05826.5 -6502.1	198	9.0	24635.5 -6545.4	288	10.1	35254.5 -6536.2	378	9.0	44437.0 -6501.9
109	9.7	05904.9 -6528.5	199	9.5	24832.5 -6520.3	289	10.1	35303.0 -6558.2	379	9.9	44514.5 -6507.0
110	9.4	05905.9 -6546.3	200	9.5	24939.5 -6524.0	290	10.1	35351.5 -6542.2	380	9.0	44601.0 -6539.9

381	9.6	44623.0	-6514.8	471	10.0	52624.0	-6515.6	561	6.7	61058.0	-6533.6	651	9.4	64411.5	-6559.3
382	9.5	44719.5	-6547.8	472	10.0	52630.5	-6506.9	562	10.1	61115.5	-6554.9	652	10.0	64427.0	-6511.1
383	9.9	44733.0	-6540.9	473	10.0	52728.5	-6546.7	563	9.9	61124.5	-6501.1	653	10.0	64602.5	-6513.1
384	9.5	44805.3	-6557.7	474	9.5	52817.2	-6500.5	564	9.0	61134.0	-6530.8	654	10.0	64616.0	-6513.9
385	9.0	44846.0	-6547.9	475	7.1	52822.0	-6532.7	565	7.3	61152.5	-6530.0	655	10.0	64622.0	-6529.1
386	9.0	44927.0	-6517.3	476	8.1	52842.5	-6505.7	566	8.5	61157.0	-6530.1	656	9.1	64653.0	-6525.9
387	9.3	44927.5	-6549.8	477	9.8	52929.0	-6555.8	567	9.9	61202.5	-6543.4	657	9.5	64709.5	-6535.7
388	9.1	44952.0	-6523.6	478	10.0	52934.2	-6500.1	568	10.0	61218.0	-6543.3	658	9.1	64811.5	-6554.5
389	9.8	45133.0	-6513.9	479	8.5	53038.5	-6533.4	569	9.0	61242.5	-6546.6	659	9.5	64843.5	-6558.1
390	9.3	45152.5	-6538.2	480	9.5	53041.5	-6512.9	570	9.0	61310.5	-6526.5	660	10.0	64901.5	-6514.0
391	9.9	45310.5	-6516.1	481	10.0	53129.0	-6555.5	571	8.8	61338.5	-6529.0	661	9.3	64905.0	-6502.2
392	9.1	45343.0	-6535.6	482	10.0	53218.5	-6554.5	572	9.1	61352.5	-6542.1	662	9.3	65058.5	-6535.0
393	9.2	45422.5	-6509.5	483	8.2	53244.5	-6506.5	573	9.7	61713.5	-6546.7	663	8.0	65123.0	-6527.8
394	6.6	45628.5	-6512.4	484	9.7	53427.0	-6556.9	574	9.0	61825.5	-6503.5	664	8.7	65146.5	-6506.2
395	9.5	45645.5	-6541.3	485	9.5	53528.7	-6502.2	575	10.0	61833.5	-6501.6	665	10.0	65152.5	-6516.0
396	9.5	45709.0	-6528.1	486	9.8	53557.0	-6514.9	576	10.0	61908.5	-6502.1	666	8.3	65225.5	-6515.9
397	9.9	45721.0	-6544.0	487	9.2	53609.0	-6503.5	577	10.0	61910.5	-6540.5	667	10.0	65235.5	-6533.0
398	9.2	45842.7	-6551.0	488	9.4	53815.5	-6529.8	578	9.3	61939.3	-6516.6	668	10.0	65253.5	-6511.1
399	10.0	45859.0	-6553.0	489	9.4	53847.8	-6519.2	579	10.0	62049.0	-6509.0	669	8.7	65254.0	-6542.0
400	10.0	45905.0	-6509.7	490	9.0	53919.5	-6527.3	580	9.8	62124.0	-6506.1	670	9.0	65322.0	-6545.1
401	10.0	45914.0	-6519.1	491	9.0	54105.2	-6530.2	581	10.0	62143.0	-6531.0	671	10.0	65415.0	-6513.6
402	10.0	45918.0	-6546.9	492	8.9	54211.5	-6511.1	582	9.4	62156.0	-6541.0	672	9.2	65431.5	-6511.0
403	9.5	45932.0	-6518.4	493	8.8	54307.0	-6546.8	583	10.0	62157.0	-6501.6	673	8.2	65512.0	-6547.0
404	9.5	45942.5	-6556.7	494	8.9	54340.0	-6532.3	584	10.0	62159.0	-6518.2	674	9.4	65536.0	-6535.6
405	9.1	45946.0	-6532.1	495	9.0	54344.5	-6509.1	585	9.4	62300.0	-6530.0	675	10.0	65549.0	-6539.9
406	9.4	50006.3	-6529.9	496	5.0	54431.5	-6546.9	586	9.8	62306.5	-6537.4	676	9.4	65603.0	-6542.0
407	9.7	50039.0	-6539.8	497	9.4	54441.0	-6521.7	587	10.0	62320.5	-6530.9	677	9.3	65630.5	-6532.4
408	9.4	50040.7	-6515.1	498	9.3	54443.5	-6533.0	588	8.1	62400.5	-6536.2	678	9.6	65650.5	-6551.2
409	8.7	50046.0	-6543.9	499	9.6	54510.5	-6506.3	589	9.5	62401.2	-6557.0	679	9.7	65755.0	-6536.8
410	9.7	50051.0	-6559.4	500	9.3	54515.5	-6510.8	590	9.0	62433.5	-6526.0	680	9.7	65826.0	-6542.8
411	9.7	50102.0	-6535.4	501	9.0	54622.5	-6531.8	591	9.2	62436.0	-6542.0	681	9.1	65830.7	-6502.4
412	10.0	50123.5	-6530.9	502	9.4	54643.0	-6529.9	592	9.6	62439.5	-6518.4	682	9.0	65928.5	-6541.3
413	9.7	50128.0	-6559.9	503	9.4	54744.5	-6504.5	593	9.5	62514.5	-6546.2	683	9.2	65931.5	-6504.6
414	9.3	50130.3	-6545.4	504	8.6	54811.5	-6512.2	594	10.0	62539.5	-6530.3	684	9.5	65956.3	-6554.5
415	9.3	50141.2	-6511.9	505	9.6	54833.5	-6554.0	595	10.0	62555.0	-6504.4	685	8.7	70002.5	-6544.0
416	9.5	50145.0	-6505.5	506	10.0	54837.0	-6554.5	596	9.1	62618.0	-6542.0	686	8.0	70038.8	-6531.6
417	8.8	50147.0	-6504.9	507	7.9	55017.0	-6517.3	597	10.0	62640.0	-6541.0	687	9.2	70059.7	-6558.3
418	9.8	50152.5	-6536.9	508	10.0	55029.5	-6511.2	598	10.0	62650.0	-6542.6	688	9.7	70121.5	-6515.7
419	9.4	50226.5	-6500.8	509	10.0	55034.5	-6502.0	599	9.5	62651.0	-6536.6	689	9.7	70134.0	-6544.0
420	9.5	50244.0	-6515.7	510	10.0	55045.5	-6530.8	600	10.0	62712.0	-6553.5	690	9.2	70136.2	-6522.5
421	8.9	50321.5	-6511.0	511	9.6	55052.5	-6552.3	601	8.9	62729.0	-6537.3	691	9.7	70153.0	-6525.0
422	9.8	50330.5	-6535.9	512	9.6	55057.0	-6557.0	602	9.3	62742.0	-6538.4	692	9.2	70212.0	-6523.8
423	9.1	50414.0	-6555.9	513	10.1	55132.5	-6532.6	603	10.0	62755.0	-6510.7	693	9.3	70330.5	-6530.8
424	9.8	50443.0	-6509.3	514	9.0	55151.0	-6535.9	604	9.6	62809.0	-6548.3	694	9.5	70332.0	-6517.4
425	10.0	50511.0	-6517.4	515	9.9	55158.5	-6516.9	605	9.6	62811.0	-6517.1	695	9.7	70333.5	-6550.8
426	9.7	50523.0	-6542.5	516	9.3	55225.0	-6512.7	606	9.4	62831.0	-6528.5	696	9.6	70336.5	-6507.9
427	9.3	50609.3	-6558.5	517	9.3	55255.5	-6535.2	607	8.8	62836.0	-6533.4	697	9.2	70400.5	-6519.8
428	8.5	50611.0	-6532.3	518	9.4	55256.5	-6524.6	608	9.6	62841.5	-6519.6	698	9.4	70415.5	-6551.3
429	10.0	50624.5	-6541.9	519	9.7	55407.5	-6519.7	609	10.0	62848.0	-6512.8	699	9.2	70528.0	-6508.0
430	9.4	50629.0	-6542.4	520	9.6	55428.0	-6509.0	610	6.8	62942.0	-6528.6	700	9.6	70552.5	-6514.0
431	9.4	50630.0	-6549.9	521	9.6	55434.5	-6556.0	611	8.2	63010.0	-6556.0	701	9.4	70622.3	-6500.2
432	9.8	50710.5	-6543.9	522	9.4	55443.0	-6558.0	612	9.6	63040.0	-6526.9	702	9.3	70653.0	-6551.8
433	9.8	50723.8	-6558.4	523	7.8	55446.0	-6554.0	613	9.2	63107.5	-6518.0	703	9.3	70703.5	-6520.1
434	9.8	50737.3	-6559.8	524	8.5	55448.5	-6558.6	614	10.0	63108.5	-6551.0	704	9.7	70705.5	-6501.0
435	8.7	50850.0	-6517.0	525	9.1	55547.0	-6501.5	615	10.0	63110.0	-6558.8	705	9.7	70711.0	-6510.5
436	10.0	50929.5	-6539.9	526	9.0	55700.5	-6517.7	616	8.0	63146.0	-6513.3	706	9.7	70711.5	-6530.0
437	8.9	50932.0	-6511.7	527	10.1	55700.5	-6540.0	617	9.3	63148.5	-6547.0	707	9.7	70713.0	-6505.4
438	9.8	50934.0	-6533.9	528	8.9	55732.5	-6523.8	618	8.0	63155.5	-6516.3	708	9.6	70831.5	-6534.0
439	9.3	50936.5	-6541.9	529	10.0	55854.0	-6516.2	619	9.2	63200.0	-6549.3	709	9.7	70840.0	-6550.1
440	9.8	51041.0	-6549.9	530	9.0	55900.0	-6523.7	620	9.8	63214.5	-6516.8	710	9.7	70915.5	-6546.0
441	7.0	51131.5	-6519.3	531	8.5	55921.5	-6526.9	621	8.9	63359.2	-6559.8	711	9.2	70930.5	-6546.8
442	9.3	51243.5	-6507.1	532	9.6	55923.5	-6525.1	622	9.6	63414.0	-6537.6	712	9.2	70954.0	-6523.0
443	7.5	51257.5	-6522.5	533	10.1	55955.5	-6515.0	623	9.8	63442.5	-6547.6	713	9.7	70954.5	-6529.1
444	20.0	51314.5	-6536.1	534	10.1	60119.0	-6529.7	624	10.0	63501.0	-6558.1	714	8.9	71019.5	-6533.0
445	9.8	51351.5	-6500.9	535	10.0	60141.5	-6509.1	625	10.0	63508.5	-6536.6	715	9.6	71104.5	-6517.8
446	10.0	51358.5	-6550.5	536	8.5	60147.0	-6520.2	626	10.0	63628.0	-6553.1	716	9.7	71113.0	-6541.0
447	10.0	51530.0	-6504.5	537	9.7	60147.0	-6508.5	627	10.0	63733.0	-6553.7	717	9.3	71120.5	-6510.8
448	9.7	51651.5	-6543.0	538	9.7	60216.5	-6539.6	628	9.2	63749.5	-6518.1	718	9.3	71158.0	-6520.0
449	9.7	51701.0	-6522.9	539	9.1	60228.0	-6548.9	629	10.0	63751.5	-6529.7	719	9.3	71230.5	-6511.0
450	10.0	51705.0	-6501.7	540	9.4	60238.5	-6553.1	630	9.4	63806.0	-6548.8	720	9.4	71250.5	-6514.2
451	9.5	51721.0	-6514.1	541	9.4	60244.5	-6546.1	631	8.0	63811.7	-6558.3	721	9.3	71343.0	-6553.0
452	9.2	51752.5	-6539.3	542	9.1	60248.0	-6515.0	632	10.0	63823.0	-6512.1	722	9.7	71404.0	-6505.7
453	10.0	51833.5	-6548.9	543	10.0	60329.5	-6524.1	633	9.3	63838.0	-6551.7	723	9.7	71405.0	-6521.0
454	10.0	51926.0	-6516.1	544	9.3	60352.0	-6534.8	634	10.0	63901.5	-6533.2	724	9.6	71422.0	-6532.1
455	8.7	51929.5	-6542.3	545	10.1	60440.0	-6541.1	635	9.4	63910.5	-6509.7	725	9.6	71431.0	-6554.7
456	9.5	52019.0	-6552.7	546	8.7	60458.0	-6550.1	636	8.1	63913.0	-6509.3	726	8.9	71518.0	-6558.4
457	8.9	52044.5	-6555.1	547	9.4	60511.0	-6551.3	637	10.0	63926.0	-6513.3	727	9.2	71520.5	-6558.0
458	9.7	52107.0	-6512.4	548	10.0	60516.0	-6543.3	638	9.7	63943.5	-6530.7	728	9.0	71613.0	-6509.7
459	9.7	52121.0	-6520.5	549	8.5	60538.0	-6517.4	639	9.2	63952.0	-6549.0	729	9.7	71621.5	-6539.9
460	9.3	52124.0	-6545.3	550	10.1	60544.5	-6553.2	640	9.6	64002.0	-6557.0	730	9.7	71623.0	-6514.0
461	9.5	52125.0	-6551.9	551	9.1	60558.0	-6531.9	641	10.0	64006.5	-6512.5	731	9.5	71630.5	-6538.9
462	9.4	52126.0	-6559.0	552	9.7	60637.5	-6547.2	642	10.0	64007.0	-6512.9	732	9.6	71632.0	-6515.8
463	10.0	52219.0	-6550.9	553	8.8	60727.5	-6515.3	643	8.8	64102.5	-6551.3	733	9.6	71641.5	-6523.0
464	10.0	52252.5	-6552.9	554	9.4	60751.0	-6559.9	644	7.9	64105.0	-6520.4	734	9.2	71647.5	-6551.0
465	8.9	52327.5	-6516.7	555	8.8	60837.0	-6503.8	645	9.6	64124.5	-6520.4	735	9.4	71651.5	-6520.0
466	10.0	52344.0	-6509.1	556	9.6	60907.0	-6539.1	646	9.6	64149.0	-6500.5	736	9.3	71658.0	-6511.0
467	9.3	52439.5	-6537.5	557	8.1	60946.0	-6517.1	647	8.7	64154.5	-6558.1	737	9.7	71712.5	-6505.0
468	9.1	52520.0	-6505.5	558	9.0	60951.0	-6552.6	648	8.2	64203.0	-6536.9	738	9.2	71740.0	-6525.2
469	8.5	52537.0	-6550.7	559	9.4	61018.0	-6539.6	649	9.6	64403.0	-6508.8	739	9.5	71814.0	-6547.3
470	10.0	52601.5	-6552.2	560	9.0	61039.0	-6522.4	650	9.2	64406.0	-6526.3	740	9.0	71816.5	-6536.1

-65 741 7h18m

-65 1100 9h16m

741	9.7	71832.5	-6545.4	831	9.6	75118.5	-6529.1	921	9.9	82059.0	-6541.0	1011	9.6	84229.5	-6532.1
742	9.3	71929.0	-6551.1	832	9.7	75127.5	-6521.8	922	8.8	82059.5	-6542.0	1012	10.0	84238.5	-6544.1
743	9.1	71951.0	-6550.0	833	9.7	75136.5	-6520.3	923	9.7	82122.0	-6538.1	1013	6.5	84245.5	-6522.4
744	9.5	72000.0	-6525.0	834	9.3	75142.0	-6503.9	924	9.1	82217.0	-6524.2	1014	8.5	84252.5	-6514.4
745	9.6	72001.2	-6500.2	835	9.4	75208.0	-6529.0	925	9.8	82234.8	-6501.8	1015	9.0	84341.0	-6539.5
746	9.5	72017.0	-6540.1	836	9.1	75217.0	-6547.6	926	9.5	82235.0	-6509.0	1016	10.0	84345.5	-6520.5
747	9.1	72050.0	-6524.9	837	9.7	75219.5	-6554.2	927	10.0	82244.5	-6537.2	1017	9.4	84350.0	-6533.1
748	9.4	72107.0	-6515.3	838	9.4	75312.0	-6506.6	928	9.5	82314.5	-6525.4	1018	9.4	84358.0	-6513.1
749	9.5	72125.5	-6549.5	839	9.1	75354.5	-6553.0	929	9.3	82322.0	-6509.8	1019	8.9	84410.0	-6555.1
750	9.4	72126.0	-6508.9	840	9.7	75505.0	-6523.9	930	10.0	82408.0	-6534.0	1020	9.5	84412.0	-6541.9
751	9.7	72127.0	-6507.2	841	9.5	75516.5	-6501.2	931	9.3	82418.5	-6551.4	1021	9.5	84432.5	-6549.2
752	9.7	72146.5	-6559.6	842	9.1	75522.0	-6529.0	932	10.0	82419.5	-6534.8	1022	10.0	84436.0	-6535.0
753	8.7	72222.0	-6513.2	843	8.7	75534.0	-6516.7	933	5.7	82421.5	-6543.1	1023	9.4	84442.0	-6537.0
754	9.2	72258.7	-6559.7	844	9.7	75609.5	-6540.7	934	10.0	82427.7	-6557.9	1024	9.6	84455.5	-6539.6
755	9.5	72306.0	-6543.6	845	9.0	75637.0	-6530.0	935	9.9	82438.0	-6534.5	1025	9.5	84500.5	-6533.8
756	9.5	72345.0	-6555.2	846	8.5	75640.5	-6534.0	936	10.0	82439.0	-6524.0	1026	9.6	84559.0	-6533.8
757	8.9	72444.5	-6541.0	847	9.4	75707.5	-6540.6	937	9.5	82439.5	-6511.2	1027	10.0	84612.0	-6540.0
758	8.5	72500.0	-6503.9	848	9.7	75709.0	-6543.5	938	9.4	82449.5	-6532.8	1028	10.0	84650.0	-6508.5
759	8.8	72506.5	-6518.0	849	9.6	75718.5	-6511.2	939	8.9	82458.0	-6549.4	1029	8.7	84717.5	-6505.8
760	9.4	72537.5	-6519.1	850	9.4	75804.0	-6535.0	940	9.2	82511.0	-6506.0	1030	10.0	84734.5	-6512.2
761	9.1	72558.5	-6559.5	851	9.4	75820.0	-6537.8	941	9.3	82519.0	-6535.2	1031	10.0	84735.0	-6513.8
762	8.4	72612.0	-6520.4	852	9.0	75824.5	-6549.2	942	9.2	82522.0	-6535.4	1032	9.6	84738.0	-6526.4
763	8.9	72649.2	-6559.9	853	8.8	75826.0	-6505.6	943	10.0	82526.0	-6511.0	1033	9.1	84742.5	-6538.1
764	9.0	72658.5	-6535.2	854	9.5	75936.0	-6521.1	944	9.1	82538.0	-6535.9	1034	10.0	84755.5	-6542.1
765	9.7	72710.5	-6548.0	855	9.6	80014.0	-6553.9	945	9.7	82550.0	-6501.8	1035	9.3	84816.0	-6554.2
766	9.7	72748.5	-6550.1	856	9.5	80038.5	-6505.3	946	9.4	82603.5	-6541.4	1036	9.6	84822.0	-6558.9
767	9.4	72759.0	-6530.8	857	8.6	80126.5	-6514.2	947	9.6	82610.5	-6552.0	1037	10.0	84837.0	-6535.2
768	9.7	72807.0	-6502.1	858	8.3	80130.5	-6539.8	948	9.4	82615.0	-6519.3	1038	10.0	84849.0	-6549.9
769	9.6	72828.0	-6542.9	859	9.7	80141.5	-6522.9	949	10.0	82618.0	-6507.1	1039	9.0	84853.5	-6518.6
770	9.2	72910.0	-6522.0	860	9.5	80142.0	-6529.0	950	9.8	82642.5	-6550.4	1040	9.2	84900.0	-6508.9
771	9.1	73031.5	-6520.8	861	9.1	80156.5	-6551.6	951	9.8	82650.0	-6514.9	1041	10.0	84915.5	-6537.2
772	9.7	73107.5	-6507.5	862	8.7	80248.5	-6559.2	952	10.0	82653.0	-6514.1	1042	9.3	84932.0	-6549.3
773	8.9	73107.5	-6540.9	863	9.6	80345.0	-6532.0	953	9.4	82701.0	-6525.8	1043	9.4	84954.0	-6515.3
774	9.2	73126.0	-6532.4	864	9.7	80355.5	-6511.0	954	10.0	82747.5	-6549.0	1044	10.0	84956.5	-6538.3
775	9.5	73330.0	-6559.9	865	9.4	80402.0	-6540.9	955	9.4	82839.5	-6539.0	1045	10.0	85104.5	-6540.0
776	9.0	73330.0	-6524.8	866	9.4	80431.0	-6555.7	956	9.2	82906.0	-6510.8	1046	10.0	85140.0	-6559.7
777	9.4	73336.5	-6554.1	867	9.7	80435.0	-6555.1	957	9.4	82913.5	-6557.8	1047	9.5	85209.0	-6521.0
778	9.7	73342.5	-6512.0	868	9.5	80441.0	-6547.6	958	8.8	82931.5	-6514.9	1048	9.3	85212.0	-6536.7
779	8.9	73400.0	-6517.2	869	9.0	80449.5	-6510.0	959	7.1	82945.5	-6506.0	1049	9.2	85246.0	-6559.3
780	9.7	73519.5	-6557.1	870	8.9	80454.5	-6543.4	960	8.4	82953.0	-6516.6	1050	10.0	85248.0	-6545.2
781	9.7	73610.5	-6510.1	871	9.4	80458.0	-6527.0	961	10.0	83009.0	-6522.0	1051	10.0	85253.5	-6555.0
782	9.7	73620.5	-6542.1	872	9.3	80532.5	-6544.0	962	8.9	83022.0	-6519.7	1052	9.6	85255.5	-6555.3
783	8.8	73622.0	-6520.4	873	9.1	80534.5	-6517.0	963	8.7	83031.0	-6514.5	1053	10.0	85327.0	-6546.1
784	9.7	73636.0	-6533.6	874	9.7	80548.0	-6507.2	964	10.0	83031.0	-6555.6	1054	10.0	85423.5	-6534.8
785	8.4	73650.5	-6537.9	875	9.2	80602.5	-6526.0	965	10.0	83037.0	-6532.6	1055	9.6	85517.8	-6558.5
786	8.9	73715.5	-6510.4	876	8.6	80624.5	-6536.6	966	9.8	83043.5	-6502.4	1056	8.0	85527.0	-6543.2
787	9.7	73750.5	-6557.1	877	9.4	80627.5	-6531.1	967	9.3	83048.0	-6524.9	1057	10.0	85652.5	-6532.8
788	9.7	73820.0	-6546.9	878	9.4	80820.5	-6525.7	968	10.0	83051.0	-6511.8	1058	10.0	85800.0	-6523.8
789	9.7	73821.0	-6549.9	879	9.3	80834.0	-6506.9	969	9.1	83058.0	-6539.3	1059	10.0	85813.5	-6502.9
790	9.4	73910.7	-6551.1	880	9.4	80839.5	-6535.1	970	9.5	83100.0	-6541.2	1060	8.0	85825.3	-6551.6
791	9.4	73915.7	-6539.1	881	9.6	80910.0	-6537.9	971	9.2	83123.5	-6519.8	1061	10.0	85850.5	-6521.3
792	9.4	73917.7	-6509.3	882	9.7	80915.5	-6505.1	972	10.0	83148.0	-6551.0	1062	10.0	85938.5	-6538.4
793	9.4	74000.0	-6529.9	883	9.5	80916.5	-6528.6	973	9.4	83202.0	-6556.2	1063	8.4	85959.2	-6559.9
794	9.6	74028.0	-6553.9	884	8.8	80925.0	-6538.6	974	9.4	83304.5	-6559.1	1064	10.0	90020.0	-6517.2
795	9.3	74046.0	-6505.1	885	9.3	81006.0	-6503.8	975	9.2	83307.5	-6535.8	1065	5.3	90026.8	-6553.8
796	8.4	74055.0	-6529.3	886	9.2	81039.3	-6501.9	976	10.0	83330.5	-6525.2	1066	9.1	90029.0	-6521.6
797	8.8	74105.0	-6513.2	887	9.3	81039.5	-6540.9	977	8.2	83405.5	-6555.6	1067	9.5	90040.6	-6502.6
798	9.7	74139.5	-6523.8	888	9.4	81042.0	-6550.9	978	10.0	83428.5	-6534.8	1068	9.2	90057.7	-6536.6
799	9.7	74148.5	-6535.8	889	9.4	81109.5	-6510.2	979	9.2	83445.0	-6506.8	1069	9.3	90107.0	-6529.8
800	9.4	74158.0	-6552.5	890	9.1	81145.0	-6520.7	980	9.5	83449.0	-6532.4	1070	9.1	90142.5	-6524.6
801	9.7	74159.5	-6529.5	891	8.9	81147.0	-6500.7	981	9.1	83502.5	-6510.5	1071	9.3	90145.5	-6554.5
802	9.7	74250.5	-6539.4	892	9.6	81206.0	-6538.9	982	10.0	83539.5	-6503.8	1072	9.5	90216.0	-6559.7
803	9.6	74325.5	-6540.9	893	9.7	81214.5	-6508.1	983	9.9	83632.5	-6542.2	1073	9.2	90220.7	-6558.6
804	9.7	74350.0	-6536.9	894	8.8	81256.0	-6531.9	984	10.0	83641.5	-6522.6	1074	9.2	90232.0	-6521.1
805	9.0	74355.0	-6510.5	895	8.8	81256.5	-6538.5	985	9.6	83656.0	-6504.9	1075	9.4	90322.5	-6521.3
806	8.1	74356.0	-6546.1	896	9.2	81301.5	-6552.9	986	9.9	83703.0	-6545.2	1076	9.4	90412.5	-6521.9
807	9.4	74400.0	-6540.8	897	9.1	81331.0	-6553.0	987	8.9	83722.0	-6545.8	1077	9.5	90431.5	-6508.1
808	9.1	74405.5	-6507.6	898	9.7	81402.5	-6510.9	988	10.0	83756.5	-6541.4	1078	9..	90441.5	-6540.4
809	9.2	74430.0	-6548.9	899	9.7	81418.0	-6536.9	989	9.2	83812.0	-6537.4	1079	8.9	90447.5	-6539.0
810	9.1	74437.5	-6524.9	900	9.5	81502.0	-6513.1	990	9.7	83827.0	-6505.0	1080	9.2	90513.0	-6552.5
811	9.6	74448.0	-6527.9	901	9.7	81541.0	-6527.4	991	10.0	83827.5	-6531.0	1081	9.3	90514.0	-6513.9
812	9.6	74459.0	-6527.2	902	9.7	81542.0	-6556.6	992	10.0	83835.5	-6527.2	1082	9.5	90540.0	-6544.9
813	9.6	74459.0	-6518.1	903	8.8	81552.0	-6515.9	993	10.0	83842.5	-6529.0	1083	9.5	90630.5	-6507.9
814	9.7	74522.0	-6548.9	904	9.4	81554.0	-6538.4	994	10.0	83846.0	-6553.3	1084	9.2	90650.5	-6519.9
815	9.5	74527.5	-6518.2	905	8.7	81628.5	-6512.9	995	8.7	83856.5	-6513.7	1085	9.4	90742.0	-6503.1
816	9.4	74538.0	-6540.0	906	9.7	81649.0	-6518.9	996	10.0	83856.5	-6512.1	1086	9.1	90837.5	-6528.0
817	9.4	74539.5	-6526.1	907	6.8	81655.0	-6513.3	997	10.0	83859.5	-6556.3	1087	8.6	90909.5	-6519.5
818	9.7	74612.5	-6549.9	908	9.3	81703.0	-6523.9	998	9.1	83905.0	-6545.1	1088	9.4	90942.0	-6540.0
819	9.7	74617.0	-6510.3	909	9.4	81710.0	-6523.6	999	10.0	83906.5	-6502.3	1089	9.2	90948.0	-6524.0
820	9.4	74620.5	-6544.9	910	9.3	81747.5	-6545.9	1000	9.3	83912.0	-6539.0	1090	9.5	91020.5	-6554.9
821	9.7	74633.5	-6503.6	911	9.9	81807.0	-6533.0	1001	8.8	83912.7	-6558.1	1091	8.2	91022.0	-6512.7
822	9.7	74637.5	-6501.2	912	10.0	81834.0	-6533.0	1002	9.4	83914.5	-6521.9	1092	9.5	91145.5	-6551.1
823	9.6	74801.5	-6516.1	913	9.8	81853.0	-6527.6	1003	9.1	83933.5	-6520.3	1093	9.0	91154.5	-6538.9
824	9.7	74818.5	-6515.8	914	9.1	81934.2	-6514.2	1004	9.2	83946.0	-6549.0	1094	9.2	91204.5	-6552.9
825	9.4	74827.0	-6549.9	915	9.4	81950.0	-6556.1	1005	10.0	83949.0	-6542.9	1095	8.5	91209.5	-6521.1
826	9.0	74827.5	-6530.2	916	9.4	81950.5	-6510.5	1006	9.6	83956.0	-6550.0	1096	8.6	91232.0	-6535.0
827	6.3	74850.5	-6552.7	917	9.1	82022.0	-6516.2	1007	10.0	84025.5	-6518.1	1097	8.9	91437.0	-6514.3
828	9.3	74911.5	-6502.5	918	9.0	82042.5	-6504.8	1008	8.0	84048.0	-6526.5	1098	9.2	91504.8	-6559.1
829	9.0	74947.0	-6533.9	919	9.2	82043.7	-6532.0	1009	9.7	84048.5	-6518.9	1099	8.9	91542.5	-6537.8
830	9.5	75009.5	-6546.0	920	8.1	82047.5	-6507.4	1010	9.4	84205.5	-6510.1	1100	9.2	91602.5	-6550.1

-65 1101 9h16m

-65 1460 10h37m

1101	8.9	91631.5	-6506.9	1191	9.6	95326.0	-6541.0	1281	9.2	101121.0	-6511.0	1371	9.5	102544.0	-6556.4
1102	9.5	91804.5	-6542.7	1192	9.9	95334.0	-6533.3	1282	9.6	101136.0	-6519.0	1372	9.6	102602.5	-6540.8
1103	7.7	91810.5	-6557.5	1193	9.9	95334.5	-6522.1	1283	8.9	101159.5	-6524.1	1373	9.4	102612.5	-6553.1
1104	9.2	91910.5	-6510.3	1194	9.4	95412.0	-6537.0	1284	9.4	101200.0	-6500.9	1374	9.7	102620.5	-6523.8
1105	9.5	91958.0	-6553.0	1195	9.6	95419.5	-6555.7	1285	9.9	101200.8	-6500.2	1375	9.4	102625.7	-6502.6
1106	9.4	92037.5	-6539.9	1196	9.5	95423.0	-6503.5	1286	9.4	101246.5	-6519.4	1376	9.5	102626.0	-6536.7
1107	9.5	92329.5	-6532.9	1197	9.9	95428.5	-6524.2	1287	9.9	101254.0	-6538.9	1377	9.7	102629.5	-6514.0
1108	9.5	92418.0	-6531.0	1198	9.4	95430.0	-6510.4	1288	8.8	101306.0	-6527.4	1378	9.8	102631.5	-6533.1
1109	9.5	92435.0	-6542.9	1199	9.2	95452.5	-6558.0	1289	9.9	101309.0	-6551.9	1379	9.9	102632.5	-6506.3
1110	9.0	92523.0	-6533.1	1200	9.6	95457.0	-6542.0	1290	9.9	101321.5	-6505.1	1380	9.8	102639.0	-6510.4
1111	9.0	92804.5	-6538.2	1201	8.7	95458.5	-6519.6	1291	8.0	101333.2	-6558.0	1381	9.8	102639.0	-6541.9
1112	9.0	92824.0	-6528.9	1202	9.5	95503.0	-6501.4	1292	9.6	101342.5	-6533.4	1382	9.7	102645.0	-6549.0
1113	9.1	92925.0	-6558.7	1203	9.8	95507.0	-6517.1	1293	9.6	101343.0	-6554.5	1383	9.0	102646.5	-6544.8
1114	9.1	93012.5	-6545.2	1204	9.6	95513.5	-6540.9	1294	9.8	101402.0	-6545.2	1384	9.8	102647.5	-6543.1
1115	7.5	93148.0	-6533.8	1205	9.5	95523.5	-6529.9	1295	8.4	101406.0	-6532.8	1385	9.8	102648.5	-6559.2
1116	9.4	93201.5	-6511.3	1206	9.4	95525.5	-6515.6	1296	9.6	101413.0	-6554.8	1386	9.6	102702.5	-6522.0
1117	9.3	93351.0	-6551.1	1207	9.9	95537.5	-6512.5	1297	9.9	101413.5	-6502.0	1387	9.8	102702.5	-6553.6
1118	7.8	93412.5	-6550.9	1208	9.9	95540.0	-6510.9	1298	8.6	101422.0	-6527.8	1388	9.6	102715.0	-6512.7
1119	9.4	93513.0	-6553.5	1209	9.9	95547.0	-6531.0	1299	9.9	101433.5	-6517.9	1389	9.8	102716.5	-6532.0
1120	9.4	93528.5	-6540.5	1210	7.9	95550.0	-6522.9	1300	9.6	101451.5	-6527.9	1390	9.6	102732.0	-6537.7
1121	9.5	93717.5	-6544.3	1211	9.5	95557.0	-6504.5	1301	9.7	101525.0	-6548.1	1391	9.6	102739.0	-6551.9
1122	9.2	93750.0	-6529.9	1212	9.6	95601.0	-6507.5	1302	9.3	101540.0	-6515.8	1392	8.6	102740.0	-6548.6
1123	9.5	93806.0	-6523.9	1213	8.8	95617.5	-6544.9	1303	9.9	101550.0	-6516.8	1393	8.5	102808.0	-6555.6
1124	8.2	93817.0	-6530.7	1214	8.9	95633.5	-6525.5	1304	9.5	101556.5	-6517.9	1394	9.1	102812.0	-6508.0
1125	8.6	93821.7	-6559.9	1215	8.6	95650.0	-6540.6	1305	7.8	101633.5	-6526.1	1395	9.1	102817.0	-6551.9
1126	9.5	93823.0	-6517.7	1216	9.5	95657.0	-6541.3	1306	9.7	101701.0	-6502.9	1396	9.7	102820.5	-6510.9
1127	9.6	93835.5	-6527.9	1217	9.2	95704.5	-6543.2	1307	9.8	101709.0	-6502.9	1397	9.6	102826.5	-6533.0
1128	9.6	93901.0	-6556.0	1218	9.2	95707.0	-6549.8	1308	9.9	101718.0	-6527.9	1398	9.9	102832.5	-6504.5
1129	9.4	93905.5	-6550.9	1219	9.5	95739.5	-6525.0	1309	9.5	101727.5	-6529.8	1399	9.6	102832.5	-6509.7
1130	9.8	93940.5	-6558.2	1220	9.9	95810.0	-6515.6	1310	9.4	101742.5	-6528.6	1400	9.6	102832.5	-6540.9
1131	9.4	93949.5	-6549.3	1221	9.6	95824.0	-6524.7	1311	9.6	101746.3	-6501.1	1401	9.5	102833.5	-6530.9
1132	9.4	93957.5	-6533.8	1222	9.3	95833.0	-6505.2	1312	9.6	101749.8	-6557.0	1402	9.2	102836.5	-6532.2
1133	9.5	94013.0	-6537.8	1223	9.0	95835.0	-6513.3	1313	8.4	101754.5	-6528.9	1403	9.7	102842.5	-6523.9
1134	9.1	94017.7	-6524.9	1224	7.6	95857.0	-6518.8	1314	9.9	101812.0	-6554.7	1404	9.5	102846.5	-6546.8
1135	9.9	94023.0	-6529.4	1225	9.9	95907.5	-6509.0	1315	8.2	101822.0	-6503.7	1405	9.8	102859.0	-6538.4
1136	9.4	94028.3	-6537.9	1226	9.2	95916.5	-6554.6	1316	9.7	101833.5	-6500.8	1406	9.9	102907.5	-6510.7
1137	9.9	94100.5	-6548.0	1227	9.5	95934.5	-6517.2	1317	9.3	101848.5	-6542.9	1407	9.9	102914.0	-6514.2
1138	9.9	94123.0	-6537.7	1228	9.2	95945.0	-6505.2	1318	9.7	101906.0	-6501.5	1408	9.5	102930.5	-6538.7
1139	9.6	94142.0	-6519.5	1229	9.9	95951.0	-6528.1	1319	9.6	101915.5	-6550.9	1409	9.5	102932.0	-6555.1
1140	9.9	94145.5	-6511.0	1230	9.5	95954.5	-6557.8	1320	9.8	101920.0	-6532.6	1410	9.5	103006.0	-6519.1
1141	9.9	94152.0	-6525.3	1231	9.9	100016.5	-6547.8	1321	9.7	101922.0	-6521.8	1411	9.8	103021.5	-6551.4
1142	9.4	94202.0	-6553.8	1232	9.6	100037.0	-6543.3	1322	9.7	101930.5	-6502.9	1412	9.8	103022.0	-6533.0
1143	9.5	94220.0	-6539.9	1233	9.3	100050.0	-6515.6	1323	9.5	101936.8	-6545.8	1413	9.9	103029.5	-6516.8
1144	9.2	94220.0	-6537.0	1234	9.0	100057.7	-6557.8	1324	9.8	101942.7	-6556.7	1414	9.8	103035.5	-6516.7
1145	8.7	94234.5	-6532.2	1235	9.9	100132.0	-6528.3	1325	9.8	101943.5	-6513.8	1415	9.6	103035.5	-6550.0
1146	9.1	94249.5	-6539.0	1236	9.3	100150.5	-6556.6	1326	9.4	102008.5	-6508.6	1416	9.4	103036.5	-6505.9
1147	9.6	94318.5	-6508.4	1237	8.6	100203.0	-6532.7	1327	9.9	102016.5	-6529.6	1417	9.0	103042.0	-6510.3
1148	9.2	94325.5	-6554.3	1238	9.2	100203.5	-6510.6	1328	9.9	102028.5	-6515.4	1418	9.6	103045.0	-6526.3
1149	8.8	94337.5	-6558.3	1239	9.9	100204.0	-6528.3	1329	9.7	102039.0	-6508.2	1419	9.4	103055.0	-6529.6
1150	9.6	94401.5	-6513.3	1240	9.9	100207.0	-6521.0	1330	9.7	102042.5	-6558.9	1420	9.5	103055.5	-6525.3
1151	9.9	94408.0	-6542.4	1241	9.4	100241.0	-6523.9	1331	9.5	102107.7	-6519.6	1421	9.5	103059.0	-6538.7
1152	9.3	94419.0	-6552.5	1242	9.7	100305.0	-6556.7	1332	9.8	102109.5	-6506.3	1422	9.9	103109.0	-6540.4
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1154	9.2	94433.0	-6536.2	1244	8.9	100337.0	-6541.9	1334	9.6	102121.0	-6556.2	1424	9.9	103129.5	-6511.1
1155	9.5	94433.0	-6516.8	1245	9.8	100338.0	-6506.7	1335	9.8	102138.5	-6555.7	1425	9.8	103142.5	-6528.0
1156	9.5	94453.0	-6547.2	1246	9.2	100411.0	-6554.3	1336	9.8	102141.0	-6535.6	1426	9.6	103157.5	-6515.9
1157	9.9	94503.0	-6524.2	1247	9.6	100433.5	-6541.9	1337	9.5	102142.5	-6500.3	1427	9.2	103158.5	-6503.3
1158	9.5	94507.0	-6502.6	1248	7.2	100513.0	-6512.3	1338	9.6	102153.5	-6527.5	1428	9.5	103201.5	-6558.3
1159	9.9	94516.0	-6543.8	1249	9.9	100518.5	-6548.8	1339	9.8	102154.5	-6554.8	1429	9.5	103208.0	-6524.0
1160	9.8	94516.5	-6546.2	1250	9.6	100521.0	-6512.8	1340	9.5	102200.5	-6553.5	1430	9.9	103211.5	-6508.9
1161	9.5	94529.5	-6535.9	1251	9.0	100537.5	-6511.1	1341	9.8	102200.5	-6558.3	1431	9.7	103226.5	-6524.9
1162	9.6	94542.0	-6507.0	1252	9.6	100542.5	-6543.0	1342	9.6	102208.5	-6541.9	1432	9.6	103231.0	-6539.9
1163	9.5	94605.0	-6505.4	1253	9.9	100543.5	-6532.8	1343	9.9	102224.0	-6507.8	1433	9.1	103231.3	-6557.1
1164	9.2	94631.0	-6533.8	1254	9.4	100555.5	-6553.9	1344	9.2	102236.5	-6531.8	1434	9.4	103325.0	-6545.2
1165	9.9	94636.0	-6532.9	1255	9.8	100600.0	-6539.7	1345	9.2	102238.5	-6553.1	1435	9.2	103329.5	-6535.7
1166	9.9	94637.5	-6552.8	1256	9.5	100621.0	-6555.7	1346	8.8	102243.0	-6508.4	1436	9.9	103358.0	-6505.9
1167	9.5	94708.5	-6529.9	1257	9.9	100629.0	-6548.2	1347	9.8	102244.5	-6547.2	1437	9.9	103404.2	-6558.4
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1169	8.6	94717.0	-6531.6	1259	8.3	100635.0	-6559.2	1349	9.6	102258.0	-6540.4	1439	9.8	103411.0	-6501.8
1170	9.4	94718.5	-6511.7	1260	9.6	100643.0	-6530.8	1350	9.1	102304.5	-6531.8	1440	9.8	103439.0	-6559.1
1171	9.5	94756.0	-6519.4	1261	8.5	100711.0	-6523.6	1351	9.4	102310.5	-6503.2	1441	9.9	103453.0	-6507.1
1172	9.4	94803.0	-6521.7	1262	9.8	100727.0	-6538.0	1352	9.1	102312.5	-6503.8	1442	9.8	103503.0	-6536.1
1173	9.9	94833.0	-6502.4	1263	9.9	100733.7	-6558.0	1353	9.7	102322.5	-6511.8	1443	9.4	103511.5	-6558.2
1174	9.9	94838.0	-6531.9	1264	9.6	100738.0	-6526.0	1354	6.6	102328.5	-6504.2	1444	9.2	103521.0	-6550.1
1175	9.9	94853.5	-6526.6	1265	8.7	100839.0	-6533.9	1355	9.4	102332.5	-6545.6	1445	9.2	103533.5	-6557.2
1176	9.6	94854.0	-6534.0	1266	9.9	100844.0	-6551.1	1356	9.8	102342.5	-6542.5	1446	9.8	103535.5	-6524.6
1177	9.6	94905.5	-6532.2	1267	8.0	100853.5	-6540.1	1357	9.6	102354.5	-6523.4	1447	9.4	103538.5	-6523.6
1178	9.6	94918.7	-6559.1	1268	9.9	100909.5	-6554.3	1358	9.9	102404.0	-6538.9	1448	9.8	103539.5	-6523.1
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1180	9.6	94923.5	-6553.7	1270	9.4	100919.0	-6539.2	1360	8.9	102422.5	-6503.3	1450	9.9	103600.5	-6543.9
1181	9.6	94938.0	-6549.8	1271	9.9	100943.5	-6548.7	1361	9.6	102452.0	-6505.8	1451	9.7	103612.5	-6530.1
1182	9.6	95003.0	-6526.6	1272	9.9	100955.5	-6530.1	1362	9.9	102457.0	-6502.6	1452	9.6	103618.0	-6516.5
1183	9.3	95020.5	-6513.7	1273	6.2	100958.0	-6545.2	1363	9.8	102505.5	-6505.7	1453	9.7	103623.5	-6528.4
1184	9.9	95025.8	-6557.3	1274	9.8	100958.0	-6516.2	1364	9.2	102509.5	-6527.8	1454	9.7	103625.5	-6544.6
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1186	9.9	95115.0	-6545.8	1276	7.7	101010.5	-6505.2	1366	9.1	102532.5	-6514.3	1456	9.6	103632.5	-6521.7
1187	9.5	95202.0	-6513.2	1277	9.9	101019.5	-6511.1	1367	9.6	102535.5	-6538.5	1457	8.4	103647.5	-6526.5
1188	9.9	95255.0	-6531.8	1278	9.6	101021.5	-6540.8	1368	8.5	102538.0	-6549.1	1458	9.9	103703.5	-6538.9
1189	9.4	95302.0	-6549.2	1279	9.9	101040.0	-6509.9	1369	9.8	102539.5	-6537.3	1459	9.2	103715.0	-6512.9
1190	9.4	95303.0	-6523.1	1280	9.2	101102.5	-6508.9	1370	9.9	102541.0	-6536.3	1460	9.6	103716.0	-6524.9

1461	9.7	103718.0	-6552.0	1551	9.9	104952.5	-6543.6	1641	9.0	110632.0	-6546.4
1462	9.8	103722.0	-6528.1	1552	9.8	104952.5	-6550.5	1642	9.1	110709.0	-6555.7
1463	9.9	103726.0	-6554.2	1553	9.6	105001.5	-6534.3	1643	9.7	110716.0	-6559.6
1464	9.5	103742.0	-6512.5	1554	9.9	105003.5	-6540.3	1644	9.5	110732.0	-6502.9
1465	9.6	103746.0	-6523.8	1555	9.8	105004.0	-6521.7	1645	9.7	110832.5	-6553.0
1466	9.6	103758.0	-6514.0	1556	9.8	105017.5	-6536.7	1646	8.5	110911.0	-6512.6
1467	9.1	103818.5	-6544.1	1557	9.8	105036.5	-6541.8	1647	9.0	110923.0	-6535.3
1468	9.8	103831.0	-6555.9	1558	9.6	105037.0	-6513.1	1648	9.7	111009.0	-6524.9
1469	9.9	103843.5	-6518.9	1559	9.8	105054.5	-6549.2	1649	8.8	111016.0	-6549.9
1470	9.3	103846.5	-6509.2	1560	9.9	105055.5	-6542.0	1650	9.7	111036.0	-6548.0
1471	9.4	103852.5	-6508.2	1561	9.8	105058.0	-6505.0	1651	9.3	111050.0	-6508.9
1472	9.5	103900.5	-6529.5	1562	9.8	105111.5	-6516.8	1652	9.6	111126.5	-6544.9
1473	9.2	103917.0	-6505.7	1563	9.5	105116.5	-6520.1	1653	9.5	111152.0	-6542.1
1474	9.9	103921.5	-6519.2	1564	9.9	105123.5	-6545.2	1654	9.6	111401.5	-6551.9
1475	9.7	103932.0	-6538.4	1565	9.1	105137.0	-6528.0	1655	9.3	111429.5	-6520.9
1476	9.6	103932.5	-6528.1	1566	9.2	105145.0	-6546.7	1656	8.9	111550.5	-6517.1
1477	9.3	103935.5	-6533.2	1567	9.9	105152.5	-6509.7	1657	9.4	111643.5	-6543.9
1478	9.6	103941.0	-6524.8	1568	9.6	105154.0	-6538.1	1658	9.7	111659.5	-6506.9
1479	9.9	104000.0	-6541.2	1569	9.2	105154.5	-6530.1	1659	9.4	111701.5	-6503.1
1480	9.8	104001.5	-6509.3	1570	9.4	105221.5	-6518.5	1660	9.5	111712.0	-6526.5
1481	9.8	104005.5	-6536.5	1571	9.8	105222.5	-6519.3	1661	9.0	111729.5	-6550.5
1482	9.6	104006.0	-6541.3	1572	9.4	105225.0	-6520.3	1662	8.3	111818.5	-6508.9
1483	9.6	104015.5	-6544.8	1573	9.6	105225.5	-6536.0	1663	9.5	111821.0	-6540.6
1484	9.8	104017.5	-6540.6	1574	9.6	105248.0	-6503.9	1664	9.2	112009.0	-6550.9
1485	9.5	104023.5	-6526.8	1575	9.9	105323.0	-6546.8	1665	9.7	112124.0	-6533.6
1486	9.9	104030.0	-6501.6	1576	9.9	105331.5	-6550.5	1666	9.7	112211.0	-6523.9
1487	9.8	104030.5	-6540.9	1577	9.2	105340.0	-6517.5	1667	9.4	112220.0	-6551.3
1488	9.8	104046.0	-6510.7	1578	9.9	105409.5	-6501.9	1668	7.7	112231.5	-6530.1
1489	9.9	104049.0	-6541.0	1579	9.9	105420.5	-6523.2	1669	7.9	112259.0	-6548.1
1490	9.8	104109.5	-6505.9	1580	9.1	105442.5	-6559.1	1670	9.6	112326.0	-6537.2
1491	9.7	104111.5	-6518.6	1581	9.9	105501.0	-6522.3	1671	9.2	112348.0	-6525.3
1492	9.8	104113.5	-6541.0	1582	9.6	105504.5	-6559.7	1672	9.7	112356.5	-6541.9
1493	9.8	104117.5	-6505.1	1583	9.9	105513.5	-6555.0	1673	9.4	112434.5	-6553.0
1494	9.5	104132.5	-6531.0	1584	8.9	105535.0	-6553.2	1674	9.7	112438.5	-6543.7
1495	9.7	104136.5	-6525.7	1585	9.4	105547.5	-6513.2	1675	8.6	112537.5	-6503.2
1496	9.6	104137.5	-6529.3	1586	8.5	105549.5	-6505.1	1676	8.7	112608.5	-6542.9
1497	9.8	104142.0	-6508.2	1587	9.0	105552.5	-6521.5	1677	9.5	112615.5	-6525.9
1498	9.5	104206.0	-6502.4	1588	9.8	105557.0	-6534.0	1678	9.7	112620.0	-6523.9
1499	9.9	104212.5	-6521.0	1589	8.8	105609.5	-6510.7	1679	9.7	112650.0	-6557.3
1500	9.8	104219.5	-6537.1	1590	9.9	105635.0	-6553.8	1680	7.8	112706.0	-6510.4
1501	9.7	104230.0	-6533.9	1591	9.6	105652.5	-6506.3	1681	9.2	112800.0	-6534.2
1502	9.5	104246.5	-6551.8	1592	9.6	105702.0	-6535.8	1682	9.6	112810.0	-6527.9
1503	9.8	104247.0	-6507.3	1593	8.0	105706.5	-6520.3	1683	9.2	112820.0	-6526.9
1504	9.9	104252.0	-6543.8	1594	8.6	105715.0	-6555.7	1684	9.6	112833.0	-6546.7
1505	7.8	104255.5	-6515.4	1595	9.5	105736.0	-6554.9	1685	9.7	112859.0	-6521.9
1506	9.6	104257.5	-6523.7	1596	9.9	105749.0	-6550.7	1686	9.7	112929.5	-6530.9
1507	9.9	104304.5	-6505.5	1597	9.9	105759.5	-6541.2	1687	9.7	112932.0	-6529.9
1508	8.7	104311.0	-6515.7	1598	9.2	105800.5	-6535.8	1688	9.7	113015.0	-6531.9
1509	9.2	104312.5	-6553.2	1599	8.8	105800.5	-6530.7	1689	8.5	113018.0	-6523.9
1510	9.6	104315.5	-6504.8	1600	9.3	105805.7	-6502.3	1690	9.7	113020.5	-6546.8
1511	9.7	104331.0	-6556.4	1601	9.3	105830.5	-6545.7	1691	8.8	113058.5	-6530.2
1512	9.7	104336.5	-6512.8	1602	9.4	105836.5	-6545.8	1692	9.7	113109.0	-6531.4
1513	9.6	104340.5	-6501.2	1603	9.9	105836.5	-6522.0	1693	9.6	113117.5	-6513.9
1514	9.8	104350.0	-6541.9	1604	9.0	105848.5	-6519.7	1694	9.2	113126.0	-6506.7
1515	9.1	104351.5	-6544.0	1605	9.2	105906.0	-6551.6	1695	9.6	113128.0	-6546.9
1516	9.9	104410.5	-6553.2	1606	9.0	105928.7	-6521.0	1696	9.7	113207.0	-6504.6
1517	9.5	104419.0	-6521.7	1607	9.8	105934.0	-6503.0	1697	9.7	113307.0	-6543.9
1518	9.4	104419.7	-6501.9	1608	9.7	105935.0	-6541.7	1698	9.4	113321.0	-6518.9
1519	9.6	104429.0	-6540.3	1609	9.7	105936.5	-6527.9	1699	9.4	113400.5	-6504.9
1520	9.8	104522.5	-6540.7	1610	9.7	105937.7	-6523.6	1700	8.6	113607.5	-6552.8
1521	9.9	104548.5	-6538.8	1611	9.8	105941.5	-6532.4	1701	9.7	113639.5	-6556.1
1522	9.3	104553.5	-6547.7	1612	9.7	110006.3	-6529.0	1702	9.2	113647.0	-6531.1
1523	9.9	104558.5	-6506.1	1613	9.4	110009.5	-6534.1	1703	9.5	113648.0	-6526.9
1524	9.9	104600.0	-6506.5	1614	9.9	110015.0	-6547.7	1704	8.3	113726.5	-6533.9
1525	9.9	104601.0	-6506.3	1615	9.8	110024.5	-6523.1	1705	9.7	113749.0	-6552.0
1526	9.8	104604.5	-6552.3	1616	9.8	110040.0	-6540.7	1706	9.7	113910.0	-6547.9
1527	9.2	104605.5	-6539.7	1617	9.9	110056.5	-6513.8	1707	9.9	113914.8	-6500.2
1528	9.3	104609.5	-6550.3	1618	9.8	110102.0	-6508.0	1708	9.2	113924.5	-6517.9
1529	9.8	104609.5	-6546.1	1619	9.6	110113.3	-6514.6	1709	9.9	113929.0	-6524.0
1530	9.4	104618.2	-6500.2	1620	9.4	110119.8	-6552.0	1710	9.6	114022.5	-6507.2
1531	9.8	104620.5	-6501.9	1621	9.4	110121.0	-6502.9	1711	9.9	114033.0	-6528.0
1532	9.5	104624.0	-6539.3	1622	9.4	110146.5	-6504.9	1712	9.1	114036.3	-6557.9
1533	9.4	104628.0	-6543.8	1623	9.0	110149.0	-6519.9	1713	9.7	114059.2	-6524.9
1534	9.6	104633.5	-6532.7	1624	9.7	110212.0	-6551.1	1714	9.0	114102.0	-6503.8
1535	9.9	104645.5	-6505.6	1625	9.2	110237.0	-6507.8	1715	9.9	114107.5	-6554.9
1536	9.5	104721.5	-6540.2	1626	9.5	110243.0	-6551.9	1716	9.9	114111.5	-6518.0
1537	9.8	104721.5	-6531.6	1627	9.7	110256.5	-6528.3	1717	9.9	114117.0	-6543.4
1538	9.9	104730.5	-6528.1	1628	8.9	110310.0	-6504.9	1718	9.9	114136.0	-6510.3
1539	9.7	104743.5	-6513.8	1629	9.4	110322.0	-6521.5	1719	8.0	114139.5	-6518.7
1540	9.6	104752.5	-6507.4	1630	9.6	110333.0	-6505.1	1720	9.9	114141.5	-6501.2
1541	9.8	104803.0	-6507.7	1631	9.6	110347.0	-6506.8	1721	9.7	114154.0	-6533.8
1542	9.6	104820.5	-6514.7	1632	9.1	110348.0	-6517.3	1722	9.9	114155.0	-6533.0
1543	9.6	104829.0	-6541.0	1633	8.8	110431.5	-6527.5	1723	8.9	114208.0	-6525.4
1544	9.9	104830.5	-6524.6	1634	9.5	110452.5	-6511.5	1724	9.9	114223.0	-6534.6
1545	9.8	104852.0	-6528.0	1635	9.2	110502.5	-6500.9	1725	9.6	114319.0	-6518.9
1546	9.9	104856.5	-6552.5	1636	9.6	110522.0	-6545.9	1726	9.9	114319.0	-6541.3
1547	9.4	104916.0	-6500.1	1637	9.6	110550.5	-6534.6	1727	9.9	114331.0	-6523.1
1548	9.9	104937.5	-6550.0	1638	9.3	110600.5	-6549.8	1728	9.9	114347.5	-6535.9
1549	9.8	104941.0	-6519.2	1639	9.3	110620.5	-6547.0	1729	8.9	114351.0	-6533.0
1550	9.5	104946.0	-6544.0	1640	9.2	110620.5	-6540.9	1730	9.8	114410.0	-6500.9
1641	9.0	110632.0	-6546.4	1731	9.3	114436.5	-6537.0				
1642	9.1	110709.0	-6555.7	1732	9.5	114446.5	-6503.1				
1643	9.7	110716.0	-6559.6	1733	9.9	114457.0	-6528.2				
1644	9.5	110732.0	-6502.9	1734	9.4	114513.0	-6506.2				
1645	9.7	110832.5	-6553.0	1735	9.3	114515.5	-6505.9				
1646	8.5	110911.0	-6512.6	1736	9.9	114708.5	-6559.5				
1647	9.0	110923.0	-6535.3	1737	9.4	114710.0	-6515.3				
1648	9.7	111009.0	-6524.9	1738	9.6	114731.0	-6526.9				
1649	8.8	111016.0	-6549.9	1739	9.9	114731.5	-6554.2				
1650	9.7	111036.0	-6548.0	1740	9.7	114753.0	-6516.7				
1651	9.3	111050.0	-6508.9	1741	9.9	114758.5	-6530.5				
1652	9.6	111126.5	-6544.9	1742	9.9	114810.5	-6556.1				
1653	9.5	111152.0	-6542.1	1743	9.9	114820.0	-6516.9				
1654	9.6	111401.5	-6551.9	1744	7.2	114834.0	-6540.7				
1655	9.3	111429.5	-6520.9	1745	9.9	114838.0	-6523.7				
1656	8.9	111550.5	-6517.1	1746	8.8	114842.0	-6544.1				
1657	9.4	111643.5	-6543.9	1747	8.8	114904.0	-6542.7				
1658	9.7	111659.5	-6506.9	1748	9.9	114904.0	-6515.3				
1659	9.4	111701.5	-6503.1	1749	9.2	114923.5	-6514.1				
1660	9.5	111712.0	-6526.5	1750	9.9	114927.0	-6541.2				
1661	9.0	111729.5	-6550.5	1751	9.9	114957.0	-6510.3				
1662	8.3	111818.5	-6508.9	1752	9.4	115019.5	-6545.2				
1663	9.5	111821.0	-6540.6	1753	9.9	115022.5	-6542.9				
1664	9.2	112009.0	-6550.9	1754	9.9	115037.6	-6557.6				
1665	9.7	112124.0	-6533.6	1755	9.2	115058.2	-6558.9				
1666	9.7	112211.0	-6523.9	1756	9.0	115100.5	-6553.9				
1667	9.4	112220.0	-6551.3	1757	9.0	115109.5	-6507.1				
1668	7.7	112231.5	-6530.1	1758	9.8	115132.0	-6526.7				
1669	7.9	112259.0	-6548.1	1759	9.8	115135.5	-6550.9				
1670	9.6	112326.0	-6537.2	1760	9.4	115135.5	-6538.2				
1671	9.2	112348.0	-6525.3	1761	9.7	115147.0	-6501.9				
1672	9.7	112356.5	-6541.9	1762	9.4	115150.0	-6501.8				
1673	9.4	112434.5	-6553.0	1763	9.9	115253.5	-6535.5				
1674	9.7	112438.5	-6543.7	1764	9.5	115258.0	-6517.5				
1675	8.6	112537.5	-6503.2	1765	9.9	115339.0	-6518.1				
1676	8.7	112608.5	-6542.9	1766	9.2	115352.5	-6533.2				
1677	9.5	112615.5	-6525.9	1767	8.6	115353.5	-6522.9				
1678	9.7	112620.0	-6523.9	1768	9.2	115357.5	-6512.2				
1679	9.7	112650.0	-6557.3	1769	9.9	115407.0	-6501.1				
1680	7.8	112706.0	-6510.4	1770	9.9	115435.0	-6526.4				
1681	9.2	112800.0	-6534.2	1771	8.9	115526.5	-6534.3				
1682	9.6	112810.0	-6527.9	1772	9.4	115529.0	-6546.4				
1683	9.2	112820.0	-6526.9	1773	9.7	115602.5	-6513.1				
1684	9.6	112833.0	-6546.7	1774	9.1	115629.0	-6514.0				
1685	9.7	112859.0	-6521.9	1775	9.9	115633.5	-6510.0				
1686	9.7	112929.5	-6530.9	1776	8.7	115637.0	-6501.1				
1687	9.7	112932.0	-6529.9	1777	9.0	115640.5	-6530.9				
1688	9.7	113015.0	-6531.9	1778	9.9	115642.0	-6508.1				
1689	8.5	113018.0	-6523.9	1779	8.5	115647.0	-6508.2				
1690	9.7	113020.5	-6546.8	1780	9.9	115721.0	-6553.9				
1691	8.8	113058.5	-6530.2	1781	9.4	115724.0	-6515.3				
1692	9.7	113109.0	-6531.4	1782	9.9	115736.0	-6524.7				
1693	9.6	113117.5	-6513.9	1783	9.9	115817.0	-6520.2				
1694	9.2	113126.0	-6506.7	1784	9.5	115829.0	-6514.0				
1695	9.6	113128.0	-6546.9	1785	9.2	115853.0	-6527.3				
1696	9.7	113207.0	-6504.6	1786	9.5	115928.5	-6542.1				
1697	9.7	113307.0	-6543.9	1787	9.5	115947.0	-6544.1				
1698	9.4	113321.0	-6518.9	1788	7.1	115955.0	-6500.7				
1699	9.4	113400.5	-6504.9	1789	9.9	120008.0	-6513.9				
1700	8.6	113607.5	-6552.8	1790	9.5	120041.0	-6515.1				
1701	9.7	113639.5	-6556.1	1791	8.8	120056.0	-6512.1				
1702	9.2	113647.0	-6531.1	1792	9.9	120105.5	-6523.3				
1703	9.5	113648.0	-6526.9	1793	9.1	120123.0	-6504.7				
1704	8.3	113726.5	-6533.9	1794	9.9	120213.5	-6520.9				
1705	9.7	113749.0	-6552.0	1795	9.8	120220.5	-6537.7				
1706	9.7	113910.0	-6547.9	1796	9.2	120222.5	-6514.8				
1707	9.9	113914.8	-6500.2	1797	9.5	120236.5	-6524.3				
1708	9.2	113924.5	-6517.9	1798	9.9	120242.5	-6557.1				
1709	9.9	113929.0	-6524.0	1799	7.6	120243.0	-6524.7				
1710	9.6	114022.5	-6507.2	1800	9.4	120244.5	-6512.1				
1711	9.9	114033.0	-6528.0	1801	9.9	120319.5	-6526.9				
1712	9.1	114036.3	-6557.9	1802	9.6	120327.0	-6500.7				
1713	9.7	114059.2	-6524.9	1803	9.2	120327.0	-6500.3				
1714	9.0	114102.0	-6503.8	1804	9.4	120328.0	-6529.1				
1715	9.9	114107.5	-6554.9	1805	9.5	120335.5	-6504.1				
1716	9.9	114111.5	-6518.0	1806	9.9	120350.0	-6500.7				
1717	9.9	114117.0	-6543.4	1807	9.5	120350.0	-6527.7				
1718	9.9	114136.0	-6510.3	1808	9.9	120403.0	-6529.8				
1719	8.0	114139.5	-6518.7	1809	9.9	120421.5	-6506.1				
1720	9.9	114141.5	-6501.2	1810	9.4	120451.0	-6526.1				
1721	9.7	114154.0	-6533.8	1811	9.7	120509.0	-6531.2				
1722	9.9	114155.0	-6533.0	1812	8.5	120528.5	-6532.1				
1723	8.9	114208.0	-6525.4	1813	9.0	120553.0	-6518.5				
1724	9.9	114223.0	-6534.6	1814	9.9	120607.5	-6506.1				
1725	9.6	114319.0	-6518.9	1815	9.9	120617.0	-6549.1				
1726	9.9	114319.0	-6541.3	1816	9.4	120718.5	-6519.1				
1727	9.9	114331.0	-6523.1	1817	9.9	120731.0	-6527.1				
1728	9.9	114347.5	-6535.9	1818	9.5	120732.5	-6526.7				
1729	8.9	114351.0	-6533.0	1819	7.2	120735.5	-6551.1				
1730	9.8	114410.0	-6500.9	1820	7.3	120744.0	-6549.7				

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1821	9.2	120745.0	-6519.5	1911	9.9	122753.5	-6548.7	2001	9.1	123906.5	-6515.5
1822	9.4	120800.7	-6558.8	1912	10.0	122758.5	-6514.9	2002	10.0	123926.5	-6529.9
1823	9.2	120812.5	-6518.4	1913	9.4	122827.5	-6559.9	2003	10.0	123931.5	-6538.9
1824	9.9	120828.5	-6536.1	1914	9.5	122856.5	-6545.3	2004	9.3	123933.5	-6506.8
1825	9.9	120837.0	-6505.1	1915	9.4	122857.0	-6535.1	2005	9.4	123942.5	-6523.6
1826	8.8	120841.0	-6500.7	1916	10.0	122923.5	-6529.9	2006	8.9	123946.5	-6533.1
1827	9.4	120912.0	-6502.8	1917	9.0	122928.0	-6522.1	2007	10.0	123948.0	-6506.8
1828	9.8	120924.5	-6507.1	1918	10.0	122932.0	-6550.9	2008	10.0	123959.0	-6559.0
1829	9.8	120951.0	-6523.3	1919	9.5	122941.5	-6528.8	2009	10.0	124025.5	-6542.2
1830	9.9	121012.0	-6517.1	1920	9.9	122949.5	-6530.5	2010	10.0	124031.0	-6504.0
1831	9.9	121018.3	-6557.2	1921	9.4	122957.0	-6530.2	2011	10.0	124033.0	-6522.6
1832	9.9	121028.0	-6508.5	1922	10.0	123028.5	-6515.1	2012	9.1	124035.0	-6522.9
1833	9.6	121037.5	-6501.8	1923	10.0	123035.0	-6552.3	2013	9.2	124036.5	-6522.0
1834	8.5	121158.5	-6549.5	1924	9.4	123044.0	-6510.9	2014	9.6	124040.5	-6539.0
1835	8.9	121210.0	-6504.9	1925	9.4	123047.0	-6530.5	2015	10.0	124057.5	-6531.3
1836	8.5	121214.8	-6557.9	1926	8.4	123058.0	-6508.7	2016	9.6	124058.0	-6531.8
1837	9.2	121218.0	-6522.5	1927	9.6	123059.5	-6548.5	2017	10.0	124100.5	-6519.6
1838	8.8	121230.5	-6508.0	1928	10.0	123106.5	-6506.4	2018	9.7	124101.5	-6518.5
1839	9.5	121304.0	-6548.7	1929	10.0	123130.5	-6551.8	2019	10.0	124115.5	-6502.9
1840	9.4	121325.0	-6539.1	1930	9.9	123140.0	-6533.9	2020	10.0	124115.5	-6543.3
1841	8.6	121328.0	-6535.3	1931	9.9	123140.0	-6555.1	2021	9.2	124126.5	-6544.1
1842	6.4	121337.0	-6508.9	1932	9.7	123145.5	-6509.9	2022	10.0	124139.5	-6501.9
1843	8.8	121339.0	-6536.8	1933	10.0	123154.0	-6546.5	2023	9.5	124146.0	-6527.9
1844	9.0	121339.5	-6507.1	1934	9.2	123158.0	-6544.5	2024	9.4	124149.0	-6511.4
1845	9.9	121340.0	-6549.0	1935	10.0	123200.0	-6512.5	2025	9.2	124152.0	-6554.3
1846	8.3	121417.5	-6508.4	1936	8.7	123205.0	-6501.4	2026	9.4	124203.2	-6558.1
1847	9.9	121440.5	-6523.8	1937	10.0	123206.5	-6527.8	2027	8.5	124215.5	-6550.7
1848	9.6	121442.5	-6535.7	1938	9.2	123214.5	-6521.6	2028	9.9	124218.0	-6511.9
1849	9.9	121535.5	-6551.9	1939	9.8	123226.0	-6505.8	2029	9.5	124220.0	-6500.8
1850	9.9	121603.0	-6519.1	1940	9.3	123230.0	-6517.7	2030	8.8	124234.0	-6525.0
1851	9.5	121609.5	-6508.7	1941	6.8	123231.5	-6549.3	2031	9.5	124242.0	-6508.8
1852	8.8	121618.0	-6524.0	1942	9.6	123233.0	-6547.2	2032	9.8	124249.0	-6544.8
1853	9.7	121624.0	-6551.1	1943	10.0	123239.0	-6539.3	2033	9.2	124254.0	-6529.9
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1855	9.2	121639.0	-6510.0	1945	9.9	123243.0	-6523.8	2035	8.6	124307.5	-6544.9
1856	9.9	121640.5	-6513.2	1946	8.9	123259.5	-6510.4	2036	9.0	124308.5	-6506.2
1857	9.3	121649.5	-6501.1	1947	9.5	123302.5	-6543.8	2037	10.0	124328.5	-6549.1
1858	9.0	121709.0	-6525.1	1948	9.7	123319.5	-6545.1	2038	9.8	124338.0	-6532.0
1859	8.7	121753.0	-6509.5	1949	10.0	123326.0	-6540.3	2039	9.9	124349.0	-6547.7
1860	9.1	121801.5	-6519.9	1950	10.0	123331.5	-6536.3	2040	9.4	124350.0	-6519.1
1861	9.9	121814.0	-6537.7	1951	9.3	123347.0	-6504.9	2041	8.5	124351.5	-6517.4
1862	7.1	121820.0	-6504.5	1952	9.5	123352.0	-6543.4	2042	9.2	124354.0	-6502.1
1863	9.3	121831.0	-6507.9	1953	9.2	123412.0	-6512.1	2043	9.2	124355.0	-6536.3
1864	9.5	121842.0	-6515.0	1954	9.7	123416.0	-6558.8	2044	9.4	124404.0	-6531.9
1865	9.9	121851.7	-6526.6	1955	9.8	123430.0	-6555.9	2045	9.0	124404.5	-6510.0
1866	8.6	121858.0	-6501.7	1956	9.8	123442.0	-6552.9	2046	10.0	124415.0	-6557.6
1867	9.5	121902.0	-6505.3	1957	9.8	123445.0	-6556.8	2047	9.2	124418.0	-6521.2
1868	9.9	121922.5	-6548.1	1958	9.9	123451.7	-6559.6	2048	9.5	124441.0	-6530.9
1869	9.6	121952.5	-6528.0	1959	9.4	123452.0	-6513.1	2049	9.0	124444.5	-6540.0
1870	10.0	121956.0	-6527.9	1960	9.9	123501.5	-6550.0	2050	10.0	124450.0	-6514.8
1871	9.1	121959.0	-6507.8	1961	9.8	123503.5	-6510.1	2051	9.9	124454.0	-6502.5
1872	9.6	122009.5	-6515.5	1962	10.0	123511.5	-6516.6	2052	9.4	124455.0	-6508.3
1873	8.7	122010.8	-6519.5	1963	9.5	123514.5	-6544.7	2053	9.9	124500.0	-6528.7
1874	9.1	122014.0	-6533.6	1964	10.0	123517.5	-6538.8	2054	10.0	124502.0	-6502.3
1875	9.7	122020.0	-6536.7	1965	10.0	123519.5	-6537.4	2055	8.9	124504.5	-6529.5
1876	9.8	122021.5	-6558.6	1966	7.6	123521.5	-6546.2	2056	9.2	124505.5	-6525.4
1877	9.7	122022.0	-6544.9	1967	9.6	123528.0	-6549.6	2057	10.0	124509.0	-6512.0
1878	9.9	122028.0	-6514.9	1968	9.9	123529.5	-6509.9	2058	10.0	124521.0	-6512.1
1879	10.0	122112.5	-6539.8	1969	9.4	123533.5	-6535.9	2059	9.8	124606.0	-6534.2
1880	9.4	122144.5	-6532.3	1970	9.1	123536.5	-6540.7	2060	9.0	124616.0	-6559.9
1881	9.7	122224.0	-6536.5	1971	9.5	123540.0	-6549.8	2061	10.0	124636.5	-6549.1
1882	9.0	122232.0	-6554.4	1972	9.8	123541.0	-6557.0	2062	9.6	124640.0	-6548.1
1883	9.8	122258.0	-6534.9	1973	8.9	123558.0	-6556.1	2063	10.0	124646.0	-6527.9
1884	9.8	122307.5	-6504.0	1974	10.0	123559.0	-6555.8	2064	10.0	124659.5	-6529.6
1885	9.6	122322.5	-6542.1	1975	10.0	123600.0	-6542.4	2065	10.0	124659.5	-6521.9
1886	9.5	122323.5	-6539.9	1976	9.8	123606.0	-6528.9	2066	9.2	124701.5	-6516.4
1887	9.3	122401.0	-6550.6	1977	9.6	123610.5	-6526.2	2067	9.3	124704.0	-6546.0
1888	9.7	122415.0	-6554.9	1978	10.0	123612.5	-6519.9	2068	9.2	124707.0	-6554.6
1889	9.1	122415.0	-6541.8	1979	9.8	123614.5	-6516.4	2069	9.0	124709.5	-6509.0
1890	9.2	122415.5	-6551.8	1980	9.5	123627.5	-6510.9	2070	9.2	124713.7	-6559.5
1891	10.0	122419.5	-6553.7	1981	9.2	123655.5	-6522.9	2071	9.0	124715.5	-6520.7
1892	9.8	122426.5	-6517.6	1982	9.8	123702.0	-6538.9	2072	9.2	124719.0	-6555.1
1893	10.0	122434.0	-6537.9	1983	9.8	123706.5	-6500.4	2073	9.2	124721.0	-6541.6
1894	9.5	122436.0	-6542.9	1984	9.3	123712.0	-6543.9	2074	10.0	124722.0	-6516.3
1895	9.7	122439.5	-6554.4	1985	9.3	123725.0	-6525.3	2075	10.0	124754.5	-6541.9
1896	9.4	122459.5	-6544.4	1986	9.4	123729.0	-6556.6	2076	10.0	124755.5	-6541.0
1897	9.6	122501.0	-6538.5	1987	9.8	123737.5	-6558.8	2077	9.4	124826.0	-6507.3
1898	9.6	122501.0	-6547.7	1988	9.4	123738.0	-6521.2	2078	9.4	124828.5	-6555.7
1899	10.0	122535.0	-6554.6	1989	10.0	123740.5	-6559.7	2079	9.2	124834.0	-6552.8
1900	9.2	122540.0	-6541.0	1990	9.0	123743.2	-6557.7	2080	9.6	124834.5	-6523.3
1901	9.2	122541.0	-6531.9	1991	9.6	123757.5	-6542.9	2081	9.9	124836.5	-6505.9
1902	9.6	122548.0	-6500.8	1992	9.9	123809.5	-6541.8	2082	8.7	124837.2	-6500.1
1903	9.2	122549.5	-6559.9	1993	9.0	123814.5	-6540.6	2083	9.5	124903.5	-6544.7
1904	9.6	122559.0	-6532.7	1994	9.2	123829.5	-6531.8	2084	9.9	124922.5	-6559.0
1905	8.0	122621.5	-6525.5	1995	10.0	123829.5	-6534.9	2085	9.7	124925.0	-6549.2
1906	9.5	122626.0	-6500.6	1996	10.0	123829.5	-6510.1	2086	9.9	124931.0	-6508.1
1907	10.0	122653.0	-6508.6	1997	10.0	123835.5	-6548.7	2087	9.7	124938.5	-6529.5
1908	9.2	122721.0	-6515.6	1998	9.6	123848.5	-6541.9	2088	10.0	124954.3	-6557.9
1909	9.6	122721.5	-6517.9	1999	9.4	123850.7	-6558.0	2089	10.0	125000.0	-6528.4
1910	10.0	122749.0	-6517.5	2000	10.0	123859.0	-6554.0	2090	9.6	125009.0	-6511.1

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2091	10.0	125013.0	-6532.0	2101	9.9	125150.0	-6552.8	2111	8.8	125303.0	-6510.6
2092	9.2	125026.5	-6552.1	2102	10.0	125154.0	-6559.0	2112	10.0	125313.0	-6503.3
2093	10.0	125031.0	-6510.2	2103	9.8	125154.0	-6546.5	2113	10.0	125320.0	-6513.7
2094	9.8	125048.0	-6538.2	2104	9.2	125200.5	-6519.2	2114	10.0	125332.5	-6529.0
2095	9.4	125059.0	-6536.9	2105	9.3	125215.5	-6539.0	2115	10.0	125339.5	-6507.8
2096	9.5	125100.0	-6504.7	2106	9.5	125217.0	-6556.8	2116	9.4	125401.5	-6512.0
2097	9.8	125101.0	-6505.6	2107	10.0	125220.0	-6510.1	2117	8.8	125411.0	-6527.8
2098	10.0	125108.5	-6555.8	2108	10.0	125230.0	-6528.1	2118	10.0	125418.0	-6514.1
2099	10.0	125117.0	-6551.0	2109	10.0	125251.5	-6548.2	2119	9.2	125423.5	-6550.4
2100	9.0	125122.0	-6523.0	2110	8.8	125256.5	-6548.4	2120	10.0	125426.0	-6550.8
2121	9.1	125426.5	-6534.0	2131	9.4	125525.5	-6524.2	2141	8.7	125632.0	-6515.0
2122	9.0	125428.5	-6523.0	2132	10.0	125527.5	-6550.0	2142	9.3	125710.0	-6504.9
2123	9.2	125429.0	-6543.0	2133	10.0	125532.2	-6501.3	2143	10.0	125715.5	-6545.1
2124	9.2	125438.7	-6501.7	2134	10.0	125545.5	-6523.1	2144	9.4	125741.5	-6532.9
2125	9.5	125452.0	-6548.0	2135	9.9	125551.5	-6548.0	2145	9.6	125742.0	-6503.3
2126	9.3	125456.5	-6507.6	2136	9.8	125607.0	-6524.3	2146	9.1	125744.0	-6540.8
2127	8.7	125501.0	-6525.2	2137	10.0	125619.0	-6503.3	2147	9.8	125753.0	-6557.1
2128	9.6	125502.0	-6507.9	2138	9.3	125620.0	-6509.9	2148	9.9	125754.5	-6525.0
2129	10.0	125516.5	-6527.8	2139	9.1	125623.6	-6503.4	2149	9.4	125826.5	-6539.5
2130	10.0	125519.5	-6534.0	2140	8.1	125626.5	-6533.2	2150	9.6	125840.5	-6547.1
2151	9.4	125906.0	-6546.5	2161	9.9	125955.0	-6529.5	2171	9.9	130030.5	-6545.0
2152	9.8	125907.5	-6553.0	2162	9.7	125959.0	-6557.8	2172	9.9	130043.5	-6530.2
2153	10.0	125927.0	-6514.2	2163	9.2	130009.0	-6520.6	2173	9.2	130047.7	-6530.5
2154	10.0	125929.3	-6506.9	2164	9.9	130013.5	-6516.3	2174	9.1	130056.0	-6520.2
2155	9.9	125928.5	-6505.2	2165	9.8	130025.5	-6525.9	2175	9.5	130058.0	-6542.1
2156	8.1	125932.5	-6512.6	2166	9.8	130016.5	-6551.0	2176	9.6	130058.5	-6516.1
2157	9.9	125932.5	-6507.0	2167	9.6	130017.5	-6502.1	2177	9.9	130058.5	-6554.9
2158	9.9	125935.5	-6531.9	2168	9.5	130017.7	-6516.9	2178	9.8	130102.5	-6528.8
2159	9.9	125939.5	-6540.5	2169	9.7	130021.3	-6552.8	2179	9.9	130117.2	-6512.5
2160	9.8	125949.0	-6526.1	2170	9.8	130028.5	-6551.4	2180	9.4	130119.5	-6532.8

2181	8.7	130125.5	-6552.5	2271	9.5	131226.5	-6541.6	2361	9.9	132341.0	-6544.0	2451	9.8	133700.0	-6517.4
2182	9.9	130125.5	-6512.2	2272	9.9	131228.0	-6541.1	2362	9.4	132342.5	-6529.0	2452	9.7	133708.0	-6518.3
2183	9.7	130139.5	-6506.9	2273	9.5	131240.0	-6559.9	2363	9.3	132344.5	-6525.1	2453	9.6	133718.5	-6507.7
2184	9.9	130152.5	-6503.4	2274	9.9	131246.5	-6527.9	2364	9.6	132400.0	-6553.6	2454	9.2	133727.0	-6513.1
2185	9.6	130207.0	-6500.9	2275	9.5	131247.0	-6528.1	2365	9.5	132405.5	-6535.2	2455	9.7	133743.5	-6540.8
2186	9.8	130224.2	-6544.8	2276	9.5	131256.0	-6546.2	2366	9.4	132410.5	-6544.1	2456	9.9	133802.5	-6558.9
2187	9.0	130231.5	-6501.0	2277	9.9	131259.0	-6519.5	2367	9.5	132411.0	-6522.1	2457	9.6	133835.0	-6536.7
2188	9.3	130241.5	-6520.1	2278	9.2	131308.0	-6550.0	2368	9.9	132456.0	-6508.0	2458	9.8	133837.5	-6509.4
2189	9.9	130256.5	-6502.8	2279	8.4	131312.0	-6522.5	2369	8.6	132459.0	-6543.3	2459	8.4	133857.0	-6512.8
2190	9.5	130259.5	-6532.0	2280	9.2	131315.0	-6503.5	2370	9.8	132500.5	-6506.4	2460	10.0	133900.5	-6552.2
2191	9.6	130307.0	-6503.6	2281	9.9	131318.5	-6521.0	2371	7.1	132504.5	-6526.0	2461	9.4	133923.2	-6517.6
2192	9.9	130311.2	-6537.2	2282	9.9	131319.0	-6502.0	2372	9.7	132511.0	-6504.8	2462	9.6	133939.0	-6539.7
2193	9.9	130324.5	-6501.3	2283	9.1	131324.0	-6522.5	2373	9.9	132514.0	-6556.0	2463	9.9	133943.0	-6539.9
2194	9.9	130344.0	-6501.9	2284	9.9	131325.0	-6536.9	2374	9.9	132529.0	-6515.1	2464	9.5	134002.5	-6524.1
2195	9.8	130357.2	-6554.9	2285	8.8	131327.0	-6516.2	2375	8.9	132530.5	-6500.2	2465	9.9	134002.7	-6501.4
2196	9.8	130405.0	-6519.5	2286	9.8	131328.0	-6517.5	2376	9.5	132532.0	-6519.6	2466	9.2	134019.7	-6519.1
2197	9.3	130406.5	-6540.1	2287	9.9	131335.0	-6535.2	2377	9.5	132542.0	-6525.3	2467	8.6	134021.7	-6546.7
2198	9.5	130410.0	-6518.2	2288	9.8	131335.5	-6542.8	2378	9.6	132610.0	-6512.1	2468	9.2	134031.2	-6554.6
2199	9.8	130414.2	-6529.7	2289	9.8	131339.2	-6519.3	2379	9.7	132612.0	-6554.3	2469	9.8	134040.0	-6551.6
2200	9.8	130431.2	-6522.9	2290	9.3	131339.4	-6516.5	2380	9.5	132622.0	-6527.4	2470	9.2	134040.5	-6507.2
2201	6.6	130432.5	-6533.6	2291	9.4	131341.5	-6530.2	2381	9.3	132627.0	-6524.1	2471	10.0	134045.0	-6521.4
2202	9.5	130443.5	-6513.1	2292	9.9	131345.5	-6556.4	2382	9.5	132634.0	-6550.8	2472	8.8	134046.0	-6535.5
2203	9.9	130446.8	-6501.3	2293	9.7	131352.0	-6506.9	2383	9.7	132637.0	-6509.7	2473	10.0	134047.0	-6521.7
2204	9.9	130518.0	-6534.0	2294	9.3	131352.5	-6555.7	2384	9.1	132637.5	-6519.8	2474	9.8	134102.0	-6539.6
2205	9.0	130522.0	-6551.3	2295	9.6	131356.5	-6504.1	2385	9.9	132646.0	-6531.0	2475	9.2	134111.0	-6533.9
2206	9.9	130523.0	-6506.1	2296	9.8	131357.5	-6509.2	2386	9.6	132650.5	-6546.4	2476	9.4	134114.5	-6554.3
2207	9.0	130526.0	-6524.0	2297	9.6	131359.0	-6509.6	2387	9.9	132720.0	-6534.6	2477	10.0	134118.0	-6501.4
2208	9.3	130526.0	-6556.0	2298	9.3	131359.0	-6508.4	2388	9.7	132729.5	-6556.8	2478	8.8	134118.0	-6535.5
2209	9.9	130526.5	-6503.8	2299	9.5	131422.5	-6532.8	2389	9.9	132809.5	-6548.1	2479	9.4	134128.0	-6549.3
2210	9.6	130534.0	-6506.1	2300	9.9	131426.0	-6528.3	2390	9.3	132817.0	-6554.8	2480	9.2	134134.0	-6533.8
2211	8.9	130540.0	-6517.5	2301	9.5	131439.0	-6536.0	2391	9.9	132822.5	-6509.0	2481	9.1	134143.0	-6547.2
2212	9.8	130548.5	-6515.2	2302	9.4	131441.0	-6535.7	2392	9.3	132824.5	-6508.3	2482	9.4	134145.5	-6559.9
2213	9.9	130549.5	-6515.8	2303	9.7	131447.0	-6527.2	2393	9.9	132829.0	-6522.1	2483	10.0	134146.5	-6512.9
2214	9.7	130554.2	-6523.6	2304	9.9	131453.5	-6527.4	2394	9.9	132837.0	-6546.5	2484	9.8	134147.0	-6548.6
2215	9.9	130556.5	-6520.9	2305	9.9	131502.5	-6532.8	2395	9.8	132845.5	-6530.0	2485	9.1	134154.0	-6554.8
2216	9.7	130602.5	-6522.2	2306	9.6	131511.5	-6537.1	2396	9.9	132900.0	-6503.0	2486	9.8	134158.0	-6535.6
2217	9.4	130609.0	-6536.6	2307	9.6	131512.5	-6536.9	2397	9.2	132901.0	-6537.7	2487	8.9	134215.0	-6516.1
2218	9.6	130610.0	-6501.4	2308	9.9	131536.0	-6531.8	2398	9.8	132902.5	-6525.9	2488	8.8	134226.5	-6509.1
2219	9.3	130619.5	-6501.3	2309	9.7	131538.5	-6524.[illegible]	2399	8.5	132906.0	-6535.4	2489	9.4	134228.5	-6553.5
2220	9.9	130620.0	-6545.0	2310	9.9	131552.0	-6553.[illegible]	2400	9.4	132923.5	-6559.1	2490	9.6	134238.5	-6547.5
2221	9.3	130629.3	-6559.1	2311	9.9	131557.5	-6536.1	2401	9.2	132944.0	-6540.1	2491	9.9	134244.0	-6515.1
2222	9.6	130640.0	-6553.2	2312	9.9	131609.5	-6539.9	2402	9.7	132947.0	-6519.2	2492	9.5	134255.5	-6518.8
2223	9.8	130647.0	-6552.6	2313	9.9	131610.0	-6542.0	2403	9.7	132959.5	-6507.1	2493	9.4	134256.0	-6541.1
2224	9.8	130650.8	-6558.7	2314	9.1	131618.5	-6517.1	2404	9.8	133003.5	-6552.9	2494	9.6	134258.0	-6542.7
2225	9.8	130653.0	-6556.9	2315	9.5	131626.0	-6514.6	2405	9.4	133009.0	-6509.1	2495	8.6	134300.5	-6523.7
2226	9.6	130706.0	-6521.4	2316	9.9	131633.0	-6525.9	2406	9.3	133017.0	-6507.5	2496	8.7	134301.0	-6547.0
2227	9.8	130709.5	-6521.0	2317	8.9	131641.0	-6515.3	2407	9.2	133029.2	-6559.5	2497	9.6	134312.0	-6542.0
2228	9.3	130735.5	-6529.8	2318	9.0	131642.0	-6548.0	2408	9.9	133036.5	-6517.0	2498	9.0	134320.5	-6531.6
2229	9.5	130736.5	-6548.8	2319	9.7	131644.0	-6525.3	2409	9.0	133043.5	-6558.1	2499	9.4	134328.5	-6527.9
2230	9.2	130739.5	-6507.1	2320	9.6	131658.0	-6522.9	2410	9.2	133102.0	-6519.1	2500	9.4	134332.0	-6545.6
2231	9.5	130741.0	-6556.1	2321	9.3	131700.0	-6538.0	2411	9.5	133108.0	-6534.1	2501	10.0	134340.5	-6553.2
2232	9.7	130742.0	-6552.0	2322	9.9	131717.5	-6556.6	2412	9.5	133108.5	-6501.2	2502	9.7	134340.5	-6556.6
2233	9.4	130801.0	-6531.1	2323	9.9	131723.0	-6534.0	2413	9.7	133111.0	-6551.1	2503	7.3	134401.0	-6553.6
2234	9.5	130811.5	-6505.1	2324	9.5	131729.0	-6515.9	2414	9.7	133114.5	-6550.4	2504	9.4	134403.0	-6520.0
2235	9.7	130812.5	-6517.9	2325	8.7	131741.0	-6555.2	2415	9.8	133115.0	-6503.2	2505	10.0	134404.0	-6529.6
2236	9.7	130819.0	-6534.0	2326	9.9	131749.0	-6515.1	2416	9.5	133139.0	-6531.4	2506	10.0	134406.0	-6544.6
2237	9.3	130826.5	-6527.9	2327	9.8	131749.0	-6522.6	2417	9.9	133146.0	-6547.7	2507	9.8	134409.5	-6502.4
2238	9.9	130859.5	-6507.9	2328	9.9	131749.5	-6554.2	2418	9.5	133148.5	-6523.1	2508	9.7	134432.0	-6546.5
2239	9.8	130912.0	-6552.8	2329	8.4	131802.0	-6511.4	2419	8.9	133151.0	-6554.0	2509	9.2	134432.0	-6528.7
2240	9.8	130913.0	-6542.9	2330	9.8	131820.2	-6502.4	2420	8.6	133152.7	-6558.9	2510	9.4	134433.0	-6501.1
2241	9.3	130915.0	-6540.9	2331	9.2	131831.0	-6504.7	2421	9.7	133207.0	-6546.6	2511	9.4	134435.5	-6507.1
2242	9.2	130939.5	-6546.7	2332	9.9	131831.5	-6534.5	2422	8.7	133211.0	-6541.2	2512	9.4	134436.5	-6500.1
2243	9.9	130940.0	-6507.4	2333	9.9	131911.0	-6543.7	2423	9.7	133227.0	-6527.9	2513	10.0	134439.5	-6553.8
2244	9.7	130946.5	-6518.5	2334	9.9	131914.5	-6540.8	2424	9.3	133229.5	-6545.0	2514	9.8	134440.0	-6531.0
2245	9.5	130952.5	-6533.8	2335	8.9	131930.0	-6537.7	2425	9.5	133230.5	-6536.0	2515	9.8	134440.5	-6511.0
2246	9.9	130955.0	-6546.4	2336	9.0	131932.0	-6542.0	2426	9.3	133238.0	-6519.3	2516	9.2	134459.5	-6534.2
2247	9.9	131010.0	-6523.7	2337	9.2	131951.0	-6528.4	2427	9.7	133257.5	-6526.2	2517	9.8	134503.0	-6514.6
2248	9.4	131012.2	-6501.8	2338	9.2	132003.5	-6541.0	2428	9.7	133308.5	-6522.4	2518	9.4	134504.5	-6534.3
2249	9.4	131014.5	-6505.6	2339	9.5	132003.5	-6523.1	2429	9.9	133327.5	-6513.6	2519	8.8	134520.5	-6503.1
2250	9.7	131041.0	-6516.6	2340	9.7	132005.5	-6533.4	2430	9.9	133332.0	-6545.1	2520	9.9	134530.0	-6519.9
2251	9.7	131042.0	-6509.9	2341	9.6	132015.0	-6557.1	2431	9.5	133332.5	-6523.7	2521	9.4	134536.5	-6522.9
2252	9.7	131052.0	-6538.0	2342	9.9	132026.0	-6501.5	2432	9.8	133333.0	-6547.2	2522	9.1	134603.5	-6532.5
2253	9.2	131055.0	-6505.6	2343	8.8	132031.0	-6525.4	2433	9.3	133337.0	-6539.0	2523	9.4	134617.0	-6514.6
2254	9.8	131059.0	-6543.2	2344	9.1	132034.0	-6525.8	2434	9.5	133348.3	-6502.6	2524	9.2	134619.0	-6547.3
2255	9.2	131114.5	-6551.7	2345	9.9	132035.5	-6539.6	2435	8.3	133349.0	-6556.8	2525	9.7	134625.0	-6538.5
2256	9.9	131121.0	-6523.6	2346	9.5	132118.0	-6539.5	2436	9.9	133357.0	-6518.0	2526	8.4	134631.5	-6546.0
2257	9.9	131121.0	-6519.5	2347	9.5	132130.0	-6544.3	2437	9.0	133414.0	-6529.9	2527	9.2	134631.5	-6519.0
2258	8.8	131122.0	-6515.5	2348	9.7	132137.0	-6555.2	2438	9.0	133417.5	-6554.1	2528	10.0	134632.0	-6520.0
2259	9.9	131130.0	-6501.1	2349	9.9	132141.0	-6505.6	2439	9.0	133431.5	-6551.4	2529	8.8	134632.5	-6543.3
2260	9.9	131133.0	-6514.2	2350	9.9	132148.5	-6542.9	2440	9.9	133432.5	-6516.1	2530	9.9	134634.5	-6524.1
2261	9.5	131136.5	-6520.7	2351	9.4	132151.0	-6539.0	2441	9.5	133432.5	-6530.8	2531	9.5	134641.0	-6543.0
2262	9.9	131150.0	-6527.6	2352	9.9	132201.5	-6514.0	2442	9.8	133432.5	-6535.2	2532	10.0	134641.5	-6518.2
2263	9.5	131153.0	-6511.9	2353	9.9	132226.5	-6521.0	2443	9.4	133435.5	-6510.2	2533	9.8	134705.0	-6515.1
2264	9.5	131156.5	-6503.0	2354	9.9	132242.5	-6512.8	2444	9.6	133527.0	-6506.9	2534	9.0	134710.5	-6553.6
2265	9.9	131157.0	-6522.9	2355	9.1	132244.5	-6503.4	2445	9.7	133529.0	-6509.7	2535	9.5	134728.0	-6555.4
2266	9.6	131202.5	-6507.5	2356	9.0	132245.0	-6536.2	2446	9.3	133542.5	-6507.0	2536	9.2	134739.5	-6515.7
2267	9.0	131202.5	-6552.3	2357	9.0	132246.5	-6535.5	2447	9.4	133554.5	-6500.7	2537	10.0	134748.5	-6505.1
2268	9.0	131211.0	-6526.7	2358	8.8	132247.0	-6555.9	2448	9.9	133556.5	-6559.0	2538	9.2	134754.5	-6539.6
2269	9.9	131218.5	-6505.0	2359	9.9	132329.2	-6502.9	2449	9.9	133600.0	-6501.0	2539	10.0	134756.0	-6549.8
2270	9.0	131225.0	-6554.8	2360	9.6	132337.0	-6527.7	2450	9.7	133606.0	-6542.0	2540	10.0	134809.5	-6532.9

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2541	10.0	134818.5	-6502.0	2631	9.9	140206.5	-6502.0	2721	9.9	141600.0	-6513.6
2542	9.4	134818.5	-6547.1	2632	9.4	140217.5	-6512.9	2722	9.2	141600.5	-6532.0
2543	9.1	134820.5	-6511.9	2633	9.9	140218.0	-6511.0	2723	9.1	141602.5	-6505.7
2544	10.0	134829.5	-6530.6	2634	9.8	140226.0	-6503.0	2724	9.8	141614.5	-6554.0
2545	9.5	134833.5	-6515.6	2635	9.8	140229.0	-6547.0	2725	8.2	141616.5	-6502.3
2546	9.9	134850.0	-6506.4	2636	9.2	140231.0	-6520.2	2726	9.2	141622.0	-6533.0
2547	9.6	134850.0	-6544.2	2637	8.2	140236.0	-6521.5	2727	9.4	141627.0	-6533.0
2548	9.9	134858.0	-6521.3	2638	9.6	140240.5	-6548.4	2728	8.5	141630.0	-6537.9
2549	9.4	134900.5	-6507.1	2639	8.4	140245.0	-6524.8	2729	8.8	141642.5	-6556.0
2550	9.8	134901.5	-6507.4	2640	9.9	140258.0	-6532.5	2730	9.9	141645.0	-6537.0
2551	8.1	134902.3	-6501.8	2641	9.1	140258.5	-6515.1	2731	8.9	141650.0	-6556.0
2552	9.6	134902.5	-6548.0	2642	8.8	140306.0	-6551.7	2732	7.9	141710.0	-6515.2
2553	8.0	134913.5	-6511.3	2643	9.0	140308.5	-6534.2	2733	9.4	141720.0	-6550.6
2554	8.7	134925.5	-6542.0	2644	9.5	140325.0	-6554.2	2734	9.2	141723.0	-6559.1
2555	9.6	134930.0	-6540.3	2645	10.0	140332.0	-6503.9	2735	10.0	141802.0	-6558.3
2556	9.4	134939.5	-6528.6	2646	9.4	140340.5	-6535.6	2736	9.9	141818.8	-6528.9
2557	9.8	134950.5	-6516.7	2647	9.8	140341.5	-6558.2	2737	10.0	141821.5	-6551.8
2558	9.8	134952.0	-6512.7	2648	9.3	140404.0	-6539.0	2738	9.4	141829.0	-6547.2
2559	10.0	134952.0	-6536.6	2649	9.3	140426.0	-6537.6	2739	10.0	141851.0	-6532.0
2560	10.0	134952.5	-6547.8	2650	9.5	140444.5	-6501.6	2740	10.0	141913.0	-6543.0
2561	9.8	134955.0	-6515.3	2651	10.0	140450.0	-6559.0	2741	9.7	141921.5	-6529.1
2562	8.6	134957.0	-6509.6	2652	7.0	140451.0	-6533.9	2742	8.4	141932.0	-6550.9
2563	9.5	135007.5	-6503.4	2653	10.0	140457.5	-6503.8	2743	9.2	141935.1	-6501.7
2564	9.4	135018.5	-6516.6	2654	10.0	140458.0	-6504.1	2744	9.6	141946.2	-6528.4
2565	9.4	135019.0	-6538.7	2655	7.1	140500.0	-6506.8	2745	9.4	141949.7	-6559.3
2566	10.0	135019.0	-6508.8	2656	9.6	140504.0	-6542.8	2746	10.0	142011.5	-6544.7
2567	9.2	135031.5	-6535.1	2657	9.2	140509.0	-6534.9	2747	9.6	142018.0	-6503.0
2568	9.4	135034.0	-6547.7	2658	9.4	140526.0	-6550.4	2748	10.0	142020.0	-6502.3
2569	9.5	135118.0	-6526.2	2659	9.6	140545.0	-6524.5	2749	10.0	142021.0	-6502.5
2570	9.7	135121.0	-6516.6	2660	10.0	140620.5	-6508.2	2750	9.6	142043.2	-6516.1
2571	10.0	135121.5	-6543.0	2661	8.5	140634.5	-6536.4	2751	10.0	142108.0	-6511.9
2572	9.7	135127.0	-6511.1	2662	9.4	140636.0	-6527.3	2752	9.8	142112.0	-6527.1
2573	6.7	135128.0	-6539.5	2663	9.2	140710.5	-6553.4	2753	10.0	142125.0	-6552.5
2574	10.0	135130.0	-6541.9	2664	9.9	140711.5	-6505.7	2754	9.9	142135.5	-6507.0
2575	9.3	135143.5	-6547.2	2665	9.1	140719.5	-6505.4	2755	9.4	142142.0	-6545.4
2576	10.0	135153.0	-6504.9	2666	9.9	140720.5	-6542.5	2756	9.7	142203.0	-6527.7
2577	10.0	135205.5	-6521.5	2667	7.9	140722.5	-6543.5	2757	9.4	142206.5	-6531.0
2578	9.1	135209.7	-6557.1	2668	8.8	140748.0	-6553.9	2758	8.8	142242.5	-6514.5
2579	9.2	135215.0	-6539.6	2669	9.9	140808.5	-6510.7	2759	9.4	142244.5	-6558.5
2580	9.4	135232.0	-6534.3	2670	9.2	140811.5	-6500.7	2760	10.0	142245.5	-6517.1
2581	9.6	135235.0	-6533.9	2671	9.6	140816.0	-6534.2	2761	9.8	142246.5	-6546.2
2582	9.2	135238.0	-6559.9	2672	8.6	140840.5	-6502.6	2762	9.6	142249.5	-6522.3
2583	9.2	135242.0	-6501.6	2673	9.8	140845.5	-6531.0	2763	9.7	142254.5	-6555.0
2584	9.9	135250.0	-6548.0	2674	9.5	140848.5	-6539.0	2764	10.0	142321.5	-6551.7
2585	9.8	135303.0	-6530.0	2675	9.9	140855.0	-6503.6	2765	9.6	142323.0	-6513.5
2586	9.9	135318.7	-6559.9	2676	9.8	140908.0	-6545.3	2766	10.0	142337.0	-6518.9
2587	9.4	135325.0	-6506.9	2677	9.8	140910.0	-6544.6	2767	9.9	142340.5	-6521.8
2588	8.8	135331.0	-6540.1	2678	9.9	140915.5	-6521.8	2768	9.8	142358.0	-6551.1
2589	9.5	135356.5	-6522.6	2679	9.8	141024.0	-6529.5	2769	9.6	142358.0	-6503.5
2590	9.2	135432.5	-6509.0	2680	10.0	141032.0	-6527.2	2770	9.9	142410.5	-6500.0
2591	9.4	135434.5	-6547.0	2681	8.8	141039.0	-6532.5	2771	9.8	142417.0	-6520.3
2592	10.0	135437.5	-6526.8	2682	10.0	141040.5	-6557.0	2772	10.0	142421.5	-6532.6
2593	9.9	135438.5	-6546.2	2683	8.4	141052.0	-6544.6	2773	10.0	142435.5	-6549.8
2594	9.4	135439.5	-6521.2	2684	9.2	141055.5	-6540.2	2774	9.4	142436.0	-6537.1
2595	9.5	135459.5	-6537.2	2685	9.8	141114.5	-6517.0	2775	8.8	142448.0	-6527.5
2596	10.0	135544.5	-6543.6	2686	8.3	141121.0	-6514.9	2776	9.3	142450.0	-6528.7
2597	10.0	135548.0	-6543.0	2687	9.9	141132.5	-6522.4	2777	9.4	142543.0	-6511.9
2598	9.4	135613.5	-6538.6	2688	9.9	141157.5	-6548.0	2778	9.7	142545.0	-6505.5
2599	9.9	135621.0	-6555.0	2689	9.6	141159.0	-6531.2	2779	10.0	142547.0	-6510.1
2600	9.0	135641.0	-6507.3	2690	9.4	141204.0	-6532.5	2780	10.0	142606.5	-6550.1
2601	10.0	135645.0	-6515.4	2691	9.4	141207.5	-6509.8	2781	9.2	142607.0	-6511.2
2602	9.4	135647.5	-6551.1	2692	9.9	141217.5	-6517.0	2782	8.9	142612.5	-6540.9
2603	9.3	135658.5	-6527.1	2693	10.0	141224.0	-6516.3	2783	9.2	142628.5	-6556.4
2604	9.2	135725.5	-6504.0	2694	9.9	141225.0	-6510.5	2784	10.0	142635.5	-6542.9
2605	10.0	135751.0	-6533.0	2695	8.7	141227.0	-6500.8	2785	8.9	142656.5	-6554.1
2606	9.2	135757.0	-6524.0	2696	8.4	141231.5	-6545.0	2786	9.6	142708.0	-6541.4
2607	9.4	135758.0	-6541.0	2697	9.5	141239.0	-6554.3	2787	9.8	142720.5	-6517.2
2608	9.3	135803.5	-6509.9	2698	10.0	141242.8	-6532.0	2788	9.5	142724.5	-6504.1
2609	10.0	135805.5	-6550.9	2699	9.6	141258.5	-6520.0	2789	9.6	142726.5	-6519.1
2610	8.3	135807.0	-6533.1	2700	10.0	141259.0	-6545.0	2790	9.3	142753.0	-6535.0
2611	9.1	135814.5	-6533.8	2701	10.0	141320.0	-6522.2	2791	9.0	142809.0	-6554.0
2612	9.4	135831.5	-6540.6	2702	9.2	141352.0	-6527.6	2792	9.4	142809.5	-6536.8
2613	9.7	135834.5	-6542.0	2703	9.7	141406.5	-6558.1	2793	9.5	142813.0	-6554.4
2614	9.8	135904.0	-6514.5	2704	9.9	141411.8	-6504.0	2794	9.9	142822.0	-6521.1
2615	9.7	135917.5	-6522.6	2705	9.6	141416.0	-6545.5	2795	8.5	142830.5	-6535.1
2616	9.4	135920.5	-6522.2	2706	10.0	141417.8	-6515.0	2796	10.0	142834.5	-6559.9
2617	9.2	135935.5	-6514.4	2707	10.0	141418.8	-6527.9	2797	9.9	142838.5	-6527.8
2618	8.6	135941.8	-6501.7	2708	9.9	141426.0	-6509.0	2798	10.0	142857.5	-6536.4
2619	8.8	135950.5	-6513.3	2709	8.8	141449.0	-6522.8	2799	9.4	142902.0	-6536.9
2620	9.4	135951.0	-6558.6	2710	10.0	141502.0	-6526.9	2800	9.3	142907.0	-6519.8
2621	10.0	140030.0	-6509.1	2711	9.8	141518.8	-6518.2	2801	9.9	142909.5	-6508.0
2622	10.0	140033.5	-6532.0	2712	9.4	141521.5	-6535.9	2802	9.4	142918.5	-6538.4
2623	9.4	140042.0	-6541.4	2713	9.6	141530.5	-6533.6	2803	9.0	142923.5	-6516.8
2624	10.0	140058.5	-6532.7	2714	9.8	141530.8	-6552.6	2804	9.9	142928.5	-6500.5
2625	9.8	140114.5	-6532.9	2715	9.1	141533.5	-6522.9	2805	9.9	142942.5	-6514.5
2626	9.8	140125.0	-6517.4	2716	9.9	141540.7	-6528.8	2806	10.0	142942.5	-6504.9
2627	8.1	140136.0	-6548.8	2717	8.8	141541.0	-6507.0	2807	9.6	142949.5	-6530.9
2628	9.9	140142.0	-6533.5	2718	7.0	141541.5	-6536.2	2808	9.4	142951.5	-6530.1
2629	9.1	140145.5	-6549.9	2719	10.0	141544.5	-6508.8	2809	9.4	142957.0	-6540.0
2630	9.8	140146.5	-6557.4	2720	9.5	141600.0	-6523.7	2810	9.6	143008.0	-6526.9

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2811	10.0	143019.0	-6503.8	2901	9.3	143943.0	-6526.4				
2812	9.6	143021.0	-6544.3	2892	9.3	143944.0	-6526.9				
2813	9.2	143029.5	-6553.6	2893	9.6	143948.0	-6543.0				
2814	9.8	143032.0	-6536.1	2894	9.3	143950.0	-6553.5				
2815	9.4	143052.5	-6501.4	2895	7.7	144002.0	-6544.1				
2816	10.0	143100.5	-6529.9	2896	8.2	144005.2	-6557.8				
2817	10.0	143112.0	-6536.5	2897	9.6	144031.7	-6559.7				
2818	9.6	143116.5	-6534.3	2898	10.0	144049.5	-6527.8				
2819	10.0	143121.5	-6546.6	2899	10.0	144052.5	-6507.4				
2820	9.2	143124.5	-6531.9	2900	10.0	144056.0	-6527.2				
2821	10.0	143129.0	-6545.1								
2822	10.0	143130.5	-6542.0								
2823	9.6	143137.0	-6532.5								
2824	9.6	143142.5	-6511.0								
2825	9.9	143148.0	-6542.6								
2826	10.0	143149.0	-6545.5								
2827	10.0	143152.5	-6544.4								
2828	10.0	143152.5	-6554.4								
2829	9.4	143154.0	-6529.0								
2830	9.3	143158.0	-6507.3								
2831	8.8	143159.5	-6520.9								
2832	10.0	143207.0	-6508.4								
2833	10.0	143219.0	-6525.3								
2834	9.0	143220.0	-6521.2								
2835	8.8	143220.0	-6509.3								
2836	10.0	143220.0	-6524.9								
2837	9.4	143230.5	-6506.9								
2838	9.3	143254.5	-6511.0								
2839	8.2	143258.0	-6504.9								
2840	9.0	143259.5	-6503.4								
2841	8.9	143306.5	-6506.5								
2842	9.2	143309.5	-6518.7								
2843	8.9	143315.5	-6524.1								
2844	9.8	143335.0	-6514.3								
2845	8.4	143347.0	-6555.5								
2846	9.4	143353.5	-6515.7								
2847	9.6	143354.5	-6511.2								
2848	9.2	143359.5	-6512.9								
2849	9.8	143413.5	-6542.5								
2850	9.2	143443.5	-6538.3								
2851	9.6	143448.5	-6537.0								
2852	9.2	143506.0	-6512.2								
2853	9.7	143506.0	-6533.5								
2854	9.6	143517.2	-6559.4								
2855	8.6	143519.0	-6541.8								
2856	9.6	143534.0	-6553.3								
2857	9.2	143541.5	-6530.3								
2858	9.0	143552.0	-6535.0								
2859	8.9	143552.7	-6559.7								
2860	9.4	143556.5	-6507.7								
2861	10.0	143611.0	-6505.4								
2862	8.8	143622.0	-6538.1								
2863	9.2	143625.0	-6522.9								
2864	7.8	143700.5	-6519.3								
2865	7.4	143701.5	-6539.0								
2866	9.9	143711.0	-6525.6								
2867	10.0	143713.5	-6542.6								
2868	7.2	143719.5	-6548.1								
2869	8.9	143732.0	-6545.9								
2870	10.0	143732.1	-6559.7								
2871	7.8	143739.0	-6512.7								
2872	9.4	143739.0	-6517.3								
2873	9.3	143739.0	-6531.0								
2874	7.7	143742.0	-6554.7								
2875	9.0	143746.5	-6522.2								
2876	9.4	143750.0	-6519.9								
2877	9.7	143758.0	-6556.2								
2878	9.8	143759.0	-6552.2								
2879	7.8	143759.2	-6559.9								
2880	9.6	143819.5	-6505.9								
2881	9.4	143822.8	-6502.7								
2882	9.9	143823.5	-6535.9								
2883	9.9	143827.5	-6525.6								
2884	9.8	143830.0	-6526.9								
2885	9.4	143837.5	-6548.7								
2886	9.4	143844.5	-6513.9								
2887	7.5	143901.5	-6509.4								
2888	9.3	143928.5	-6550.9								
2889	7.6	143933.5	-6511.5								
2890	9.2	143941.5	-6557.5								

-65 2901 14h41m

-65 3260 16h04m

2901	8.9	144102.0	-6540.8	2991	9.9	145855.0	-6559.0	3081	9.4	152031.8	-6502.5	3171	9.2	154421.5	-6546.8
2902	9.0	144114.2	-6557.8	2992	10.0	145855.5	-6525.5	3082	9.9	152058.0	-6505.1	3172	9.3	154428.5	-6518.2
2903	9.9	144143.5	-6546.4	2993	8.6	145909.5	-6501.6	3083	9.2	152121.0	-6528.0	3173	9.2	154434.0	-6513.0
2904	8.9	144146.5	-6507.6	2994	9.6	145926.5	-6550.6	3084	9.0	152132.5	-6542.5	3174	8.6	154437.5	-6509.7
2905	8.4	144154.0	-6516.4	2995	9.2	150002.8	-6542.4	3085	9.0	152153.5	-6555.0	3175	9.0	154511.5	-6508.9
2906	9.9	144201.0	-6550.1	2996	9.2	150033.5	-6545.7	3086	9.4	152159.0	-6530.2	3176	9.3	154522.0	-6531.0
2907	9.4	144219.5	-6533.9	2997	9.9	150059.8	-6507.3	3087	9.8	152159.0	-6504.8	3177	9.2	154522.0	-6532.4
2908	10.0	144250.0	-6540.8	2998	9.8	150150.3	-6543.3	3088	8.5	152213.5	-6544.6	3178	9.1	154600.0	-6505.2
2909	9.6	144309.5	-6509.6	2999	9.4	150214.0	-6509.1	3089	10.0	152247.5	-6546.1	3179	8.6	154628.5	-6522.7
2910	9.3	144319.0	-6503.1	3000	10.0	150216.5	-6552.5	3090	10.0	152255.0	-6527.8	3180	9.6	154637.5	-6529.0
2911	10.0	144319.0	-6528.1	3001	8.3	150217.5	-6529.6	3091	9.5	152308.0	-6551.9	3181	9.6	154638.2	-6558.0
2912	9.8	144327.5	-6520.8	3002	9.2	150219.8	-6513.9	3092	9.8	152310.0	-6521.3	3182	9.6	154706.0	-6525.3
2913	9.2	144335.5	-6550.4	3003	9.9	150228.8	-6552.2	3093	9.5	152323.0	-6556.0	3183	9.2	154706.5	-6512.4
2914	7.9	144338.0	-6554.0	3004	10.0	150233.5	-6535.1	3094	9.6	152325.5	-6501.9	3184	9.0	154716.0	-6534.0
2915	9.7	144354.0	-6541.2	3005	10.0	150305.5	-6545.0	3095	10.0	152340.0	-6510.2	3185	9.6	154725.5	-6526.2
2916	9.9	144357.5	-6545.9	3006	9.2	150351.7	-6545.2	3096	9.1	152351.0	-6533.0	3186	9.3	154726.5	-6506.9
2917	8.9	144407.5	-6516.9	3007	8.2	150357.0	-6541.1	3097	7.9	152403.0	-6549.6	3187	9.6	154730.5	-6541.4
2918	6.0	144408.5	-6528.4	3008	9.1	150419.5	-6533.1	3098	9.4	152431.5	-6552.3	3188	9.4	154759.5	-6534.9
2919	8.8	144424.5	-6541.6	3009	9.5	150500.5	-6507.9	3099	9.6	152500.5	-6529.1	3189	9.7	154815.5	-6539.2
2920	9.6	144434.0	-6523.4	3010	9.9	150529.5	-6532.6	3100	7.2	152504.5	-6511.3	3190	9.6	154819.5	-6536.7
2921	8.9	144448.5	-6535.4	3011	9.8	150534.0	-6548.7	3101	8.9	152510.5	-6554.8	3191	9.5	154850.5	-6554.8
2922	9.2	144504.0	-6514.8	3012	9.4	150603.0	-6557.5	3102	6.2	152519.0	-6553.5	3192	9.4	154859.5	-6539.9
2923	9.2	144540.5	-6502.8	3013	7.0	150613.0	-6537.5	3103	9.4	152542.5	-6525.7	3193	8.8	154916.5	-6532.0
2924	9.2	144602.0	-6503.8	3014	9.6	150616.0	-6531.9	3104	10.0	152549.0	-6536.0	3194	9.0	154926.5	-6517.7
2925	9.4	144612.0	-6513.7	3015	9.5	150648.0	-6526.2	3105	9.6	152621.0	-6507.9	3195	9.7	154947.5	-6522.4
2926	9.9	144614.5	-6521.6	3016	9.7	150648.5	-6518.1	3106	9.4	152639.5	-6550.1	3196	9.2	154950.5	-6517.0
2927	9.3	144730.5	-6518.8	3017	9.4	150650.0	-6518.6	3107	9.9	152644.5	-6528.1	3197	9.4	155006.5	-6530.2
2928	10.0	144736.5	-6518.7	3018	9.8	150701.0	-6526.1	3108	9.5	152645.5	-6524.1	3198	8.9	155017.0	-6522.0
2929	10.0	144745.0	-6532.3	3019	9.9	150706.5	-6503.2	3109	10.0	152650.5	-6548.8	3199	9.2	155024.0	-6508.1
2930	8.2	144749.0	-6517.3	3020	8.4	150709.7	-6559.9	3110	9.4	152713.5	-6502.7	3200	9.3	155030.0	-6500.7
2931	8.0	144804.0	-6548.4	3021	10.0	150713.0	-6545.9	3111	9.7	152715.0	-6536.2	3201	9.6	155048.5	-6526.9
2932	9.3	144812.0	-6511.9	3022	9.9	150718.0	-6548.1	3112	9.2	152728.0	-6534.9	3202	9.6	155107.5	-6552.8
2933	10.0	144814.0	-6555.9	3023	9.2	150719.5	-6554.7	3113	10.0	152731.5	-6534.3	3203	9.6	155117.5	-6507.0
2934	9.4	144830.0	-6504.0	3024	9.9	150721.5	-6547.8	3114	10.0	152750.0	-6509.2	3204	8.9	155129.5	-6517.9
2935	10.0	144832.5	-6544.3	3025	8.4	150730.0	-6508.4	3115	9.4	152756.0	-6550.1	3205	9.3	155139.0	-6524.3
2936	9.0	144843.5	-6538.1	3026	9.5	150746.0	-6533.7	3116	8.2	152844.0	-6514.9	3206	9.3	155215.0	-6557.6
2937	9.0	144913.5	-6509.1	3027	9.9	150801.5	-6553.4	3117	9.0	152953.5	-6523.2	3207	9.7	155219.5	-6544.3
2938	8.9	144928.5	-6528.8	3028	10.0	150817.5	-6539.0	3118	9.9	152959.5	-6509.1	3208	9.1	155223.0	-6519.0
2939	10.0	144934.5	-6514.4	3029	9.8	150826.5	-6544.2	3119	9.6	153035.5	-6535.8	3209	9.4	155242.0	-6556.2
2940	9.3	144952.0	-6553.7	3030	9.9	150844.5	-6550.9	3120	9.5	153108.0	-6503.7	3210	9.0	155251.0	-6510.7
2941	9.9	144955.5	-6503.8	3031	9.9	150949.0	-6527.3	3121	8.8	153109.5	-6536.8	3211	9.3	155310.0	-6543.5
2942	10.0	144959.5	-6532.0	3032	9.2	150953.0	-6550.9	3122	9.2	153116.5	-6531.0	3212	7.8	155311.5	-6530.4
2943	9.2	145002.0	-6546.3	3033	10.0	151003.5	-6524.4	3123	9.2	153129.5	-6549.3	3213	9.4	155342.0	-6548.4
2944	9.0	145003.5	-6536.5	3034	10.0	151033.5	-6515.0	3124	9.5	153146.0	-6531.7	3214	9.6	155345.5	-6536.8
2945	9.2	145016.5	-6544.3	3035	9.6	151042.2	-6558.9	3125	9.8	153200.5	-6545.8	3215	9.3	155350.0	-6508.1
2946	9.9	145018.5	-6516.0	3036	9.7	151111.5	-6504.2	3126	9.9	153200.5	-6546.2	3216	9.4	155351.0	-6510.7
2947	10.0	145019.0	-6518.0	3037	9.2	151116.5	-6537.7	3127	9.1	153218.5	-6533.2	3217	9.4	155352.0	-6545.2
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2949	9.2	145201.0	-6536.8	3039	9.9	151126.0	-6540.7	3129	9.5	153258.5	-6503.3	3219	9.3	155440.0	-6515.0
2950	9.8	145216.5	-6517.5	3040	9.9	151201.5	-6532.0	3130	9.2	153357.5	-6511.0	3220	9.2	155450.5	-6525.8
2951	8.7	145221.0	-6528.2	3041	9.2	151230.5	-6547.1	3131	8.6	153402.5	-6521.0	3221	9.2	155515.5	-6557.6
2952	9.4	145244.5	-6543.3	3042	8.9	151240.5	-6559.7	3132	9.5	153407.0	-6519.3	3222	8.5	155532.5	-6552.3
2953	9.2	145252.0	-6531.7	3043	8.8	151302.7	-6557.7	3133	8.6	153421.5	-6505.1	3223	9.6	155551.0	-6503.0
2954	9.6	145253.5	-6548.7	3044	9.7	151304.5	-6554.2	3134	9.9	153449.5	-6546.0	3224	9.0	155605.0	-6525.8
2955	8.8	145253.5	-6548.0	3045	9.5	151316.0	-6533.3	3135	9.8	153457.5	-6501.3	3225	9.0	155618.5	-6549.3
2956	8.3	145254.5	-6540.7	3046	9.5	151318.0	-6510.4	3136	9.7	153517.5	-6528.5	3226	9.7	155655.5	-6506.2
2957	9.3	145300.0	-6504.1	3047	9.6	151326.5	-6506.7	3137	10.0	153552.0	-6505.4	3227	9.6	155732.5	-6531.0
2958	9.4	145319.5	-6504.5	3048	8.6	151339.5	-6525.3	3138	9.4	153611.0	-6558.8	3228	9.6	155752.5	-6532.3
2959	9.3	145333.5	-6503.0	3049	9.4	151341.5	-6525.3	3139	6.3	153630.5	-6502.9	3229	9.2	155804.5	-6510.5
2960	9.6	145335.5	-6535.5	3050	9.5	151421.5	-6535.3	3140	9.8	153631.5	-6544.1	3230	8.8	155808.5	-6549.2
2961	8.7	145342.0	-6513.0	3051	9.2	151423.0	-6535.3	3141	8.6	153648.5	-6507.2	3231	8.5	155819.5	-6534.1
2962	9.4	145347.5	-6553.4	3052	9.2	151443.5	-6558.2	3142	10.0	153702.0	-6535.1	3232	9.3	155821.5	-6524.9
2963	8.8	145407.5	-6540.3	3053	9.0	151451.5	-6506.7	3143	9.2	153706.5	-6545.9	3233	9.0	155825.5	-6511.3
2964	9.8	145416.5	-6549.7	3054	9.2	151501.5	-6552.2	3144	9.9	153818.5	-6553.8	3234	9.7	155830.0	-6554.0
2965	8.6	145431.0	-6545.0	3055	9.2	151504.5	-6516.0	3145	9.7	153842.2	-6501.0	3235	9.1	155909.5	-6527.2
2966	10.0	145437.0	-6545.0	3056	10.0	151512.5	-6513.8	3146	9.6	153858.0	-6554.6	3236	9.1	155931.0	-6500.4
2967	8.3	145445.0	-6522.6	3057	8.8	151541.0	-6530.8	3147	9.3	153858.5	-6549.7	3237	9.1	155938.5	-6501.3
2968	9.6	145454.0	-6505.6	3058	9.7	151605.5	-6529.5	3148	9.7	153917.5	-6554.0	3238	9.7	155943.0	-6522.8
2969	9.6	145505.5	-6533.7	3059	6.9	151615.5	-6540.6	3149	9.4	153925.5	-6544.7	3239	9.0	155947.0	-6501.5
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2971	9.3	145532.5	-6521.7	3061	9.9	151631.5	-6527.3	3151	9.0	154001.7	-6540.1	3241	8.8	160038.5	-6502.1
2972	9.6	145534.0	-6501.2	3062	9.2	151640.5	-6559.0	3152	9.4	154011.5	-6556.3	3242	9.4	160103.0	-6544.3
2973	9.6	145551.5	-6554.8	3063	9.4	151642.0	-6505.3	3153	8.9	154024.7	-6539.9	3243	9.2	160130.5	-6522.9
2974	9.2	145607.0	-6529.4	3064	9.4	151719.5	-6547.1	3154	9.0	154050.5	-6546.0	3244	9.4	160148.0	-6525.1
2975	9.9	145609.7	-6559.0	3065	10.0	151722.5	-6538.5	3155	9.6	154052.5	-6510.3	3245	9.3	160150.5	-6525.1
2976	9.9	145628.0	-6529.6	3066	9.8	151747.0	-6507.9	3156	9.7	154138.5	-6526.9	3246	9.6	160154.5	-6503.3
2977	10.0	145633.0	-6529.6	3067	9.2	151800.5	-6556.9	3157	9.1	154143.2	-6559.5	3247	8.8	160156.5	-6544.1
2978	9.6	145640.0	-6507.6	3068	9.5	151802.0	-6503.5	3158	9.1	154144.5	-6508.5	3248	9.3	160205.0	-6535.7
2979	9.4	145709.5	-6509.7	3069	8.8	151805.5	-6527.0	3159	9.7	154150.0	-6548.8	3249	9.3	160209.0	-6509.5
2980	9.7	145720.3	-6501.6	3070	9.9	151840.5	-6513.8	3160	9.6	154156.0	-6520.8	3250	8.5	160212.5	-6549.0
2981	9.4	145721.5	-6503.5	3071	9.0	151912.5	-6503.8	3161	9.4	154202.5	-6523.7	3251	9.6	160215.5	-6544.0
2982	7.6	145734.5	-6559.5	3072	8.6	151920.5	-6557.2	3162	9.4	154222.0	-6546.3	3252	9.7	160226.5	-6542.7
2983	10.0	145749.0	-6527.6	3073	9.4	151924.5	-6541.4	3163	9.6	154235.5	-6517.2	3253	8.9	160246.0	-6548.3
2984	9.4	145806.0	-6542.7	3074	8.2	151941.5	-6509.8	3164	9.0	154250.7	-6501.0	3254	9.7	160333.0	-6539.1
2985	9.4	145817.0	-6521.7	3075	9.8	151951.5	-6539.1	3165	8.5	154312.0	-6531.5	3255	9.4	160344.0	-6514.9
2986	8.6	145820.4	-6559.2	3076	7.0	152002.5	-6530.4	3166	9.6	154312.0	-6549.0	3256	9.7	160344.5	-6505.9
2987	8.6	145821.5	-6504.7	3077	7.6	152007.0	-6506.5	3167	9.6	154318.0	-6541.0	3257	9.0	160405.0	-6554.4
2988	9.3	145834.8	-6559.1	3078	9.4	152012.0	-6553.0	3168	9.3	154328.5	-6515.3	3258	9.7	160406.5	-6538.0
2989	9.8	145851.0	-6550.4	3079	10.0	152015.5	-6557.0	3169	9.1	154338.5	-6553.3	3259	9.6	160427.5	-6549.5
2990	10.0	145853.3	-6530.0	3080	9.7	152029.0	-6549.9	3170	9.7	154412.5	-6526.2	3260	9.3	160438.8	-6558.5

-65 3261 16h04m

-65 3620 17h58m

3261	9.1	160444.5	-6545.1	3351	9.5	163143.5	-6523.7	3441	9.8	171206.0	-6555.2
3262	9.6	160515.5	-6504.2	3352	9.7	163252.0	-6535.0	3442	8.8	171228.5	-6504.1
3263	9.7	160534.5	-6515.3	3353	8.6	163254.5	-6537.9	3443	8.8	171318.0	-6532.2
3264	9.7	160602.0	-6518.1	3354	9.7	163329.0	-6540.4	3444	9.2	171341.0	-6547.3
3265	9.3	160641.5	-6507.1	3355	9.5	163330.0	-6529.0	3445	8.4	171349.5	-6510.8
3266	9.6	160653.0	-6543.5	3356	9.0	163332.0	-6557.4	3446	9.8	171441.5	-6547.6
3267	9.4	160654.5	-6500.2	3357	9.2	163332.0	-6539.0	3447	9.6	171549.0	-6541.0
3268	9.2	160655.0	-6517.1	3358	8.6	163337.5	-6516.0	3448	9.8	171641.0	-6502.3
3269	9.6	160712.5	-6549.8	3359	8.9	163513.0	-6550.1	3449	8.8	171658.0	-6550.7
3270	9.2	160754.5	-6539.3	3360	9.7	163643.5	-6503.0	3450	9.9	171659.5	-6511.1
3271	9.7	160757.5	-6514.1	3361	9.7	163744.5	-6555.6	3451	9.5	171822.0	-6528.9
3272	9.1	160806.5	-6533.9	3362	9.2	163834.5	-6516.0	3452	8.5	171918.0	-6548.7
3273	9.2	160807.5	-6558.0	3363	9.0	163840.0	-6546.0	3453	9.5	171919.2	-6500.8
3274	9.4	160820.5	-6529.5	3364	9.0	163939.0	-6507.4	3454	9.3	172015.0	-6523.2
3275	9.2	160825.5	-6505.6	3365	7.2	163945.5	-6509.2	3455	9.9	172019.5	-6535.7
3276	9.1	160828.0	-6510.7	3366	9.5	164020.0	-6521.0	3456	9.8	172110.5	-6541.4
3277	8.4	160831.0	-6524.1	3367	9.3	164115.0	-6531.8	3457	9.4	172124.0	-6555.8
3278	9.1	160843.5	-6509.4	3368	9.5	164142.0	-6519.0	3458	8.2	172135.0	-6554.7
3279	9.6	160858.0	-6509.1	3369	9.7	164150.5	-6532.9	3459	9.9	172141.0	-6509.0
3280	9.4	160906.0	-6521.4	3370	8.8	164222.0	-6519.6	3460	9.2	172155.0	-6548.1
3281	9.3	160906.5	-6522.4	3371	9.2	164249.5	-6520.4	3461	9.9	172156.0	-6541.2
3282	9.7	160916.0	-6515.9	3372	8.2	164401.5	-6506.0	3462	9.0	172219.5	-6533.4
3283	9.0	160920.7	-6559.9	3373	8.9	164404.5	-6501.7	3463	8.9	172321.5	-6547.2
3284	9.0	160922.5	-6533.3	3374	8.1	164411.5	-6554.0	3464	9.5	172336.5	-6526.1
3285	9.3	160942.5	-6501.1	3375	8.2	164507.0	-6533.4	3465	7.4	172342.0	-6554.3
3286	9.3	160947.5	-6524.8	3376	9.7	164545.5	-6513.0	3466	9.0	172422.0	-6530.4
3287	9.2	160958.5	-6511.1	3377	7.5	164606.5	-6500.0	3467	8.8	172452.0	-6533.6
3288	9.3	161011.0	-6528.1	3378	9.2	164641.0	-6558.2	3468	8.4	172522.0	-6546.5
3289	9.3	161014.0	-6516.0	3379	9.5	164710.5	-6516.3	3469	9.6	172607.5	-6546.0
3290	8.8	161056.0	-6541.1	3380	9.3	164726.5	-6551.2	3470	9.6	172623.0	-6533.5
3291	9.7	161118.0	-6505.1	3381	9.7	164738.5	-6545.0	3471	9.8	172748.5	-6548.0
3292	9.6	161138.5	-6530.1	3382	9.6	164751.5	-6505.3	3472	8.5	172804.0	-6546.9
3293	9.0	161151.0	-6552.5	3383	9.6	164752.0	-6525.0	3473	9.6	172810.5	-6520.1
3294	9.7	161215.5	-6546.0	3384	9.2	164819.5	-6559.1	3474	8.7	172844.5	-6500.1
3295	8.5	161240.0	-6525.4	3385	9.2	164843.5	-6534.8	3475	8.6	172847.0	-6514.9
3296	9.3	161327.5	-6522.3	3386	9.5	164852.5	-6504.0	3476	9.6	172851.0	-6508.0
3297	9.3	161425.5	-6508.1	3387	8.5	164916.0	-6509.0	3477	9.9	172856.5	-6513.1
3298	9.4	161443.5	-6514.2	3388	9.7	165032.0	-6544.2	3478	8.7	172903.0	-6527.1
3299	9.6	161449.5	-6516.1	3389	8.2	165205.5	-6527.8	3479	9.9	172921.0	-6519.5
3300	9.4	161459.5	-6505.1	3390	9.5	165225.5	-6546.4	3480	9.3	172926.0	-6536.5
3301	9.6	161506.0	-6511.9	3391	9.7	165325.5	-6508.6	3481	9.3	172933.5	-6512.3
3302	8.5	161506.0	-6530.2	3392	9.7	165354.0	-6552.2	3482	9.0	173058.5	-6509.7
3303	9.7	161542.5	-6537.3	3393	9.5	165455.5	-6513.6	3483	9.9	173119.5	-6507.3
3304	8.6	161548.0	-6527.1	3394	7.6	165505.5	-6534.0	3484	9.6	173221.0	-6535.2
3305	9.2	161549.0	-6555.9	3395	9.3	165613.5	-6546.7	3485	9.6	173444.0	-6500.3
3306	9.7	161601.0	-6521.7	3396	9.7	165616.5	-6504.0	3486	9.2	173516.0	-6547.2
3307	9.7	161631.5	-6501.9	3397	8.9	165634.5	-6542.6	3487	7.3	173544.8	-6530.8
3308	9.3	161637.5	-6525.7	3398	8.7	165702.5	-6508.9	3488	9.6	173748.0	-6545.2
3309	9.2	161657.5	-6516.8	3399	9.7	165711.5	-6533.8	3489	9.8	173756.0	-6541.4
3310	9.3	161750.8	-6554.1	3400	9.9	165715.0	-6518.1	3490	9.2	173803.0	-6518.0
3311	8.0	161801.5	-6546.1	3401	9.5	165721.5	-6515.9	3491	9.9	173841.0	-6531.4
3312	9.7	161815.8	-6505.3	3402	9.0	165751.0	-6535.5	3492	9.9	173844.4	-6558.1
3313	8.5	161837.0	-6538.3	3403	9.6	165812.0	-6501.9	3493	10.2	173857.1	-6524.6
3314	9.7	161842.5	-6536.6	3404	9.9	165831.7	-6556.3	3494	9.5	173857.6	-6538.5
3315	9.5	161843.8	-6544.7	3405	9.2	165837.8	-6551.3	3495	9.9	173904.6	-6535.7
3316	9.0	161859.8	-6519.3	3406	9.2	165929.8	-6520.1	3496	10.3	173923.9	-6501.5
3317	9.5	161911.5	-6521.6	3407	9.6	165941.0	-6517.3	3497	9.9	173924.6	-6530.3
3318	9.0	162015.7	-6535.0	3408	8.4	170125.2	-6531.7	3498	9.6	174003.1	-6510.5
3319	9.0	162103.5	-6540.2	3409	8.4	170139.5	-6548.1	3499	9.2	174004.1	-6536.9
3320	8.8	162122.0	-6506.6	3410	9.3	170147.3	-6557.3	3500	10.3	174007.1	-6528.3
3321	9.7	162146.0	-6554.0	3411	9.6	170231.0	-6558.4	3501	10.3	174011.1	-6515.2
3322	9.7	162213.5	-6525.6	3412	9.9	170237.5	-6509.4	3502	9.9	174017.1	-6512.5
3323	9.7	162223.0	-6514.0	3413	9.9	170258.0	-6551.1	3503	9.4	174026.3	-6558.1
3324	7.4	162233.0	-6544.7	3414	9.0	170301.8	-6537.0	3504	9.0	174043.5	-6559.7
3325	8.9	162240.5	-6558.4	3415	9.5	170331.5	-6535.9	3505	10.3	174045.6	-6546.4
3326	9.6	162242.5	-6523.0	3416	9.8	170340.5	-6538.1	3506	9.7	174046.6	-6521.9
3327	8.4	162243.0	-6536.3	3417	9.2	170354.5	-6536.0	3507	7.8	174049.5	-6526.8
3328	9.0	162249.5	-6541.1	3418	9.4	170411.0	-6528.2	3508	10.3	174058.1	-6546.7
3329	9.2	162306.0	-6526.0	3419	9.6	170415.5	-6504.6	3509	10.3	174120.1	-6523.8
3330	9.2	162325.0	-6536.6	3420	9.4	170444.5	-6551.0	3510	9.7	174129.6	-6519.5
3331	7.0	162343.5	-6513.6	3421	9.5	170507.5	-6531.4	3511	8.8	174137.8	-6551.0
3332	9.7	162411.0	-6508.0	3422	9.0	170521.0	-6545.0	3512	10.3	174149.6	-6526.2
3333	9.0	162418.5	-6533.6	3423	9.9	170541.5	-6524.4	3513	10.0	174205.1	-6534.7
3334	9.5	162450.5	-6535.6	3424	9.3	170559.0	-6504.8	3514	10.2	174206.1	-6507.2
3335	8.2	162451.5	-6519.4	3425	9.2	170612.0	-6527.2	3515	9.4	174225.6	-6524.9
3336	9.7	162500.5	-6516.8	3426	9.6	170732.5	-6543.5	3516	8.8	174226.8	-6510.5
3337	9.0	162508.5	-6534.1	3427	9.6	170738.0	-6553.8	3517	10.2	174228.1	-6513.0
3338	9.2	162530.7	-6502.5	3428	9.8	170740.5	-6529.1	3518	9.2	174231.1	-6520.5
3339	9.6	162602.5	-6515.7	3429	9.4	170753.5	-6500.1	3519	9.1	174237.3	-6502.9
3340	9.5	162604.0	-6501.3	3430	9.9	170758.5	-6523.1	3520	9.9	174238.1	-6535.8
3341	8.9	162623.0	-6523.6	3431	9.9	170805.5	-6556.0	3521	10.2	174240.1	-6555.6
3342	8.5	162631.5	-6505.9	3432	9.2	170805.5	-6552.9	3522	9.0	174251.3	-6554.7
3343	9.7	162715.5	-6518.2	3433	9.3	170826.0	-6523.5	3523	9.7	174251.6	-6546.0
3344	8.6	162729.5	-6538.9	3434	9.2	170844.0	-6506.4	3524	10.3	174300.1	-6533.4
3345	9.0	162819.0	-6539.9	3435	8.9	171007.5	-6511.1	3525	9.9	174305.1	-6522.1
3346	8.5	162840.5	-6540.2	3436	8.4	171042.5	-6548.9	3526	10.2	174313.1	-6531.7
3347	8.1	162846.0	-6511.4	3437	9.4	171110.0	-6522.9	3527	10.0	174333.1	-6534.2
3348	9.5	162914.5	-6556.0	3438	7.1	171131.0	-6534.4	3528	6.9	174349.8	-6540.8
3349	8.9	163030.0	-6509.9	3439	9.9	171139.5	-6522.8	3529	9.0	174358.6	-6515.0
3350	9.5	163055.5	-6539.0	3440	9.2	171159.5	-6520.2	3530	10.3	174432.6	-6529.2
3531	10.3	174434.1	-6530.3								
3532	8.2	174442.1	-6505.1								
3533	9.9	174444.6	-6543.7								
3534	9.0	174446.1	-6551.8								
3535	10.3	174447.1	-6500.4								
3536	10.3	174450.1	-6500.8								
3537	10.2	174507.5	-6557.0								
3538	9.9	174510.1	-6531.3								
3539	9.5	174522.8	-6557.5								
3540	9.6	174541.6	-6513.4								
3541	10.3	174542.1	-6543.1								
3542	9.4	174609.1	-6505.8								
3543	9.9	174617.1	-6509.9								
3544	9.5	174627.1	-6509.3								
3545	9.9	174631.6	-6515.3								
3546	9.9	174632.6	-6534.8								
3547	10.0	174633.6	-6542.9								
3548	10.2	174644.1	-6553.5								
3549	10.2	174657.6	-6548.0								
3550	9.8	174659.6	-6532.9								
3551	9.7	174701.4	-6501.5								
3552	10.0	174707.6	-6505.0								
3553	10.0	174713.1	-6513.3								
3554	9.5	174732.8	-6556.9								
3555	10.2	174733.1	-6539.9								
3556	10.3	174745.1	-6523.3								
3557	10.3	174750.6	-6519.7								
3558	9.4	174757.6	-6545.6								
3559	10.2	174758.1	-6533.1								
3560	10.2	174800.1	-6535.7								
3561	9.5	174807.6	-6517.7								
3562	10.2	174812.6	-6525.0								
3563	10.3	174814.6	-6529.3								
3564	9.1	174845.1	-6504.6								
3565	9.6	174914.1	-6539.3								
3566	9.2	174915.1	-6520.2								
3567	9.0	174929.3	-6559.7								
3568	9.5	174938.1	-6506.3								
3569	10.0	174939.6	-6513.4								
3570	10.2	175023.6	-6504.8								
3571	9.9	175033.4	-6502.0								
3572	10.3	175057.1	-6512.9								
3573	7.8	175059.1	-6505.1								
3574	10.2	175102.1	-6524.3								
3575	10.2	175123.3	-6556.5								
3576	9.9	175146.8	-6508.2								
3577	9.0	175149.8	-6546.7								
3578	10.2	175218.8	-6509.0								
3579	9.0	175225.3	-6529.5								
3580	9.9	175226.3	-6517.0								
3581	9.4	175246.8	-6500.9								
3582	9.2	175255.3	-6529.0								
3583	10.3	175300.3	-6532.2								
3584	9.7	175310.8	-6505.1								
3585	9.0	175310.8	-6509.8								
3586	10.2	175311.3	-6522.9								
3587	9.2	175316.3	-6508.3								
3588	9.4	175318.2	-6502.0								
3589	9.5	175328.3	-6546.6								
3590	10.0	175331.3	-6507.7								
3591	10.3	175352.3	-6533.9								
3592	9.9	175402.8	-6501.3								
3593	10.3	175414.8	-6539.1								
3594	9.0	175429.8	-6558.2								
3595	10.3	175437.8	-6516.2								
3596	10.3	175443.3	-6516.5								
3597	8.4	175454.8	-6531.2								
3598	9.7	175456.3	-6505.0								
3599	10.3	175513.3	-6556.2								
3600	10.2	175519.8	-6541.4								
3601	10.3	175548.3	-6529.8								
3602	10.0	175554.3	-6542.5								
3603	8.9	175601.3	-6518.8								
3604	10.0	175630.3	-6535.6								
3605	9.8	175637.8	-6558.2								
3606	10.3	175650.3	-6519.7								
3607	10.3	175704.3	-6513.3								
3608	9.6	175721.3	-6534.5								
3609	9.1	175726.3	-6540.0								
3610	10.2	175742.8	-6537.0								
3611	8.8	175750.3	-6543.6								
3612	8.9	175755.3	-6507.3								
3613	10.3	175803.3	-6510.1								
3614	9.8	175806.3	-6542.9								
3615	9.0	175810.5	-6514.0								
3616	9.1	175814.5	-6544.8								
3617	9.8	175820.1	-6557.9								
3618	10.3	175821.5	-6535.3								
3619	9.6	175829.5	-6539.9								
3620	10.2	175839.0	-6532.6								

ORIGINAL PAGE IS
OF POOR QUALITY

-65 3621 17h58m

-65 3980 21h49m

3621	10.2	175840.5	-6520.9	3711	8.7	181650.5	-6520.6	3801	9.2	191719.5	-6506.2
3622	9.9	175850.0	-6539.2	3712	9.8	181659.5	-6506.7	3802	8.7	191733.5	-6508.0
3623	10.3	175856.0	-6553.0	3713	9.5	181708.0	-6533.2	3803	9.5	191954.0	-6536.1
3624	9.2	175919.0	-6550.6	3714	10.3	181711.0	-6533.5	3804	9.5	192034.0	-6557.0
3625	9.4	180003.0	-6511.3	3715	10.0	181716.0	-6549.9	3805	8.7	192114.0	-6535.4
3626	10.0	180040.0	-6544.3	3716	10.3	181720.0	-6557.9	3806	8.1	192241.5	-6517.6
3627	8.5	180043.5	-6544.4	3717	10.3	181742.5	-6547.9	3807	9.4	192247.0	-6538.7
3628	10.2	180047.5	-6521.1	3718	9.5	181745.5	-6515.2	3808	9.5	192345.5	-6536.2
3629	9.0	180051.5	-6514.1	3719	9.4	181746.0	-6543.3	3809	9.1	192349.5	-6556.3
3630	9.9	180108.0	-6546.2	3720	9.9	181751.5	-6545.3	3810	9.2	192601.0	-6533.9
3631	10.3	180110.0	-6540.0	3721	10.2	181755.0	-6511.1	3811	9.5	192854.0	-6531.0
3632	10.2	180111.2	-6502.0	3722	10.3	181810.0	-6535.5	3812	8.5	192931.0	-6510.2
3633	9.9	180113.0	-6543.1	3723	10.2	181831.5	-6529.0	3813	9.4	192950.0	-6534.6
3634	9.7	180138.0	-6511.5	3724	10.0	181843.5	-6547.9	3814	9.5	192958.5	-6507.6
3635	10.3	180142.5	-6542.8	3725	9.5	181933.5	-6513.1	3815	9.5	193003.5	-6533.6
3636	9.0	180144.5	-6505.0	3726	9.6	181938.0	-6528.4	3816	9.2	193007.0	-6553.0
3637	8.9	180146.5	-6551.7	3727	10.3	181941.5	-6556.7	3817	9.5	193045.0	-6554.4
3638	9.1	180150.0	-6510.8	3728	9.4	182006.3	-6552.3	3818	8.9	193304.5	-6545.6
3639	9.2	180154.5	-6507.7	3729	9.7	182024.5	-6551.3	3819	8.9	193339.5	-6519.1
3640	7.9	180208.0	-6513.3	3730	10.3	182026.5	-6507.9	3820	9.5	193351.0	-6545.2
3641	9.7	180248.5	-6538.9	3731	7.3	182028.0	-6520.5	3821	8.5	193508.5	-6534.3
3642	10.2	180258.5	-6520.6	3732	9.7	182043.8	-6547.6	3822	9.5	193528.5	-6552.6
3643	10.3	180320.0	-6527.6	3733	10.3	182048.0	-6546.7	3823	8.4	193740.0	-6557.0
3644	9.2	180326.9	-6557.2	3734	9.7	182100.1	-6517.9	3824	8.9	193752.5	-6510.9
3645	9.6	180335.0	-6536.2	3735	10.2	182100.5	-6533.0	3825	7.9	193801.8	-6512.9
3646	10.0	180339.0	-6545.8	3736	10.2	182108.0	-6529.7	3826	9.5	193853.5	-6556.3
3647	9.9	180348.0	-6550.9	3737	9.7	182144.0	-6513.4	3827	6.9	193902.3	-6554.5
3648	9.1	180349.0	-6524.5	3738	10.0	182144.5	-6558.6	3828	9.5	193928.2	-6514.9
3649	10.3	180410.5	-6515.7	3739	8.8	182229.5	-6519.7	3829	9.9	193941.0	-6537.9
3650	9.0	180419.0	-6544.9	3740	8.9	182343.0	-6537.2	3830	9.0	194230.0	-6536.4
3651	10.0	180510.0	-6553.1	3741	9.0	182405.5	-6535.9	3831	8.9	194322.0	-6524.3
3652	10.2	180520.5	-6553.2	3742	9.3	182420.5	-6551.5	3832	9.2	194438.5	-6541.3
3653	9.4	180531.5	-6539.6	3743	8.8	182539.5	-6508.1	3833	8.9	194450.0	-6551.3
3654	10.0	180610.0	-6531.0	3744	9.1	182554.0	-6521.4	3834	8.2	194626.5	-6532.4
3655	9.4	180611.0	-6508.3	3745	9.3	182641.5	-6529.4	3835	9.6	194803.0	-6520.4
3656	10.2	180656.0	-6530.9	3746	8.1	182713.0	-6559.5	3836	6.8	194920.5	-6508.1
3657	10.3	180702.0	-6550.0	3747	9.3	182808.0	-6500.3	3837	7.9	195136.5	-6537.8
3658	9.4	180713.0	-6525.0	3748	9.6	183119.0	-6528.9	3838	9.9	195249.5	-6553.9
3659	9.4	180715.5	-6523.7	3749	9.6	183127.0	-6558.1	3839	8.6	195308.0	-6542.0
3660	9.0	180719.0	-6527.8	3750	9.6	183225.5	-6534.8	3840	8.6	195454.5	-6511.2
3661	9.9	180727.0	-6514.2	3751	9.0	183245.0	-6513.3	3841	8.9	195524.0	-6535.0
3662	10.2	180803.0	-6516.6	3752	8.3	183430.0	-6522.2	3842	9.8	195903.5	-6525.5
3663	10.3	180828.0	-6521.5	3753	9.0	183616.5	-6514.0	3843	9.5	200220.5	-6538.1
3664	9.0	180839.5	-6524.9	3754	5.9	183620.0	-6512.2	3844	9.6	200220.5	-6505.6
3665	10.3	180848.5	-6534.1	3755	9.6	183758.5	-6535.8	3845	8.6	200237.5	-6522.3
3666	9.9	180900.0	-6549.7	3756	9.3	183806.0	-6506.1	3846	7.9	200353.0	-6511.5
3667	9.5	180905.5	-6527.4	3757	9.1	183838.5	-6502.1	3847	9.2	200800.0	-6523.3
3668	9.4	180914.0	-6528.2	3758	9.1	183841.0	-6516.0	3848	9.8	201121.5	-6538.9
3669	9.9	180936.0	-6540.0	3759	9.6	183855.5	-6555.9	3849	9.5	201241.0	-6558.6
3670	10.0	180941.5	-6524.8	3760	8.6	184112.0	-6502.3	3850	9.3	201353.5	-6556.6
3671	9.4	181008.0	-6528.2	3761	8.1	184418.0	-6537.6	3851	9.5	201612.5	-6544.1
3672	10.0	181010.5	-6517.1	3762	7.7	184953.5	-6503.7	3852	9.0	201739.3	-6558.7
3673	10.0	181035.5	-6514.1	3763	7.7	185029.5	-6505.3	3853	9.2	202405.7	-6544.2
3674	9.2	181051.5	-6543.5	3764	9.6	185406.5	-6529.3	3854	9.6	202454.5	-6504.5
3675	10.2	181051.5	-6551.2	3765	8.7	185543.0	-6506.7	3855	6.8	202600.0	-6527.6
3676	9.1	181054.0	-6556.5	3766	9.3	185549.0	-6524.3	3856	9.0	202626.5	-6503.8
3677	10.0	181058.0	-6507.2	3767	9.3	185551.3	-6501.0	3857	9.3	202841.0	-6502.2
3678	10.2	181117.0	-6530.0	3768	9.4	185608.5	-6510.5	3858	8.6	202841.0	-6502.5
3679	10.3	181124.5	-6502.0	3769	8.7	185610.5	-6520.7	3859	9.6	202848.0	-6528.2
3680	10.3	181131.5	-6502.9	3770	7.7	185637.8	-6543.1	3860	8.9	202908.5	-6530.3
3681	10.3	181136.0	-6512.1	3771	9.5	185704.0	-6540.5	3861	8.9	203029.5	-6521.5
3682	10.3	181150.5	-6517.2	3772	9.5	185728.0	-6540.5	3862	9.0	203108.5	-6511.0
3683	10.3	181158.0	-6537.5	3773	8.9	185823.7	-6521.4	3863	9.2	203109.5	-6552.2
3684	8.7	181212.0	-6528.4	3774	7.9	185839.8	-6511.1	3864	9.4	203347.0	-6527.3
3685	9.6	181213.5	-6514.4	3775	9.5	185915.0	-6553.7	3865	8.0	203546.0	-6521.3
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3689	9.1	181331.0	-6554.5	3779	9.5	190055.0	-6526.0	3869	8.4	204130.0	-6513.9
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3691	10.3	181359.5	-6512.1	3781	8.5	190401.1	-6502.0	3871	8.8	204218.0	-6551.8
3692	10.2	181407.5	-6548.9	3782	8.9	190412.5	-6540.8	3872	9.0	204322.0	-6539.9
3693	9.7	181414.0	-6509.2	3783	7.0	190450.5	-6526.3	3873	8.5	204453.5	-6538.7
3694	10.2	1814 4.0	-6543.5	3784	9.2	190613.0	-6552.0	3874	8.3	204502.0	-6554.2
3695	10.0	1814 6.0	-6545.3	3785	9.5	190618.0	-6508.1	3875	8.4	204635.0	-6524.7
3696	9.7	181425.5	-6522.3	3786	9.5	190712.0	-6550.1	3876	9.4	204638.0	-6515.0
3697	10.3	181427.5	-6559.1	3787	9.5	190830.0	-6549.8	3877	9.6	204737.5	-6508.2
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3699	9.6	181436.5	-6523.9	3789	8.8	191053.5	-6525.2	3879	9.6	205135.0	-6535.5
3700	10.0	181437.0	-6502.1	3790	7.1	191110.0	-6546.4	3880	9.6	205535.5	-6559.7
3701	10.3	181440.0	-6506.4	3791	8.8	191140.5	-6538.8	3881	9.4	205755.5	-6528.3
3702	9.9	181447.5	-6549.3	3792	8.9	191146.5	-6552.8	3882	10.4	205810.5	-6507.8
3703	9.1	181458.0	-6557.7	3793	9.5	191228.0	-6510.1	3883	10.4	205816.0	-6503.1
3704	10.2	181513.5	-6541.5	3794	8.4	191242.0	-6558.0	3884	9.2	205904.2	-6535.4
3705	10.2	181543.5	-6513.7	3795	8.9	191401.0	-6557.9	3885	9.2	205916.4	-6501.0
3706	9.9	181549.5	-6526.6	3796	7.5	191415.5	-6526.1	3886	10.2	205923.5	-6549.4
3707	9.7	181558.0	-6537.5	3797	8.5	191453.5	-6535.1	3887	9.8	205928.5	-6517.3
3708	10.3	181601.5	-6540.1	3798	8.5	191456.0	-6555.1	3888	10.4	205933.5	-6507.5
3709	9.4	181613.5	-6512.1	3799	8.7	191526.5	-6509.8	3889	10.4	210042.5	-6526.1
3710	7.8	181638.0	-6515.3	3800	8.7	191636.5	-6556.4	3890	10.4	210046.0	-6501.5
3891	9.8	210053.5	-6501.0								
3892	10.4	210218.0	-6525.5								
3893	9.6	210238.0	-6531.1								
3894	10.4	210350.5	-6529.1								
3895	9.4	210357.2	-6502.0								
3896	9.6	210425.5	-6506.8								
3897	10.4	210611.0	-6546.3								
3898	10.4	210617.5	-6535.8								
3899	10.4	210650.5	-6532.1								
3900	5.8	210738.0	-6512.0								
3901	9.2	210753.0	-6510.2								
3902	9.0	210806.5	-6539.6								
3903	9.2	210826.5	-6509.4								
3904	10.4	210842.0	-6523.1								
3905	10.2	211023.0	-6506.7								
3906	10.4	211043.0	-6537.2								
3907	9.9	211108.0	-6543.1								
3908	10.4	211146.5	-6533.0								
3909	9.3	211156.0	-6516.4								
3910	9.0	211159.0	-6519.5								
3911	9.6	211226.5	-6522.5								
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3913	10.4	211314.0	-6517.2								
3914	9.2	211352.0	-6519.8								
3915	10.2	211500.5	-6526.7								
3916	9.2	211502.5	-6548.3								
3917	10.4	211602.5	-6517.9								
3918	4.1	211604.0	-6555.7								
3919	9.2	211623.0	-6520.3								
3920	10.4	211726.5	-6548.5								
3921	10.4	211807.5	-6553.2								
3922	10.2	211906.5	-6523.8								
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3924	9.8	212029.3	-6501.1								
3925	10.4	212030.5	-6528.6								
3926	9.0	212202.0	-6551.2								
3927	9.3	212336.0	-6514.8								
3928	9.6	212509.0	-6521.0								
3929	10.2	212547.0	-6520.5								
3930	10.2	212557.5	-6527.4								
3931	9.2	212620.5	-6542.4								
3932	10.4	212626.5	-6556.9								
3933	9.0	212712.0	-6535.5								
3934	9.0	212718.0	-6552.2								
3935	10.4	212749.5	-6517.2								
3936	9.9	212801.0	-6544.6								
3937	5.9	212801.5	-6522.8								
3938	9.4	213041.0	-6525.1								
3939	10.4	213120.5	-6523.3								
3940	9.9	213146.0	-6518.5								
3941	10.2	213229.0	-6553.2								
3942	10.4	213231.5	-6536.2								
3943	10.4	213339.0	-6556.1								
3944	10.4	213402.0	-6530.4								
3945	9.4	213504.0	-6520.2								
3946	9.4	213545.0	-6552.5								
3947	9.6	213748.9	-6536.6								
3948	10.2	213750.0	-6520.2								
3949	9.0	213751.5	-6538.1								
3950	10.0	213916.7	-6532.1								
3951	7.0	214017.2	-6517.4								
3952	10.2	214042.4	-6557.6								
3953	9.6	214120.4	-6533.5								
3954	10.0	214125.2	-6536.3								
3955	10.2	214154.3	-6523.6								
3956	8.6	214210.7	-6538.4								
3957	9.8	214236.9	-6516.9								
3958	10.0	214306.4	-6553.9								
3959	8.8	214347.7	-6518.1								
3960	10.2	214404.4	-6516.3								
3961	9.8	214406.1	-6541.4								
3962	9.8	214428.3	-6524.3								
3963	9.6	214437.3	-6526.8								
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3965	10.2	214454.7	-6534.8								
3966	9.8	214525.4	-6517.0								
3967	10.0	214529.1	-6503.1								
3968	10.0	214611.6	-6507.7								
3969	10.2	214614.3	-6504.3								
3970	10.2	214649.4	-6550.1								
3971	9.6	214703.9	-6510.9								
3972	10.1	214710.1	-6547.4								
3973	9.4	214719.9	-6510.8								
3974	10.2	214720.9	-6555.4								
3975	9.4	214816.8	-6520.8								
3976	8.4	214819.9	-6511.4								
3977	10.0	214824.8	-6528.2								
3978	9.1	214825.9	-6552.7								
3979	10.2	214917.9	-6511.7								
3980	9.8	214918.1	-6541.7								

ORIGINAL PAGE IS
OF POOR QUALITY

-65 3981 21h50m

-66 141 2h25m

3981	8.6	215010.4	-6512.1	4071	9.7	222832.0	-6513.9	4161	8.8	233730.5	-6522.1	52	10.4	03913.9	-6607.7
3982	9.1	215123.7	-6533.4	4072	10.0	222855.7	-6501.5	4162	9.8	233733.5	-6508.3	53	7.2	03920.4	-6618.7
3983	9.1	215145.3	-6500.8	4073	9.4	222903.0	-6512.5	4163	10.1	233845.5	-6542.8	54	10.6	03924.9	-6637.6
3984	10.0	215207.3	-6558.8	4074	9.0	222937.0	-6516.9	4164	9.0	233908.8	-6514.1	55	10.9	04123.4	-6627.5
3985	7.6	215234.4	-6550.1	4075	9.4	223201.0	-6503.1	4165	9.0	233927.5	-6520.5	56	9.8	04309.9	-6657.6
3986	10.0	215254.7	-6530.3	4076	9.7	223227.0	-6516.0	4166	8.0	233941.3	-6516.1	57	8.8	04330.4	-6615.1
3987	10.1	215329.4	-6559.1	4077	9.4	223347.5	-6556.5	4167	8.8	233946.3	-6500.4	58	10.9	04339.9	-6645.7
3988	10.1	215445.1	-6507.4	4078	9.5	223353.5	-6514.0	4168	10.4	233957.5	-6536.9	59	10.2	04409.9	-6631.7
3989	7.6	215514.9	-6519.7	4079	10.0	223355.0	-6518.9	4169	9.6	233958.7	-6529.9	60	10.0	04414.9	-6621.1
3990	9.8	215604.6	-6547.8	4080	9.4	223413.0	-6515.0	4170	9.1	234012.0	-6530.5	61	10.8	04432.9	-6643.3
3991	10.2	215643.3	-6521.9	4081	10.0	223428.5	-6520.3	4171	9.8	234019.5	-6537.0	62	10.6	04504.9	-6634.3
3992	10.2	215644.3	-6523.2	4082	8.2	223458.0	-6527.8	4172	10.2	234022.5	-6534.9	63	9.4	04519.9	-6653.1
3993	9.0	215711.6	-6541.2	4083	9.2	223509.0	-6530.5	4173	7.5	234050.5	-6556.2	64	9.2	04634.3	-6601.4
3994	10.2	215740.1	-6545.8	4084	8.2	223512.5	-6518.0	4174	8.8	234157.5	-6525.5	65	9.4	04654.1	-6601.0
3995	9.1	215745.2	-6535.0	4085	10.0	223512.5	-6537.1	4175	8.0	234503.0	-6529.9	66	8.4	04851.9	-6632.7
3996	8.2	215823.1	-6542.6	4086	10.0	223736.0	-6538.5	4176	9.8	234536.5	-6530.8	67	9.5	04901.4	-6647.7
3997	10.2	215837.6	-6543.8	4087	8.7	224029.0	-6507.0	4177	9.4	234615.5	-6511.1	68	9.8	04927.4	-6639.2
3998	10.0	215856.8	-6524.4	4088	10.0	224120.0	-6558.1	4178	9.1	234619.5	-6549.4	69	8.0	04939.9	-6608.3
3999	10.0	220006.7	-6530.9	4089	8.2	224346.5	-6509.6	4179	9.8	234753.0	-6507.6	70	10.5	05030.6	-6659.7
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4001	9.4	220106.1	-6503.0	4091	9.4	224435.5	-6506.0	4181	9.8	234939.2	-6528.3	72	9.0	05225.6	-6658.2
4002	9.6	220138.6	-6500.7	4092	9.4	224450.0	-6547.2	4182	9.8	234946.2	-6523.6	73	10.0	05229.9	-6648.5
4003	9.6	220248.3	-6523.4	4093	10.0	224514.0	-6512.0	4183	9.6	234948.7	-6522.1	74	9.0	05258.0	-6626.8
4004	10.2	220301.4	-6510.5	4094	8.4	224602.0	-6544.3	4184	10.1	235020.7	-6523.8	75	10.4	05339.9	-6632.4
4005	10.2	220314.0	-6536.7	4095	8.4	224641.5	-6559.8	4185	9.8	235112.2	-6512.4	76	10.8	05433.9	-6623.6
4006	8.6	220315.9	-6512.5	4096	8.6	224731.7	-6502.5	4186	9.8	235255.2	-6537.3	77	10.6	05510.4	-6638.6
4007	9.1	220331.1	-6500.3	4097	9.2	224757.0	-6510.1	4187	10.6	235308.2	-6544.6	78	10.0	05700.7	-6640.7
4008	9.7	220341.1	-6504.7	4098	10.0	224922.0	-6534.1	4188	9.1	235321.2	-6504.4	79	8.8	05706.9	-6619.5
4009	10.2	220441.3	-6526.3	4099	9.8	224951.0	-6552.1	4189	9.6	235353.2	-6511.2	80	7.8	05755.2	-6607.8
4010	9.6	220540.1	-6502.9	4100	10.0	225010.0	-6514.7	4190	8.4	235414.2	-6509.8	81	10.4	05840.9	-6610.0
4011	10.0	220552.4	-6512.8	4101	8.8	225026.5	-6537.9	4191	9.8	235445.2	-6509.6	82	9.8	05956.3	-6656.7
4012	10.2	220615.4	-6556.1	4102	8.8	225121.0	-6541.8	4192	9.1	235512.2	-6527.4	83	9.5	10058.2	-6643.6
4013	9.6	220629.5	-6558.5	4103	9.8	225153.5	-6508.0	4193	9.2	235534.2	-6532.4	84	9.1	10145.0	-6619.5
4014	8.6	220642.8	-6525.8	4104	9.2	225249.5	-6531.7	4194	9.6	235625.2	-6506.9	85	8.5	10209.5	-6631.9
4015	10.0	220657.6	-6545.0	4105	10.0	225411.0	-6542.1	4195	9.5	235656.7	-6510.4	86	9.7	10421.0	-6652.3
4016	7.6	220837.2	-6538.3	4106	9.0	225458.5	-6543.1	4196	10.6	235735.8	-6524.2	87	7.8	10601.5	-6635.2
4017	8.2	220916.9	-6510.8	4107	9.7	225729.5	-6510.6	4197	9.8	235806.2	-6533.4	88	8.2	10614.0	-6651.0
4018	10.2	220946.3	-6524.7	4108	9.0	230002.8	-6509.7	4198	10.1	235822.2	-6505.6	89	9.1	10905.5	-6645.1
4019	9.4	221005.1	-6549.6	4109	9.4	230217.5	-6558.2	4199	9.6	235942.2	-6508.7	90	9.5	10946.0	-6603.1
4020	10.2	221034.1	-6546.6	4110	9.6	230420.0	-6520.6	1	9.2	00119.7	-6616.8	91	9.6	11104.0	-6608.4
4021	9.7	221108.8	-6526.8	4111	9.6	230422.0	-6518.1	2	7.9	00123.7	-6637.5	92	9.1	11233.0	-6637.5
4022	8.0	221125.9	-6551.5	4112	9.8	230512.0	-6510.0	3	10.4	00154.7	-6614.9	93	9.1	11536.5	-6652.0
4023	10.2	221203.2	-6518.1	4113	9.1	230531.5	-6504.9	4	9.6	00237.2	-6630.3	94	9.4	11700.5	-6645.6
4024	10.2	221211.2	-6513.8	4114	9.0	230541.0	-6526.1	5	8.6	00320.2	-6643.4	95	9.7	11750.0	-6616.5
4025	10.2	221341.6	-6508.3	4115	9.1	230711.0	-6542.1	6	8.4	00344.7	-6603.2	96	9.7	11836.5	-6608.5
4026	10.1	221345.6	-6548.3	4116	8.8	230733.0	-6518.8	7	9.6	00346.7	-6638.5	97	9.6	11903.0	-6649.7
4027	9.0	221403.6	-6546.8	4117	10.1	230746.5	-6507.4	8	10.4	00652.2	-6620.8	98	9.2	12005.0	-6646.4
4028	9.8	221407.6	-6547.0	4118	8.8	230805.0	-6556.4	9	9.2	00723.7	-6638.2	99	8.1	12051.5	-6647.6
4029	10.0	221411.8	-6528.3	4119	9.4	230958.0	-6550.9	10	10.4	00807.9	-6600.4	100	8.8	12127.0	-6613.0
4030	10.2	221440.9	-6550.5	4120	9.2	231027.5	-6544.3	11	10.0	00814.2	-6634.6	101	9.8	12152.5	-6643.8
4031	9.1	221449.6	-6504.7	4121	8.4	231108.3	-6559.1	12	9.8	00840.7	-6618.3	102	9.8	12437.0	-6607.9
4032	7.5	221453.9	-6559.0	4122	9.2	231157.0	-6517.1	13	10.1	00945.7	-6646.4	103	8.8	12726.5	-6627.0
4033	10.2	221516.6	-6545.2	4123	10.1	231217.5	-6511.4	14	9.6	01055.7	-6619.8	104	9.2	13132.0	-6600.4
4034	9.6	221529.1	-6505.6	4124	9.0	231248.5	-6519.0	15	9.2	01128.7	-6621.3	105	9.0	13339.5	-6624.9
4035	9.8	221553.1	-6542.1	4125	8.4	231257.5	-6523.1	16	9.8	01151.7	-6617.1	106	7.6	13443.3	-6614.5
4036	10.0	221604.3	-6523.4	4126	10.0	231332.5	-6533.1	17	10.0	01245.7	-6618.3	107	9.2	13652.0	-6603.0
4037	10.1	221613.4	-6510.5	4127	10.1	231333.0	-6506.2	18	9.8	01326.7	-6635.3	108	9.2	13747.7	-6627.8
4038	9.2	221620.8	-6521.3	4128	9.2	231334.0	-6553.4	19	9.8	01338.7	-6620.0	109	8.8	13824.8	-6638.9
4039	9.7	221650.9	-6551.5	4129	9.2	231334.0	-6543.1	20	9.8	01505.7	-6608.8	110	9.0	14029.5	-6619.9
4040	9.2	221705.9	-6551.4	4130	10.1	231336.5	-6552.4	21	8.0	01536.7	-6626.7	111	8.7	14219.8	-6600.8
4041	9.6	221707.2	-6531.7	4131	10.1	231400.0	-6554.1	22	7.2	01539.6	-6659.9	112	9.2	14249.6	-6626.4
4042	10.1	221748.8	-6524.5	4132	10.0	231422.0	-6532.1	23	10.6	01721.7	-6634.6	113	9.2	14513.0	-6617.1
4043	10.2	221751.6	-6502.8	4133	7.8	231454.0	-6556.9	24	10.2	01849.9	-6655.6	114	9.2	14410.0	-6625.9
4044	5.0	221824.6	-6536.0	4134	10.1	231531.5	-6523.6	25	9.8	01912.1	-6659.9	115	9.2	14445.0	-6653.2
4045	9.1	221848.8	-6522.6	4135	8.2	231543.0	-6534.5	26	8.0	01917.4	-6605.5	116	8.4	14507.5	-6623.4
4046	9.4	221947.3	-6537.9	4136	9.6	231729.0	-6512.4	27	9.6	01921.6	-6602.7	117	9.0	14951.5	-6649.9
4047	8.6	221952.9	-6513.3	4137	9.8	231806.0	-6533.1	28	9.8	01943.7	-6628.7	118	9.2	15111.0	-6636.0
4048	9.6	222026.4	-6556.3	4138	9.8	231822.0	-6527.7	29	9.0	02220.9	-6652.5	119	8.4	15159.5	-6618.0
4049	10.0	222052.5	-6503.9	4139	10.1	231823.0	-6523.2	30	10.8	02230.1	-6616.9	120	9.2	15313.0	-6616.8
4050	9.2	222053.5	-6550.2	4140	9.4	232143.5	-6527.1	31	8.2	02232.5	-6636.2	121	8.7	15413.0	-6637.3
4051	9.4	222107.1	-6529.2	4141	9.4	232210.0	-6513.6	32	9.4	02238.6	-6635.9	122	9.1	15421.0	-6625.9
4052	9.6	222131.5	-6548.1	4142	9.1	232252.0	-6531.1	33	9.4	02418.1	-6651.2	123	7.4	15429.0	-6602.1
4053	9.6	222132.5	-6522.0	4143	7.8	232403.0	-6503.7	34	10.0	02446.6	-6619.6	124	7.4	15612.5	-6603.5
4054	9.6	222145.2	-6552.8	4144	9.0	232442.5	-6502.9	35	10.4	02622.6	-6625.0	125	7.4	15624.0	-6640.4
4055	9.2	222215.3	-6507.2	4145	9.8	232538.0	-6559.3	36	9.4	02702.6	-6647.0	126	8.5	15801.0	-6657.1
4056	8.7	222228.8	-6507.0	4146	10.1	232655.0	-6557.7	37	10.6	02703.6	-6640.8	127	8.4	15928.5	-6629.0
4057	9.2	222257.0	-6527.5	4147	9.6	232734.5	-6529.9	38	10.0	02805.1	-6611.0	128	8.8	20007.5	-6606.9
4058	10.0	222323.0	-6513.3	4148	7.5	232803.5	-6522.8	39	9.8	02820.6	-6627.2	129	8.7	20230.0	-6643.9
4059	10.0	222505.0	-6525.8	4149	9.2	232809.0	-6522.3	40	10.6	03036.6	-6629.4	130	7.3	20352.0	-6632.3
4060	10.0	222522.0	-6512.6	4150	10.1	232905.0	-6554.0	41	9.8	03117.6	-6655.8	131	9.2	20544.0	-6658.9
4061	9.4	222528.5	-6513.1	4151	9.5	233002.5	-6516.3	42	10.0	03234.6	-6656.0	132	9.2	20827.5	-6656.5
4062	9.8	222532.0	-6552.0	4152	10.0	233033.0	-6510.4	43	7.8	03240.9	-6643.9	133	8.5	20900.5	-6621.5
4063	9.8	222533.5	-6535.9	4153	9.0	233143.5	-6506.4	44	10.4	03258.4	-6612.6	134	7.9	20946.0	-6644.3
4064	9.4	222617.0	-6541.0	4154	10.0	233207.5	-6514.1	45	10.2	03453.9	-6630.5	135	9.4	21900.5	-6628.8
4065	9.8	222634.0	-6518.9	4155	10.1	233330.5	-6533.2	46	9.4	03529.4	-6632.6	136	8.9	21939.3	-6646.8
4066	10.0	222643.0	-6549.6	4156	8.1	233346.5	-6558.2	47	6.0	03707.4	-6609.3	137	9.0	21942.3	-6632.7
4067	9.2	222744.0	-6551.7	4157	9.4	233506.0	-6531.0	48	9.4	03709.9	-6604.3	138	9.4	21946.5	-6648.8
4068	9.4	222753.0	-6500.0	4158	10.0	233613.5	-6528.4	49	9.8	03719.4	-6605.5	139	9.0	22259.3	-6650.7
4069	10.0	222759.0	-6538.5	4159	6.9	233718.0	-6506.0	50	6.8	03721.4	-6617.6	140	8.2	22526.8	-6607.3
4070	8.5	222810.2	-6502.2	4160	7.7	233723.5	-6502.1	51	9.8	03858.2	-6658.3	141	8.9	22542.0	-6629.1

C-4

-66 142 2h25m

-66 501 6h12m

142	8.6	22558.5	-6637.9	232	8.3	35358.5	-6648.9	322	8.5	44641.5	-6613.5	412	8.4	52516.5	-6612.5
143	9.1	22618.5	-6640.2	233	10.1	35441.0	-6610.9	323	9.9	44643.0	-6616.4	413	8.4	52601.0	-6632.8
144	9.5	22649.0	-6656.1	234	10.1	35530.0	-6656.3	324	9.7	44654.0	-6626.5	414	9.4	52605.0	-6641.9
145	9.3	22706.0	-6630.1	235	9.1	35543.0	-6609.7	325	9.1	44659.0	-6603.3	415	9.5	52739.5	-6620.0
146	8.6	22739.0	-6620.5	236	10.1	35628.5	-6610.2	326	8.9	44705.5	-6620.1	416	9.2	52807.5	-6637.9
147	9.0	22838.0	-6640.9	237	10.1	35720.3	-6650.9	327	9.6	44731.5	-6623.3	417	10.0	52807.5	-6613.5
148	8.3	23003.5	-6656.1	238	10.1	35728.5	-6612.1	328	8.9	44804.0	-6641.3	418	8.5	52907.5	-6646.9
149	8.9	23050.0	-6611.2	239	10.1	35729.5	-6657.1	329	9.0	44852.0	-6646.2	419	8.4	52912.0	-6642.4
150	8.9	23127.5	-6609.4	240	8.3	35752.5	-6613.9	330	9.3	44919.0	-6610.5	420	10.0	52913.3	-6658.4
151	8.9	23206.5	-6620.1	241	9.8	35839.0	-6637.6	331	9.5	44953.5	-6635.1	421	7.7	52921.0	-6631.9
152	9.1	23213.0	-6617.3	242	9.8	35843.0	-6635.9	332	9.6	45025.0	-6608.3	422	9.2	52936.5	-6608.0
153	9.5	23402.0	-6646.1	243	10.0	35854.5	-6658.7	333	9.4	45045.0	-6610.9	423	9.1	53024.0	-6639.9
154	9.1	23633.5	-6613.8	244	8.3	35928.0	-6631.5	334	9.9	45204.5	-6626.5	424	20.0	53025.5	-6658.4
155	7.6	23729.0	-6639.0	245	9.7	35943.0	-6622.7	335	9.9	45209.0	-6655.9	425	8.5	53041.0	-6637.9
156	8.9	24001.5	-6637.3	246	10.1	40027.5	-6641.0	336	9.9	45249.5	-6602.9	426	8.5	53138.5	-6645.8
157	9.0	24105.5	-6657.4	247	10.1	40029.5	-6642.7	337	9.9	45318.5	-6637.9	427	10.0	53143.0	-6615.4
158	8.5	24210.5	-6616.2	248	10.1	40044.5	-6629.5	338	8.0	45319.0	-6652.5	428	10.0	53155.0	-6626.2
159	9.3	24318.0	-6618.0	249	10.1	40132.0	-6653.3	339	9.4	45448.5	-6656.9	429	10.0	53215.0	-6629.0
160	9.0	24347.0	-6650.6	250	10.0	40138.5	-6653.9	340	9.5	45451.0	-6652.7	430	9.1	53254.0	-6628.0
161	9.0	25216.0	-6650.9	251	9.5	40317.0	-6651.3	341	9.6	45517.0	-6626.9	431	8.2	53257.8	-6601.6
162	9.3	25253.5	-6642.4	252	9.8	40326.0	-6632.3	342	9.5	45609.0	-6649.9	432	10.0	53403.0	-6656.0
163	9.5	25319.0	-6650.5	253	10.1	40342.5	-6605.7	343	9.1	45621.0	-6639.8	433	8.9	53449.3	-6658.8
164	9.5	25451.5	-6638.0	254	9.4	40403.0	-6617.2	344	20.0	45630.5	-6636.0	434	9.5	53502.0	-6658.5
165	8.7	25624.7	-6634.7	255	9.0	40428.0	-6607.6	345	9.9	45644.5	-6635.9	435	10.0	53547.5	-6652.2
166	9.6	25716.5	-6630.6	256	9.8	40614.5	-6638.0	346	9.9	45654.0	-6634.7	436	10.0	53601.0	-6602.0
167	9.6	30040.0	-6609.3	257	8.3	40644.5	-6646.6	347	9.8	45731.5	-6638.9	437	9.3	53617.5	-6621.8
168	8.6	30119.2	-6654.3	258	10.1	40709.0	-6617.9	348	9.8	45738.5	-6619.8	438	9.8	53620.5	-6645.0
169	8.7	30138.0	-6601.1	259	8.7	40852.0	-6622.1	349	9.0	45800.5	-6626.8	439	5.7	53653.5	-6637.8
170	7.6	30555.5	-6623.8	260	10.1	40940.0	-6611.5	350	8.9	45840.7	-6623.1	440	10.0	53706.0	-6652.0
171	9.6	30625.0	-6644.7	261	10.1	41020.0	-6646.9	351	8.8	45843.3	-6654.9	441	10.1	53904.0	-6651.9
172	9.6	30642.5	-6611.0	262	9.8	41027.0	-6630.2	352	10.0	45921.5	-6644.7	442	9.4	54002.5	-6659.0
173	9.6	30728.0	-6609.3	263	10.1	41029.5	-6608.4	353	9.3	50010.5	-6611.7	443	9.4	54011.5	-6657.8
174	8.6	30814.0	-6651.0	264	8.3	41127.0	-6656.4	354	9.5	50010.8	-6622.6	444	9.6	54137.0	-6643.9
175	8.3	30852.5	-6658.1	265	9.8	41253.0	-6621.9	355	9.8	50011.5	-6601.2	445	10.1	54141.5	-6650.5
176	9.6	30904.5	-6633.9	266	10.1	41350.0	-6646.8	356	9.5	50028.5	-6639.1	446	8.8	54150.0	-6608.8
177	9.6	30939.5	-6628.1	267	8.3	41507.0	-6631.5	357	9.3	50034.0	-6631.3	447	10.1	54242.5	-6608.1
178	9.6	31012.0	-6642.7	268	10.1	41526.5	-6623.0	358	9.3	50040.3	-6601.4	448	9.4	54256.0	-6635.1
179	9.6	31033.0	-6611.8	269	8.0	41547.5	-6613.0	359	10.0	50043.5	-6606.8	449	10.1	54325.5	-6628.0
180	8.3	31158.5	-6617.5	270	8.3	41611.2	-6659.1	360	10.0	50057.0	-6606.4	450	10.1	54328.5	-6612.1
181	9.6	31204.0	-6652.5	271	7.1	41655.5	-6600.9	361	10.0	50101.0	-6603.2	451	9.6	54424.0	-6647.9
182	9.4	31346.5	-6605.6	272	8.2	41832.8	-6615.9	362	9.3	50146.5	-6604.2	452	10.0	54505.0	-6632.0
183	8.9	31530.0	-6659.9	273	10.1	41836.8	-6620.4	363	20.0	50205.0	-6617.0	453	9.9	54602.5	-6625.0
184	7.7	31723.0	-6620.2	274	10.1	41853.3	-6605.3	364	8.8	50219.0	-6653.6	454	9.6	54603.5	-6600.0
185	7.2	31731.0	-6610.8	275	9.5	42008.8	-6630.4	365	10.0	50245.0	-6627.6	455	9.3	54716.5	-6644.1
186	9.6	31754.0	-6651.1	276	8.2	42015.5	-6632.0	366	9.5	50245.5	-6632.7	456	8.9	54758.5	-6642.1
187	9.1	31842.0	-6654.0	277	9.8	42020.0	-6617.3	367	10.0	50247.5	-6625.9	457	8.7	54821.5	-6639.9
188	7.6	31857.0	-6614.2	278	9.2	42020.3	-6607.7	368	10.0	50251.5	-6602.1	458	9.4	54825.0	-6635.5
189	7.7	32051.5	-6613.5	279	9.5	42105.5	-6631.8	369	9.4	50321.5	-6645.9	459	9.6	54853.5	-6615.9
190	8.8	32114.0	-6600.0	280	8.8	42152.0	-6601.3	370	9.4	50325.5	-6648.5	460	9.2	54943.5	-6604.9
191	9.6	32254.0	-6602.9	281	9.2	42203.2	-6618.6	371	20.0	50403.5	-6636.1	461	8.9	54958.5	-6630.1
192	8.5	32441.0	-6655.3	282	8.8	42235.0	-6608.6	372	9.1	50508.0	-6654.1	462	9.4	55000.5	-6619.5
193	9.6	32454.5	-6604.2	283	9.1	42249.5	-6625.1	373	10.0	50548.5	-6623.8	463	5.0	55000.5	-6655.9
194	9.1	32532.5	-6617.1	284	9.5	42258.3	-6610.2	374	8.9	50604.0	-6607.8	464	9.7	55014.0	-6656.1
195	5.8	32935.5	-6654.7	285	8.1	42447.0	-6605.5	375	9.5	50734.0	-6622.9	465	9.6	55022.0	-6637.8
196	8.7	32948.5	-6642.9	286	9.8	42529.0	-6657.8	376	10.0	50741.0	-6621.4	466	9.4	55029.0	-6634.8
197	8.5	33033.0	-6604.1	287	9.2	42607.2	-6658.5	377	10.0	50846.5	-6631.5	467	9.9	55039.0	-6624.3
198	8.7	33043.0	-6607.3	288	9.8	42616.0	-6628.5	378	8.9	50858.0	-6619.7	468	9.4	55059.0	-6624.8
199	6.9	33301.0	-6610.8	289	9.8	42622.7	-6600.5	379	9.5	50925.5	-6649.5	469	9.6	55107.5	-6644.8
200	8.4	33620.0	-6656.1	290	9.3	42651.5	-6610.9	380	8.8	50956.0	-6634.4	470	9.7	55129.5	-6615.3
201	9.6	33711.0	-6629.4	291	9.4	42721.0	-6633.9	381	9.7	51026.0	-6613.9	471	9.6	55154.5	-6616.1
202	9.6	33736.5	-6626.7	292	9.9	42802.2	-6657.9	382	8.8	51110.5	-6650.1	472	9.4	55217.5	-6639.1
203	7.9	34023.5	-6652.5	293	8.9	42902.5	-6656.7	383	9.3	51308.5	-6621.5	473	9.1	55321.0	-6625.1
204	9.4	34129.5	-6634.8	294	9.2	42932.0	-6622.8	384	10.0	51328.0	-6621.0	474	10.0	55321.0	-6616.9
205	10.1	34130.0	-6621.1	295	9.8	42952.0	-6636.5	385	9.3	51337.0	-6628.5	475	10.1	55431.0	-6657.2
206	9.7	34130.0	-6622.8	296	8.9	43010.0	-6615.1	386	9.5	51357.5	-6650.8	476	9.1	55442.0	-6630.1
207	10.1	34144.5	-6617.3	297	9.9	43012.5	-6621.7	387	9.5	51404.0	-6641.3	477	10.0	55621.0	-6634.5
208	9.2	34159.8	-6626.0	298	9.6	43031.5	-6600.9	388	9.8	51437.0	-6636.5	478	8.9	55651.0	-6618.9
209	9.7	34203.5	-6605.8	299	9.3	43042.0	-6601.9	389	9.8	51520.5	-6604.5	479	9.4	55651.0	-6639.5
210	9.7	34214.0	-6605.1	300	9.3	43150.5	-6638.5	390	9.4	51601.0	-6641.9	480	9.7	55737.5	-6609.9
211	10.1	34301.5	-6633.0	301	9.8	43241.5	-6612.9	391	9.7	51615.0	-6615.9	481	9.7	55744.0	-6612.1
212	9.2	34305.0	-6610.9	302	9.2	43338.5	-6607.9	392	10.0	51620.0	-6638.9	482	10.1	55750.5	-6616.0
213	9.1	34356.5	-6601.3	303	8.5	43356.5	-6626.7	393	10.0	51645.5	-6604.9	483	10.1	55800.0	-6609.3
214	9.4	34402.5	-6613.4	304	9.1	43402.0	-6650.5	394	10.0	51828.5	-6600.9	484	9.1	55810.5	-6620.5
215	7.5	34515.5	-6653.4	305	9.5	43404.5	-6636.1	395	9.8	51838.0	-6655.5	485	9.9	55819.0	-6641.1
216	10.1	34540.0	-6606.6	306	9.2	43445.5	-6646.7	396	8.9	51921.0	-6606.1	486	9.9	55944.5	-6636.2
217	10.1	34626.0	-6626.9	307	8.6	43625.0	-6640.7	397	8.8	51944.0	-6633.8	487	9.0	60013.0	-6613.3
218	9.7	34637.0	-6612.3	308	9.8	43643.0	-6622.1	398	9.5	51947.5	-6621.1	488	9.4	60033.0	-6603.1
219	9.2	34640.0	-6612.2	309	8.8	43710.5	-6621.9	399	7.3	51948.0	-6610.8	489	9.4	60101.0	-6655.7
220	10.1	34734.0	-6624.9	310	8.6	43713.0	-6642.5	400	8.9	51952.0	-6643.7	490	9.1	60139.0	-6635.1
221	9.8	34753.5	-6609.3	311	9.5	43731.0	-6649.3	401	10.0	51959.0	-6654.6	491	9.3	60352.0	-6628.5
222	9.7	34917.0	-6617.9	312	8.9	43900.5	-6615.6	402	9.8	52001.0	-6644.1	492	9.6	60353.5	-6646.1
223	7.8	34936.5	-6643.1	313	9.5	44102.0	-6600.9	403	10.0	52002.0	-6611.8	493	5.7	60600.5	-6601.5
224	9.5	35040.0	-6608.9	314	9.2	44115.0	-6608.5	404	10.0	52118.2	-6600.6	494	9.7	60619.0	-6604.0
225	9.0	35124.0	-6617.8	315	9.2	44143.0	-6601.9	405	10.0	52201.0	-6613.5	495	9.4	60754.0	-6658.8
226	9.2	35207.5	-6641.2	316	9.8	44157.5	-6635.9	406	10.0	52217.5	-6648.1	496	9.9	60803.5	-6642.5
227	9.0	35229.0	-6652.7	317	8.6	44243.0	-6645.7	407	9.8	52248.0	-6607.9	497	9.8	60821.0	-6617.2
228	10.1	35235.5	-6652.7	318	9.1	44314.0	-6635.1	408	9.1	52302.5	-6631.9	498	9.1	61003.0	-6630.5
229	8.5	35236.5	-6626.9	319	8.4	44318.2	-6658.3	409	10.0	52341.0	-6645.7	499	10.0	61047.5	-6606.3
230	9.2	35244.5	-6602.9	320	7.5	44532.5	-6617.9	410	10.0	52351.0	-6629.6	500	9.1	61126.5	-6655.0
231	10.0	35357.0	-6645.4	321	8.6	44537.5	-6644.7	411	9.5	52449.5	-6656.8	501	9.9	61237.0	-6640.4

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502	9.4	61259.5	-6600.5
503	9.4	61319.5	-6610.3
504	7.7	61343.5	-6638.4
505	8.4	61348.5	-6608.0
506	9.6	61348.5	-6645.4
507	7.3	61534.0	-6614.7
508	10.1	61535.5	-6612.0
509	8.5	61547.0	-6642.5
510	9.7	61636.5	-6657.0
511	9.6	61648.0	-6601.0
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513	9.7	61724.5	-6600.4
514	9.6	61828.0	-6607.3
515	9.9	61906.0	-6617.1
516	8.4	61914.3	-6600.0
517	10.0	61947.0	-6614.0
518	9.4	61949.7	-6645.2
519	9.7	61952.5	-6644.4
520	9.3	61959.5	-6621.7
521	9.6	62005.5	-6621.8
522	8.7	62008.7	-6629.5
523	9.0	62020.5	-6620.4
524	9.8	62037.0	-6634.1
525	9.4	62122.5	-6655.2
526	9.4	62142.0	-6636.4
527	9.7	62156.0	-6614.2
528	10.0	62220.0	-6629.1
529	8.7	62233.0	-6614.5
530	10.0	62237.5	-6623.8
531	9.1	62317.5	-6656.2
532	9.2	62323.0	-6636.8
533	10.0	62352.0	-6605.3
534	9.4	62424.0	-6654.3
535	9.5	62510.0	-6624.6
536	10.0	62530.5	-6621.0
537	9.8	62556.0	-6649.1
538	10.0	62606.5	-6629.6
539	10.0	62626.0	-6652.2
540	9.6	62644.5	-6615.3
541	9.1	62650.7	-6600.7
542	10.0	62655.5	-6617.1
543	10.0	62703.0	-6636.7
544	9.1	62732.5	-6635.7
545	9.4	62732.5	-6638.1
546	9.3	62751.0	-6648.1
547	10.0	62758.5	-6615.7
548	9.2	62800.0	-6640.2
549	10.0	62800.5	-6632.5
550	9.4	62814.5	-6655.3
551	9.5	62822.0	-6651.4
552	9.3	62836.0	-6620.1
553	9.4	62841.0	-6650.2
554	10.0	62843.0	-6656.1
555	10.0	62901.0	-6610.1
556	9.2	62943.0	-6632.9
557	10.0	63102.0	-6635.4
558	8.8	63104.0	-6646.6
559	9.8	63106.0	-6626.0
560	10.0	63116.0	-6605.4
561	10.0	63124.5	-6617.0
562	9.7	63130.0	-6616.1
563	9.8	63131.0	-6631.5
564	10.0	63151.0	-6626.7
565	10.0	63151.5	-6629.8
566	9.6	63201.0	-6645.8
567	9.4	63233.0	-6610.3
568	9.6	63327.5	-6634.9
569	9.4	63343.0	-6628.0
570	9.5	63410.5	-6651.2
571	10.0	63430.0	-6612.8
572	9.6	63446.0	-6629.1
573	10.0	63451.5	-6606.4
574	9.2	63520.0	-6642.8
575	9.3	63544.0	-6635.1
576	9.5	63722.0	-6623.0
577	9.3	63745.0	-6615.8
578	10.0	63752.0	-6659.1
579	9.4	63758.5	-6632.6
580	9.4	63759.0	-6642.6
581	10.0	63831.3	-6602.9
582	9.6	63833.5	-6629.5
583	9.3	63956.0	-6656.3
584	10.0	64005.0	-6636.3
585	10.0	64023.0	-6638.6
586	9.5	64023.0	-6634.1
587	10.0	64040.5	-6655.9
588	10.0	64057.0	-6646.1
589	9.3	64146.0	-6649.2
590	9.3	64159.0	-6658.9
591	10.0	64223.5	-6642.3
592	10.0	64251.0	-6626.3
593	9.2	64253.5	-6605.3
594	8.1	64310.0	-6622.2
595	10.0	64317.0	-6625.4
596	9.4	64328.0	-6634.0
597	9.3	64339.5	-6608.1
598	9.6	64425.0	-6656.1
599	9.3	64446.0	-6628.8
600	8.8	64452.0	-6643.7
601	9.3	64520.7	-6659.1
602	9.3	64531.0	-6612.2
603	9.7	64641.0	-6630.7
604	9.8	64650.5	-6604.5
605	9.1	64836.5	-6600.2
606	9.2	64927.0	-6611.2
607	9.9	64944.0	-6645.1
608	7.9	64949.0	-6608.6
609	9.5	65016.5	-6649.5
610	10.0	65046.0	-6641.9
611	10.0	65051.5	-6609.1
612	9.6	65112.2	-6658.0
613	9.7	65132.7	-6658.1
614	9.3	65140.0	-6633.5
615	9.8	65143.5	-6651.1
616	9.1	65213.0	-6613.0
617	10.0	65219.0	-6638.2
618	9.1	65220.0	-6640.0
619	9.8	65238.0	-6640.1
620	9.2	65302.0	-6611.1
621	10.0	65303.0	-6638.8
622	9.1	65402.0	-6649.1
623	9.6	65413.5	-6613.5
624	9.2	65449.0	-6633.8
625	9.5	65510.0	-6651.1
626	10.0	65532.5	-6619.1
627	10.0	65543.5	-6606.8
628	10.0	65623.0	-6627.1
629	9.4	65629.0	-6604.4
630	10.0	65638.5	-6607.8
631	9.3	65706.5	-6652.1
632	8.7	65743.5	-6649.0
633	9.6	65746.0	-6657.2
634	9.4	65750.7	-6603.1
635	9.5	65852.5	-6604.0
636	9.2	65927.8	-6655.2
637	9.2	65930.0	-6614.5
638	9.5	70002.5	-6602.3
639	9.2	70014.0	-6658.7
640	9.7	70041.5	-6639.7
641	9.3	70048.3	-6637.1
642	9.3	70121.0	-6607.6
643	9.7	70152.5	-6646.0
644	9.2	70158.5	-6640.8
645	9.2	70207.5	-6645.2
646	8.3	70302.0	-6642.2
647	9.7	70306.5	-6611.1
648	9.7	70341.0	-6616.0
649	9.7	70348.0	-6615.1
650	9.3	70357.0	-6625.4
651	9.4	70402.0	-6637.1
652	9.3	70442.0	-6651.2
653	9.2	70453.0	-6615.5
654	9.2	70553.0	-6655.4
655	8.3	70639.0	-6649.0
656	9.7	70719.5	-6612.2
657	9.2	70829.0	-6630.7
658	9.1	71007.0	-6647.3
659	8.8	71032.0	-6606.8
660	9.4	71041.5	-6655.7
661	8.3	71048.0	-6651.2
662	8.8	71055.0	-6653.4
663	9.3	71206.0	-6608.8
664	9.6	71249.0	-6614.9
665	9.7	71415.0	-6604.7
666	9.1	71427.5	-6608.9
667	9.1	71447.5	-6619.2
668	9.3	71456.5	-6644.0
669	8.5	71556.5	-6634.7
670	9.7	71610.0	-6603.1
671	9.4	71624.5	-6602.8
672	9.5	71628.0	-6624.2
673	8.8	71643.0	-6646.8
674	9.7	71702.0	-6624.1
675	9.1	71711.0	-6620.6
676	9.2	71715.8	-6659.9
677	9.4	71808.0	-6615.5
678	9.1	71823.0	-6651.6
679	9.7	71900.0	-6626.2
680	8.8	71901.5	-6657.2
681	9.2	72028.0	-6624.9
682	9.4	72050.0	-6642.7
683	9.4	72113.5	-6605.1
684	9.0	72141.0	-6647.3
685	9.2	72143.0	-6652.4
686	8.9	72145.5	-6603.4
687	7.8	72223.0	-6617.6
688	9.7	72229.5	-6648.1
689	8.9	72340.0	-6617.5
690	9.0	72358.0	-6625.2
691	9.7	72457.5	-6642.0
692	9.3	72531.0	-6647.1
693	9.2	72539.0	-6612.1
694	9.7	72615.0	-6634.3
695	9.7	72622.5	-6649.1
696	8.9	72623.0	-6636.6
697	9.3	72658.0	-6645.2
698	9.7	72709.0	-6622.5
699	9.7	72710.5	-6623.7
700	8.3	72731.5	-6643.2
701	9.4	72754.0	-6608.5
702	9.7	72756.5	-6621.1
703	9.4	72814.5	-6615.3
704	9.7	72849.0	-6612.6
705	9.2	72926.5	-6617.8
706	9.0	73019.0	-6604.9
707	8.6	73101.0	-6654.8
708	9.4	73129.5	-6648.0
709	9.6	73238.5	-6638.1
710	9.5	73321.0	-6602.3
711	9.7	73330.5	-6626.7
712	8.9	73342.0	-6604.8
713	8.8	73413.0	-6622.1
714	9.4	73420.5	-6651.0
715	9.6	73441.0	-6608.6
716	9.4	73601.0	-6643.4
717	9.0	73704.5	-6638.6
718	9.4	73733.5	-6610.4
719	9.2	73750.5	-6612.9
720	9.4	73803.0	-6654.3
721	9.1	73809.0	-6648.6
722	9.7	73824.5	-6603.7
723	9.0	73829.7	-6625.8
724	9.7	73842.5	-6655.0
725	9.7	73911.0	-6645.7
726	9.4	73917.2	-6616.0
727	9.7	73958.5	-6625.0
728	9.5	74016.7	-6612.6
729	9.7	74040.0	-6613.9
730	9.3	74101.7	-6656.9
731	9.7	74110.0	-6653.7
732	9.7	74133.5	-6608.2
733	8.5	74145.5	-6636.1
734	9.7	74147.0	-6603.4
735	9.1	74149.0	-6634.9
736	9.0	74158.0	-6602.6
737	8.8	74331.5	-6653.9
738	9.6	74339.5	-6600.9
739	9.4	74359.0	-6628.6
740	9.7	74406.5	-6657.9
741	9.7	74425.5	-6608.5
742	9.6	74430.0	-6658.9
743	8.7	74509.0	-6645.7
744	9.4	74553.0	-6641.9
745	8.6	74558.5	-6623.8
746	9.5	74559.5	-6630.6
747	9.7	74622.5	-6618.3
748	9.4	74623.5	-6645.4
749	9.7	74627.0	-6645.7
750	9.5	74656.5	-6646.7
751	9.7	74658.0	-6659.5
752	9.1	74738.7	-6601.9
753	9.4	74750.0	-6634.4
754	9.4	74758.5	-6602.0
755	9.7	74903.5	-6653.9
756	9.4	74926.5	-6623.9
757	9.6	74931.5	-6629.9
758	9.7	75004.0	-6654.8
759	8.7	75007.5	-6622.4
760	9.7	75039.0	-6644.1
761	9.4	75048.5	-6631.9
762	9.4	75050.5	-6614.1
763	9.5	75113.5	-6656.4
764	9.7	75125.5	-6603.0
765	9.3	75126.5	-6616.6
766	9.7	75141.5	-6655.1
767	9.6	75211.5	-6646.6
768	9.7	75253.5	-6640.6
769	9.0	75336.0	-6644.1
770	9.7	75348.0	-6636.9
771	9.7	75407.5	-6631.8
772	9.6	75425.5	-6632.5
773	9.1	75454.5	-6634.6
774	9.4	75521.5	-6639.6
775	9.5	75523.5	-6608.6
776	9.1	75610.0	-6615.5
777	9.4	75612.5	-6632.1
778	9.0	75626.0	-6625.7
779	9.0	75627.5	-6651.9
780	9.3	75659.0	-6640.2
781	9.4	75715.5	-6620.2
782	9.3	75729.0	-6612.0
783	8.3	75744.5	-6625.9
784	9.5	75817.0	-6653.3
785	9.3	75818.0	-6612.3
786	9.3	75952.0	-6642.0
787	9.4	80047.5	-6617.3
788	9.1	80111.5	-6604.9
789	9.7	80116.0	-6618.0
790	9.4	80141.5	-6607.0
791	9.3	80217.0	-6615.0
792	8.6	80229.5	-6628.9
793	9.3	80247.0	-6609.8
794	9.5	80320.5	-6657.2
795	9.1	80338.0	-6620.9
796	7.8	80345.0	-6651.0
797	9.3	80400.0	-6637.6
798	9.5	80417.5	-6606.6
799	9.3	80457.5	-6605.8
800	9.1	80628.5	-6647.3
801	9.5	80749.5	-6647.9
802	9.3	80751.0	-6622.5
803	9.7	80834.5	-6651.8
804	9.7	81015.5	-6617.4
805	9.7	81037.0	-6630.9
806	8.9	81043.5	-6658.8
807	9.3	81135.5	-6600.7
808	9.6	81210.7	-6659.0
809	9.4	81217.5	-6653.9
810	8.8	81244.0	-6613.1
811	9.4	81327.0	-6645.0
812	9.4	81402.0	-6621.0
813	9.4	81445.5	-6648.9
814	9.7	81503.5	-6624.4
815	9.4	81525.5	-6629.0
816	9.5	81538.5	-6645.6
817	9.4	81555.0	-6603.4
818	9.0	81604.7	-6657.5
819	8.8	81657.5	-6607.1
820	9.3	81711.5	-6632.0
821	9.7	81712.0	-6652.7
822	9.7	81718.0	-6612.7
823	9.1	81724.5	-6628.8
824	9.4	81724.5	-6614.0
825	8.9	81818.5	-6613.3
826	8.7	81849.7	-6606.0
827	10.0	81900.0	-6616.1
828	9.7	81904.5	-6638.7
829	9.6	81905.2	-6605.9
830	10.0	81912.0	-6627.2
831	10.0	81919.5	-6633.9
832	9.2	81919.8	-6647.3
833	10.0	81920.5	-6657.8
834	9.8	81921.5	-6606.2
835	9.8	81948.0	-6601.7
836	8.8	81955.0	-6619.9
837	10.0	82003.0	-6625.8
838	8.5	82015.5	-6623.6
839	9.7	82031.2	-6613.0
840	8.4	82054.3	-6656.0
841	10.0	82054.5	-6610.3
842	9.0	82055.5	-6600.0
843	10.0	82229.0	-6651.0
844	10.0	82242.0	-6622.3
845	9.2	82301.0	-6653.7
846	9.6	82331.5	-6629.3
847	9.2	82340.5	-6622.7
848	9.2	82341.5	-6614.5
849	9.2	82430.5	-6648.8
850	10.0	82435.5	-6605.5
851	9.5	82446.0	-6650.0
852	9.2	82453.0	-6601.8
853	9.7	82456.5	-6634.4
854	10.0	82524.5	-6633.8
855	10.0	82528.0	-6652.5
856	9.6	82551.0	-6632.8
857	9.2	82613.5	-6656.6
858	9.2	82646.0	-6621.4
859	9.2	82725.0	-6644.8
860	9.6	82800.5	-6642.9
861	7.5	82831.0	-6643.1

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862	10.0	82842.0	-6616.8	952	9.7	85702.0	-6659.9	1042	7.2	93929.3	-6620.5	1132	9.7	95340.0	-6630.8
863	10.0	82843.5	-6618.1	953	9.5	85717.5	-6626.4	1043	9.5	93936.5	-6628.3	1133	9.9	95348.0	-6658.3
864	9.4	82844.5	-6635.8	954	9.0	85911.8	-6649.6	1044	9.6	93936.5	-6641.9	1134	9.5	95401.5	-6623.0
865	9.2	82856.0	-6615.5	955	10.0	85925.0	-6631.9	1045	9.2	93954.0	-6634.5	1135	9.8	95420.0	-6620.9
866	9.8	82919.0	-6621.0	956	9.6	85935.0	-6607.6	1046	9.7	94006.5	-6639.6	1136	9.9	95442.5	-6646.9
867	7.8	82948.5	-6626.4	957	8.4	85938.8	-6618.0	1047	9.4	94022.0	-6604.9	1137	9.9	95453.0	-6601.1
868	9.9	82956.0	-6618.0	958	8.7	85942.5	-6613.1	1048	9.2	94023.2	-6613.9	1138	9.3	95501.5	-6629.0
869	10.0	83000.5	-6623.1	959	9.3	85947.5	-6658.9	1049	9.8	94029.0	-6605.9	1139	8.0	95511.5	-6624.9
870	10.0	83029.0	-6653.8	960	9.4	90000.7	-6641.6	1050	9.8	94044.5	-6616.9	1140	9.9	95518.0	-6632.0
871	9.6	83046.5	-6647.1	961	9.4	90032.0	-6643.9	1051	9.2	94049.5	-6612.4	1141	9.8	95549.5	-6618.5
872	9.5	83047.2	-6600.4	962	10.0	90036.0	-6605.1	1052	8.6	94112.5	-6626.9	1142	9.8	95554.5	-6604.8
873	9.4	83105.0	-6612.7	963	9.2	90040.3	-6658.6	1053	9.2	94121.0	-6604.3	1143	9.8	95559.0	-6624.6
874	10.0	83124.0	-6636.8	964	9.2	90104.0	-6650.9	1054	9.9	94123.5	-6642.3	1144	9.1	95606.0	-6648.0
875	9.5	83152.0	-6630.9	965	8.9	90114.5	-6654.6	1055	9.6	94126.5	-6622.9	1145	9.6	95617.0	-6608.8
876	9.2	83208.0	-6635.6	966	9.4	90138.5	-6643.6	1056	9.9	94130.5	-6626.4	1146	9.6	95635.5	-6643.8
877	8.4	83221.5	-6605.6	967	9.5	90146.5	-6621.9	1057	9.4	94152.5	-6654.2	1147	9.9	95639.5	-6635.1
878	9.8	83232.5	-6655.9	968	9.2	90156.5	-6635.4	1058	9.6	94208.0	-6648.0	1148	9.9	95717.0	-6628.4
879	9.6	83233.0	-6647.9	969	9.4	90202.0	-6633.1	1059	9.2	94215.5	-6644.4	1149	9.9	95724.0	-6610.5
880	8.6	83239.0	-6605.7	970	9.2	90253.5	-6611.9	1060	9.4	94220.0	-6617.9	1150	9.4	95724.5	-6617.7
881	9.2	83334.5	-6645.4	971	9.1	90315.5	-6642.2	1061	8.0	94226.5	-6613.9	1151	9.9	95733.5	-6622.3
882	9.2	83340.5	-6610.6	972	9.5	90317.5	-6611.6	1062	9.9	94227.0	-6657.9	1152	9.0	95746.5	-6607.0
883	8.9	83349.0	-6653.6	973	9.0	90336.0	-6606.8	1063	9.3	94229.0	-6615.7	1153	9.6	95757.5	-6652.5
884	9.8	83416.5	-6600.4	974	9.5	90535.5	-6635.4	1064	9.4	94229.0	-6605.2	1154	9.2	95830.0	-6630.7
885	9.8	83422.5	-6609.0	975	9.4	90712.5	-6644.2	1065	9.6	94238.5	-6653.8	1155	9.2	95834.0	-6618.9
886	9.2	83435.0	-6629.0	976	9.4	90721.5	-6650.9	1066	9.9	94247.0	-6606.6	1156	9.9	95904.8	-6600.2
887	8.8	83517.5	-6649.0	977	9.2	90732.0	-6613.7	1067	9.4	94251.0	-6633.3	1157	9.9	95909.5	-6630.7
888	9.6	83521.0	-6650.5	978	8.8	90735.0	-6601.7	1068	9.9	94252.0	-6641.4	1158	9.4	95915.0	-6618.3
889	10.0	83524.0	-6614.5	979	9.5	90759.0	-6628.1	1069	8.9	94252.5	-6659.9	1159	8.9	95917.5	-6652.2
890	10.0	83542.0	-6610.9	980	9.5	90826.0	-6651.5	1070	9.9	94254.5	-6657.0	1160	9.8	95927.0	-6601.2
891	9.8	83637.0	-6659.9	981	9.5	90840.0	-6627.9	1071	9.9	94300.0	-6607.9	1161	9.9	95937.0	-6649.2
892	9.6	83728.0	-6617.4	982	9.5	90840.0	-6629.9	1072	9.6	94318.0	-6600.9	1162	9.2	95938.5	-6624.9
893	9.8	83807.5	-6619.1	983	8.7	90859.5	-6620.8	1073	9.8	94325.5	-6600.3	1163	9.9	95950.0	-6623.1
894	10.0	83826.2	-6602.9	984	9.5	90920.5	-6614.0	1074	9.6	94329.0	-6636.6	1164	9.6	95958.0	-6639.6
895	10.0	83831.5	-6609.9	985	8.9	90923.5	-6612.2	1075	9.3	94333.5	-6625.2	1165	9.8	100002.0	-6604.6
896	8.9	83855.0	-6620.4	986	8.8	90928.5	-6634.0	1076	9.4	94339.0	-6627.1	1166	9.9	100014.0	-6602.4
897	10.0	83859.0	-6623.1	987	9.5	90932.0	-6649.5	1077	9.9	94403.0	-6619.7	1167	9.4	100055.0	-6611.6
898	8.7	83920.5	-6625.8	988	8.9	90932.0	-6633.6	1078	9.7	94417.0	-6637.9	1168	9.6	100132.0	-6622.6
899	6.5	83936.0	-6622.2	989	9.5	90944.0	-6629.0	1079	9.6	94421.0	-6610.4	1169	9.9	100132.0	-6622.9
900	9.9	83938.0	-6611.8	990	8.9	91011.0	-6612.6	1080	9.5	94437.5	-6600.2	1170	9.8	100153.5	-6619.6
901	10.0	84032.0	-6620.9	991	9.4	91043.0	-6619.5	1081	9.1	94442.5	-6654.3	1171	9.0	100157.0	-6606.7
902	10.0	84032.5	-6623.8	992	9.0	91058.5	-6659.1	1082	9.5	94444.0	-6618.6	1172	8.5	100157.5	-6639.0
903	9.3	84129.0	-6620.6	993	9.0	91120.5	-6616.8	1083	9.3	94444.5	-6638.4	1173	9.5	100200.5	-6602.7
904	9.7	84200.5	-6622.0	994	9.2	91125.5	-6603.6	1084	9.6	94454.5	-6641.8	1174	9.5	100209.3	-6601.0
905	10.0	84214.5	-6648.9	995	9.5	91240.5	-6643.0	1085	8.9	94501.5	-6616.9	1175	9.9	100231.5	-6659.9
906	8.9	84218.2	-6657.7	996	9.0	91254.5	-6631.0	1086	9.2	94513.0	-6628.0	1176	8.5	100252.0	-6654.9
907	9.2	84229.0	-6634.9	997	8.8	91318.0	-6613.0	1087	9.5	94529.0	-6623.0	1177	9.9	100325.0	-6612.3
908	9.6	84238.0	-6646.4	998	8.8	91344.5	-6654.4	1088	9.9	94531.0	-6611.9	1178	9.9	100340.5	-6652.4
909	9.2	84241.0	-6643.9	999	8.6	91428.0	-6636.2	1089	9.9	94543.5	-6627.4	1179	9.5	100351.0	-6645.8
910	9.6	84245.0	-6611.5	1000	8.8	91513.2	-6602.0	1090	9.6	94548.0	-6611.5	1180	9.5	100405.0	-6631.4
911	10.0	84321.0	-6626.1	1001	8.5	91532.0	-6609.9	1091	9.6	94600.0	-6624.8	1181	9.6	100413.5	-6625.0
912	10.0	84341.0	-6612.8	1002	8.0	91542.0	-6631.3	1092	9.9	94602.0	-6610.9	1182	9.4	100432.5	-6603.9
913	9.3	84427.5	-6605.8	1003	9.5	91718.0	-6652.0	1093	9.6	94603.5	-6626.4	1183	9.2	100438.0	-6604.2
914	9.6	84442.5	-6614.5	1004	9.5	91718.5	-6653.2	1094	9.9	94625.0	-6602.9	1184	9.5	100503.5	-6607.8
915	8.0	84453.0	-6604.7	1005	8.7	91722.0	-6654.0	1095	8.9	94643.0	-6654.7	1185	9.4	100531.5	-6612.1
916	9.5	84632.5	-6653.0	1006	9.2	91800.0	-6635.0	1096	9.6	94703.0	-6602.9	1186	9.6	100532.0	-6646.9
917	9.8	84642.5	-6633.5	1007	9.1	91817.0	-6650.3	1097	9.9	94716.0	-6658.9	1187	9.6	100543.5	-6626.0
918	9.8	84710.5	-6615.2	1008	9.5	91919.5	-6632.3	1098	8.5	94716.5	-6609.4	1188	9.2	100551.3	-6601.6
919	9.9	84711.0	-6633.9	1009	9.5	91932.5	-6637.0	1099	9.5	94720.0	-6602.9	1189	9.2	100553.5	-6628.0
920	9.8	84712.5	-6609.7	1010	9.1	92012.8	-6658.6	1100	9.9	94733.5	-6658.3	1190	9.9	100613.5	-6618.2
921	9.4	84730.5	-6638.8	1011	9.5	92028.5	-6635.1	1101	8.5	94739.0	-6633.2	1191	9.0	100619.3	-6658.3
922	9.6	84739.7	-6657.4	1012	9.5	92115.5	-6629.0	1102	9.3	94743.0	-6639.6	1192	9.7	100629.5	-6641.4
923	9.6	84745.0	-6615.1	1013	9.1	92123.7	-6657.2	1103	9.3	94748.5	-6635.3	1193	9.7	100647.5	-6658.3
924	9.2	84819.0	-6638.1	1014	8.6	92145.5	-6609.1	1104	9.9	94749.5	-6607.3	1194	7.0	100701.0	-6638.8
925	10.0	84845.5	-6610.7	1015	9.2	92247.0	-6616.2	1105	9.4	94758.5	-6645.2	1195	9.3	100721.5	-6623.8
926	9.3	84849.5	-6613.4	1016	7.8	92450.5	-6601.9	1106	9.9	94802.0	-6651.0	1196	9.5	100736.0	-6617.7
927	5.9	84852.5	-6619.6	1017	9.4	92531.5	-6652.9	1107	9.5	94813.0	-6615.9	1197	9.4	100741.5	-6604.3
928	8.8	84859.0	-6651.9	1018	6.6	92603.0	-6609.3	1108	9.0	94818.5	-6650.9	1198	9.5	100755.5	-6640.9
929	10.0	84932.5	-6654.9	1019	9.0	92637.0	-6612.9	1109	9.9	94836.0	-6631.1	1199	9.5	100758.0	-6603.6
930	9.9	84942.5	-6634.1	1020	9.4	92642.0	-6604.3	1110	8.4	94855.0	-6612.4	1200	9.2	100826.5	-6622.2
931	8.7	84943.0	-6630.6	1021	9.5	92745.1	-6642.1	1111	8.5	94920.0	-6632.2	1201	8.8	100858.5	-6604.5
932	9.5	84954.0	-6657.2	1022	8.8	92746.0	-6639.0	1112	9.4	94933.5	-6605.3	1202	9.9	100911.0	-6619.6
933	10.0	85011.0	-6622.9	1023	9.5	92807.0	-6644.4	1113	9.7	95002.0	-6656.4	1203	9.7	100926.0	-6611.5
934	10.0	85110.0	-6640.0	1024	8.5	92836.0	-6648.0	1114	9.7	95006.0	-6652.3	1204	9.4	100953.0	-6627.9
935	9.6	85121.0	-6650.6	1025	8.0	92902.0	-6610.0	1115	9.9	95023.0	-6622.8	1205	9.2	101005.5	-6609.3
936	9.2	85201.0	-6608.0	1026	9.2	92936.0	-6646.5	1116	9.4	95025.5	-6620.9	1206	9.8	101037.0	-6609.0
937	10.0	85211.5	-6610.1	1027	9.1	92939.0	-6645.7	1117	9.5	95025.5	-6611.0	1207	8.5	101109.5	-6631.2
938	8.5	85217.0	-6619.6	1028	9.5	92951.5	-6616.7	1118	9.5	95034.5	-6635.0	1208	8.7	101133.0	-6640.5
939	8.9	85218.0	-6612.7	1029	9.4	93235.5	-6629.9	1119	9.7	95055.5	-6638.9	1209	8.5	101138.0	-6639.8
940	9.6	85301.5	-6634.3	1030	8.8	93325.0	-6643.0	1120	8.5	95057.0	-6643.8	1210	8.8	101145.5	-6616.0
941	10.0	85323.0	-6638.8	1031	9.2	93457.0	-6606.9	1121	9.9	95103.5	-6605.1	1211	9.2	101232.0	-6652.9
942	8.1	85332.5	-6617.5	1032	8.6	93547.5	-6608.0	1122	9.0	95142.0	-6635.2	1212	9.5	101251.5	-6656.8
943	8.7	85337.0	-6647.0	1033	7.8	93606.0	-6617.7	1123	9.9	95147.5	-6615.0	1213	9.4	101255.5	-6638.3
944	10.0	85406.5	-6621.0	1034	8.8	93606.5	-6606.1	1124	9.4	95223.0	-6632.3	1214	9.4	101301.5	-6636.9
945	9.2	85449.0	-6620.8	1035	9.2	93826.0	-6641.3	1125	9.8	95223.5	-6637.3	1215	9.9	101353.0	-6657.0
946	9.2	85450.0	-6635.2	1036	8.6	93844.5	-6610.0	1126	9.9	95229.5	-6617.0	1216	9.6	101358.0	-6644.0
947	8.8	85451.0	-6633.0	1037	9.4	93902.0	-6634.0	1127	9.9	95246.0	-6607.0	1217	9.9	101359.5	-6645.2
948	9.6	85505.5	-6651.8	1038	9.5	93919.0	-6603.7	1128	9.4	95247.5	-6653.1	1218	8.9	101424.5	-6647.3
949	9.0	85521.0	-6648.0	1039	9.4	93925.0	-6620.3	1129	8.3	95301.5	-6645.9	1219	9.9	101428.0	-6613.6
950	10.0	85542.5	-6629.5	1040	9.4	93926.0	-6610.4	1130	9.8	95313.5	-6632.0	1220	9.9	101448.0	-6603.0
951	8.4	85633.5	-6610.9	1041	9.7	93927.0	-6607.2	1131	9.6	95315.0	-6657.5	1221	9.7	101454.0	-6621.6

-66 1222 10h15m

1222	8.6	101511.0	-6610.1	1312	9.8	102920.0	-6616.9	1402	9.0	104048.0	-6605.0	1492	9.5	105554.5	-6647.0
1223	8.8	101514.0	-6619.7	1313	9.6	102921.0	-6628.7	1403	9.6	104051.0	-6657.4	1493	9.9	105558.0	-6619.4
1224	9.0	101542.0	-6643.1	1314	9.7	102930.0	-6652.3	1404	9.2	104116.0	-6622.6	1494	9.9	105603.5	-6606.2
1225	9.0	101600.0	-6645.7	1315	9.2	103000.5	-6618.3	1405	9.9	104125.5	-6615.3	1495	9.4	105616.5	-6611.6
1226	7.2	101627.5	-6632.4	1316	9.7	103001.5	-6605.9	1406	9.9	104129.5	-6613.2	1496	9.9	105620.0	-6600.7
1227	9.8	101631.0	-6614.5	1317	9.8	103002.0	-6624.0	1407	9.2	104130.0	-6617.0	1497	9.8	105622.0	-6641.2
1228	9.3	101635.0	-6643.0	1318	9.6	103019.5	-6643.7	1408	9.8	104132.5	-6641.7	1498	9.6	105628.5	-6629.2
1229	9.9	101708.0	-6628.9	1319	9.8	103030.0	-6656.0	1409	9.6	104139.0	-6657.2	1499	9.6	105630.5	-6653.2
1230	9.4	101712.0	-6646.8	1320	9.1	103032.0	-6654.1	1410	9.6	104210.5	-6602.7	1500	9.6	105634.5	-6651.3
1231	8.6	101715.0	-6653.8	1321	9.2	103035.5	-6642.5	1411	9.5	104215.0	-6658.2	1501	9.0	105640.0	-6656.9
1232	8.7	101715.5	-6653.5	1322	9.9	103036.0	-6600.9	1412	9.0	104219.5	-6609.8	1502	9.7	105700.0	-6601.0
1233	9.6	101732.5	-6607.6	1323	9.6	103039.5	-6645.7	1413	9.8	104239.0	-6607.0	1503	9.2	105709.5	-6633.9
1234	9.9	101732.5	-6625.9	1324	9.2	103042.0	-6600.2	1414	9.6	104246.0	-6617.8	1504	9.6	105714.0	-6614.2
1235	9.9	101753.5	-6650.8	1325	9.7	103049.0	-6613.5	1415	9.8	104305.5	-6613.0	1505	9.8	105726.5	-6641.4
1236	9.6	101824.0	-6658.3	1326	8.8	103050.0	-6631.0	1416	9.9	104306.5	-6612.0	1506	9.2	105752.5	-6637.2
1237	9.6	101848.5	-6651.0	1327	9.8	103051.5	-6616.9	1417	9.6	104307.0	-6615.2	1507	9.1	105818.0	-6627.2
1238	9.2	101900.7	-6602.4	1328	9.6	103053.0	-6635.7	1418	9.9	104310.5	-6607.7	1508	9.8	105822.3	-6601.6
1239	9.9	101902.0	-6634.1	1329	9.0	103054.5	-6609.0	1419	9.9	104351.5	-6604.0	1509	9.9	105830.5	-6619.1
1240	9.8	101903.0	-6650.6	1330	9.7	103057.0	-6643.7	1420	9.6	104403.0	-6606.8	1510	9.7	105834.5	-6619.9
1241	9.6	101912.8	-6639.5	1331	9.9	103058.0	-6636.3	1421	9.6	104403.5	-6637.9	1511	9.6	105837.0	-6658.0
1242	9.9	101914.5	-6657.9	1332	9.2	103058.0	-6645.3	1422	9.7	104406.0	-6631.3	1512	9.7	105840.5	-6616.4
1243	6.0	101915.3	-6615.9	1333	9.4	103100.5	-6648.3	1423	8.2	104421.5	-6638.7	1513	9.8	105845.0	-6632.0
1244	9.1	101928.2	-6606.0	1334	9.3	103107.5	-6651.0	1424	8.9	104433.0	-6655.0	1514	9.9	105845.5	-6629.2
1245	9.5	101930.3	-6614.8	1335	9.9	103110.0	-6625.3	1425	9.5	104434.0	-6628.7	1515	9.7	105851.5	-6640.1
1246	9.8	101946.0	-6628.4	1336	9.3	103119.0	-6634.9	1426	9.4	104458.0	-6614.5	1516	9.6	105912.5	-6637.0
1247	8.5	101951.9	-6600.8	1337	9.3	103127.0	-6639.9	1427	9.5	104515.5	-6653.2	1517	9.5	105929.5	-6607.2
1248	9.6	101959.7	-6639.2	1338	9.2	103142.0	-6624.4	1428	9.7	104542.0	-6620.4	1518	9.7	105932.0	-6652.0
1249	9.7	102001.0	-6627.6	1339	9.8	103147.5	-6625.7	1429	9.5	104609.0	-6605.2	1519	9.6	105932.8	-6610.1
1250	9.9	102004.0	-6607.1	1340	9.3	103215.5	-6648.3	1430	9.6	104630.0	-6617.6	1520	9.4	105942.8	-6608.6
1251	9.2	102005.6	-6601.2	1341	9.2	103217.0	-6630.3	1431	9.6	104640.5	-6635.6	1521	9.5	105945.8	-6645.5
1252	9.9	102023.0	-6651.8	1342	9.8	103230.5	-6603.2	1432	9.7	104642.5	-6647.0	1522	9.5	105946.0	-6644.9
1253	9.9	102040.5	-6631.6	1343	9.8	103250.0	-6628.5	1433	9.7	104645.5	-6654.9	1523	9.1	105948.2	-6650.4
1254	9.4	102040.5	-6632.6	1344	9.8	103258.0	-6607.9	1434	8.0	104653.0	-6609.2	1524	8.5	105951.3	-6612.8
1255	9.8	102049.5	-6640.4	1345	9.7	103314.5	-6620.3	1435	9.8	104653.5	-6623.0	1525	9.6	110021.8	-6656.1
1256	9.6	102103.0	-6622.2	1346	9.0	103315.0	-6638.0	1436	9.5	104656.0	-6610.4	1526	9.9	110026.5	-6606.6
1257	9.2	102108.0	-6651.8	1347	9.9	103325.5	-6635.8	1437	9.6	104700.0	-6621.4	1527	9.9	110028.0	-6657.0
1258	9.8	102112.0	-6633.6	1348	9.9	103335.5	-6623.7	1438	9.6	104702.5	-6639.0	1528	9.9	110029.8	-6602.2
1259	9.9	102138.0	-6641.5	1349	9.6	103343.5	-6607.7	1439	9.9	104720.5	-6604.0	1529	9.3	110049.0	-6616.3
1260	9.0	102208.5	-6600.0	1350	9.6	103415.5	-6640.7	1440	9.8	104722.5	-6605.3	1530	9.7	110108.0	-6639.9
1261	9.8	102211.0	-6608.8	1351	9.6	103436.5	-6607.7	1441	9.5	104727.0	-6611.5	1531	9.7	110122.5	-6642.1
1262	8.9	102219.5	-6658.9	1352	9.9	103440.5	-6656.2	1442	9.8	104729.0	-6621.0	1532	9.3	110150.0	-6656.2
1263	9.6	102225.0	-6632.7	1353	9.5	103440.0	-6600.7	1443	9.9	104729.5	-6653.8	1533	9.7	110205.0	-6626.5
1264	9.4	102230.5	-6654.7	1354	9.8	103450.0	-6651.1	1444	9.3	104745.0	-6648.0	1534	9.7	110219.0	-6656.9
1265	9.7	102240.0	-6631.1	1355	9.6	103500.0	-6607.6	1445	9.5	104754.5	-6659.0	1535	9.7	110240.0	-6600.9
1266	9.2	102242.0	-6634.7	1356	9.6	103511.5	-6656.7	1446	9.8	104757.5	-6603.0	1536	9.3	110257.5	-6629.9
1267	9.8	102242.0	-6614.1	1357	8.2	103512.0	-6600.6	1447	9.2	104823.0	-6651.4	1537	9.7	110259.0	-6623.9
1268	9.1	102243.5	-6652.7	1358	9.2	103516.5	-6625.9	1448	9.5	104823.0	-6632.2	1538	9.2	110310.0	-6626.3
1269	9.8	102249.5	-6634.9	1359	8.8	103519.0	-6630.7	1449	9.8	104825.0	-6606.5	1539	9.2	110315.0	-6627.3
1270	9.6	102253.0	-6643.7	1360	9.9	103607.0	-6641.6	1450	9.4	104832.5	-6619.0	1540	9.0	110320.0	-6648.1
1271	9.6	102300.0	-6638.9	1361	9.5	103609.5	-6601.2	1451	9.6	104850.5	-6631.5	1541	9.7	110331.5	-6616.1
1272	9.8	102309.0	-6617.4	1362	9.8	103625.0	-6646.7	1452	9.8	104853.0	-6655.0	1542	9.4	110356.5	-6633.7
1273	9.2	102315.0	-6655.1	1363	9.2	103629.0	-6611.7	1453	9.6	104903.5	-6648.6	1543	9.5	110401.0	-6645.5
1274	9.6	102321.5	-6611.9	1364	9.0	103631.0	-6619.3	1454	9.9	104920.0	-6654.7	1544	9.0	110442.0	-6629.9
1275	9.5	102324.5	-6637.2	1365	9.6	103632.5	-6645.8	1455	9.1	104921.0	-6609.1	1545	9.4	110448.0	-6620.5
1276	9.8	102336.5	-6616.7	1366	9.0	103634.0	-6624.7	1456	9.9	104926.0	-6626.3	1546	9.7	110558.5	-6602.7
1277	9.9	102337.5	-6612.9	1367	9.2	103642.0	-6658.0	1457	9.4	104939.5	-6641.3	1547	9.5	110710.5	-6642.5
1278	8.8	102358.5	-6644.0	1368	9.9	103647.0	-6645.8	1458	9.8	104940.0	-6653.5	1548	9.6	110733.0	-6642.7
1279	9.5	102402.0	-6659.0	1369	9.6	103650.5	-6609.3	1459	9.6	104942.0	-6638.6	1549	9.7	110745.5	-6657.7
1280	9.6	102418.5	-6620.6	1370	9.9	103702.0	-6657.1	1460	9.8	104945.5	-6630.9	1550	8.2	110749.0	-6625.1
1281	9.0	102421.5	-6608.0	1371	9.9	103706.0	-6652.1	1461	8.9	104947.5	-6637.0	1551	9.2	110811.5	-6626.1
1282	9.5	102433.5	-6633.5	1372	9.8	103710.0	-6601.3	1462	9.9	104956.0	-6633.2	1552	8.6	110815.0	-6610.1
1283	9.7	102451.5	-6601.9	1373	9.4	103725.0	-6645.0	1463	9.6	105004.5	-6655.0	1553	9.7	110850.5	-6609.2
1284	9.9	102456.0	-6630.3	1374	9.8	103742.5	-6636.5	1464	9.4	105035.0	-6601.2	1554	9.2	110855.0	-6604.5
1285	8.5	102458.0	-6603.5	1375	9.8	103744.0	-6613.5	1465	9.9	105039.0	-6630.0	1555	9.7	110903.5	-6638.7
1286	9.8	102503.0	-6656.9	1376	9.9	103802.0	-6609.3	1466	9.8	105053.0	-6656.2	1556	9.7	110907.0	-6646.3
1287	9.8	102505.5	-6619.0	1377	9.5	103802.0	-6610.8	1467	9.6	105057.0	-6630.8	1557	9.7	110907.5	-6645.5
1288	9.8	102535.5	-6649.9	1378	9.8	103816.5	-6657.9	1468	9.9	105108.5	-6637.5	1558	9.2	110931.5	-6623.5
1289	9.5	102544.5	-6616.9	1379	9.6	103826.0	-6629.9	1469	9.9	105149.0	-6658.5	1559	9.7	110950.0	-6609.7
1290	9.6	102602.0	-6642.1	1380	9.8	103828.5	-6626.1	1470	9.6	105151.0	-6650.9	1560	9.0	111022.5	-6602.7
1291	7.4	102616.0	-6620.5	1381	9.8	103836.5	-6656.9	1471	9.3	105155.5	-6607.0	1561	9.2	111028.5	-6643.6
1292	9.9	102618.0	-6640.1	1382	9.8	103849.0	-6628.7	1472	9.7	105201.0	-6654.4	1562	9.1	111049.0	-6657.5
1293	9.2	102637.5	-6613.3	1383	9.6	103854.0	-6607.0	1473	9.4	105223.5	-6636.8	1563	9.6	111053.0	-6613.0
1294	9.2	102642.0	-6651.4	1384	9.4	103858.5	-6650.7	1474	9.2	105227.5	-6601.1	1564	9.7	111054.0	-6620.0
1295	8.8	102647.0	-6609.8	1385	9.0	103903.0	-6649.5	1475	9.6	105236.5	-6635.2	1565	9.7	111101.0	-6658.0
1296	9.4	102656.0	-6626.8	1386	9.2	103906.0	-6638.0	1476	9.6	105240.0	-6654.2	1566	9.5	111127.0	-6641.7
1297	9.8	102659.0	-6619.9	1387	9.6	103919.5	-6648.8	1477	9.6	105311.0	-6611.8	1567	8.8	111143.5	-6614.5
1298	9.8	102701.2	-6657.4	1388	9.8	103923.5	-6625.7	1478	9.8	105346.0	-6637.8	1568	9.0	111154.0	-6610.8
1299	9.6	102727.0	-6650.9	1389	9.8	103930.0	-6628.5	1479	9.3	105350.0	-6615.6	1569	9.7	111202.0	-6644.5
1300	9.7	102750.0	-6649.3	1390	9.2	103935.8	-6657.8	1480	9.6	105400.5	-6615.4	1570	9.4	111322.0	-6657.5
1301	9.7	102805.5	-6642.9	1391	9.7	104000.0	-6643.2	1481	9.7	105402.5	-6639.2	1571	9.3	111339.0	-6645.2
1302	9.3	102808.0	-6618.7	1392	9.8	104000.8	-6658.1	1482	9.8	105415.0	-6646.8	1572	8.1	111453.5	-6621.9
1303	9.7	102810.0	-6643.2	1393	9.8	104001.5	-6622.8	1483	9.2	105415.0	-6654.0	1573	8.9	111504.5	-6634.3
1304	9.9	102821.0	-6649.7	1394	9.8	104002.0	-6617.0	1484	9.9	105419.0	-6622.1	1574	9.1	111511.5	-6643.5
1305	9.8	102841.0	-6647.7	1395	9.2	104005.5	-6611.2	1485	9.8	105419.5	-6604.0	1575	9.4	111533.0	-6638.5
1306	9.8	102848.0	-6632.3	1396	9.6	104007.0	-6639.8	1486	9.4	105432.0	-6622.9	1576	9.6	111553.5	-6618.9
1307	9.7	102903.0	-6631.3	1397	9.6	104007.5	-6638.0	1487	9.6	105445.0	-6648.1	1577	9.6	111658.0	-6649.5
1308	9.9	102906.5	-6648.1	1398	9.5	104015.5	-6617.0	1488	9.8	105448.0	-6637.1	1578	9.7	111745.0	-6606.9
1309	9.7	102911.5	-6652.7	1399	8.6	104015.8	-6601.2	1489	9.8	105514.5	-6611.0	1579	9.7	111853.5	-6626.1
1310	9.9	102916.0	-6625.9	1400	9.9	104020.0	-6607.8	1490	9.6	105522.0	-6657.2	1580	9.6	111856.0	-6657.5
1311	9.9	102919.0	-6602.4	1401	9.9	104023.0	-6651.1	1491	9.8	105525.0	-6617.8	1581	8.5	111859.0	-6618.9

-66 1581 11h18m

-66 1582 11h19m

-66 1941 12h40m

1582	9.2	111918.0	-6653.0	1672	8.8	114819.5	-6645.6	1762	10.0	121922.5	-6640.8
1583	9.3	111922.0	-6607.3	1673	9.4	114907.0	-6610.5	1763	10.0	121936.0	-6639.0
1584	7.6	111929.0	-6626.4	1674	9.4	114911.5	-6652.1	1764	10.0	121950.0	-6615.1
1585	9.7	112006.5	-6620.7	1675	9.9	114930.5	-6646.4	1765	9.4	122004.8	-6604.4
1586	9.4	112023.0	-6633.5	1676	9.9	115018.5	-6603.9	1766	9.4	122005.0	-6611.2
1587	9.5	112056.0	-6616.0	1677	9.9	115030.5	-6620.5	1767	9.5	122007.3	-6628.9
1588	8.8	112109.5	-6623.5	1678	9.8	115031.2	-6628.6	1768	10.0	122019.0	-6636.4
1589	9.7	112208.5	-6657.0	1679	9.9	115108.5	-6608.5	1769	9.9	122026.0	-6614.8
1590	9.0	112255.5	-6654.6	1680	9.9	115110.0	-6650.5	1770	9.2	122027.0	-6615.2
1591	9.6	112259.5	-6633.6	1681	9.7	115133.0	-6614.1	1771	10.0	122055.5	-6659.9
1592	9.4	112306.0	-6602.4	1682	9.4	115154.0	-6623.7	1772	9.5	122104.0	-6656.7
1593	9.3	112321.0	-6618.6	1683	9.9	115203.5	-6642.5	1773	9.6	122121.0	-6639.6
1594	9.4	112354.5	-6632.7	1684	9.9	115217.5	-6600.1	1774	9.2	122123.0	-6620.8
1595	9.4	112411.5	-6602.5	1685	9.9	115232.0	-6653.9	1775	9.6	122125.0	-6634.0
1596	8.1	112419.5	-6623.1	1686	9.3	115321.0	-6609.1	1776	9.5	122127.0	-6612.8
1597	9.7	112437.5	-6630.3	1687	9.0	115355.5	-6621.9	1777	9.2	122138.5	-6618.8
1598	9.7	112442.5	-6603.5	1688	9.4	115438.5	-6611.9	1778	8.8	122149.5	-6658.1
1599	9.7	112515.5	-6610.1	1689	9.9	115533.0	-6637.7	1779	9.2	122159.5	-6612.6
1600	9.0	112525.5	-6653.0	1690	9.9	115542.8	-6657.2	1780	9.3	122211.5	-6642.2
1601	8.4	112541.5	-6643.6	1691	9.9	115545.5	-6631.5	1781	10.0	122216.5	-6604.8
1602	9.4	112551.5	-6615.6	1692	9.9	115554.0	-6622.7	1782	9.5	122222.0	-6638.8
1603	9.5	112556.5	-6620.9	1693	9.6	115601.0	-6611.6	1783	8.1	122224.5	-6610.0
1604	8.7	112634.0	-6620.9	1694	9.4	115607.5	-6607.0	1784	9.4	122230.0	-6629.8
1605	7.7	112647.0	-6616.2	1695	9.9	115654.0	-6629.4	1785	9.5	122230.5	-6600.8
1606	9.7	112722.5	-6605.6	1696	8.6	115803.0	-6606.6	1786	10.0	122314.0	-6659.8
1607	8.9	112730.0	-6617.9	1697	8.8	115808.5	-6621.1	1787	9.7	122329.0	-6644.6
1608	9.7	112732.5	-6628.2	1698	9.5	115809.5	-6657.0	1788	10.0	122331.0	-6625.2
1609	8.6	112744.5	-6621.7	1699	9.5	115819.7	-6602.0	1789	9.8	122338.0	-6613.6
1610	9.6	112751.0	-6643.6	1700	9.5	115852.0	-6619.0	1790	10.0	122343.5	-6655.8
1611	9.3	112939.5	-6614.1	1701	9.3	115855.0	-6632.2	1791	10.0	122345.0	-6611.6
1612	9.2	112943.0	-6614.1	1702	9.9	115954.0	-6639.3	1792	10.0	122350.0	-6636.0
1613	9.5	112943.5	-6656.1	1703	9.6	120035.0	-6630.9	1793	10.0	122351.5	-6628.1
1614	9.0	113004.5	-6652.7	1704	8.8	120138.0	-6617.2	1794	10.0	122354.5	-6658.8
1615	9.3	113019.5	-6640.4	1705	9.5	120147.5	-6615.0	1795	9.6	122359.5	-6604.0
1616	9.2	113022.5	-6603.9	1706	9.9	120259.5	-6651.0	1796	10.0	122406.5	-6642.4
1617	8.9	113037.0	-6607.7	1707	7.3	120304.0	-6645.4	1797	10.0	122419.5	-6630.8
1618	9.4	113040.5	-6607.0	1708	9.1	120313.0	-6601.4	1798	10.0	122422.5	-6634.8
1619	9.2	113042.0	-6603.3	1709	9.9	120317.0	-6644.0	1799	9.5	122423.5	-6611.0
1620	9.7	113051.0	-6626.0	1710	9.9	120323.0	-6601.0	1800	9.7	122426.0	-6629.8
1621	9.7	113057.0	-6645.0	1711	8.8	120353.0	-6628.8	1801	9.7	122440.0	-6631.8
1622	9.3	113058.5	-6655.1	1712	9.7	120514.0	-6649.6	1802	9.4	122459.5	-6604.1
1623	8.9	113110.8	-6656.6	1713	9.2	120517.5	-6600.0	1803	10.0	122503.0	-6616.5
1624	8.8	113132.5	-6643.0	1714	9.9	120538.5	-6615.0	1804	10.0	122505.0	-6628.5
1625	9.2	113133.0	-6649.1	1715	9.7	120541.5	-6649.4	1805	10.0	122530.5	-6639.3
1626	8.6	113139.5	-6612.4	1716	8.9	120550.0	-6655.0	1806	9.9	122601.0	-6631.9
1627	9.7	113140.5	-6653.0	1717	8.8	120640.0	-6659.0	1807	10.0	122606.5	-6651.1
1628	9.7	113142.5	-6653.2	1718	9.4	120702.0	-6642.8	1808	10.0	122619.0	-6639.1
1629	7.5	113209.5	-6655.6	1719	9.3	120705.0	-6611.2	1809	9.6	122639.0	-6632.3
1630	9.1	113251.0	-6617.5	1720	9.9	120712.0	-6608.7	1810	10.0	122645.0	-6609.1
1631	9.7	113310.0	-6658.0	1721	9.2	120724.5	-6611.3	1811	9.2	122650.5	-6649.9
1632	9.2	113333.0	-6657.1	1722	9.2	120749.0	-6633.0	1812	10.0	122656.5	-6658.2
1633	9.2	113721.5	-6656.3	1723	8.2	120755.5	-6657.6	1813	9.8	122714.0	-6621.3
1634	9.6	113721.5	-6603.1	1724	9.3	120816.0	-6614.0	1814	9.8	122726.0	-6643.7
1635	9.7	113730.5	-6621.1	1725	9.9	120825.5	-6653.8	1815	9.2	122730.5	-6644.7
1636	9.9	113808.0	-6641.3	1726	9.9	120843.5	-6632.2	1816	10.0	122731.5	-6654.0
1637	9.2	113840.2	-6636.7	1727	9.8	120850.0	-6602.4	1817	9.6	122752.5	-6608.3
1638	9.0	113925.5	-6631.1	1728	9.0	120859.5	-6640.9	1818	9.6	122753.5	-6617.9
1639	9.7	113926.4	-6600.2	1729	9.1	120933.0	-6648.6	1819	9.3	122756.5	-6657.2
1640	4.6	113940.6	-6602.3	1730	9.6	121029.5	-6639.9	1820	9.9	122800.0	-6637.9
1641	9.0	114036.0	-6610.0	1731	9.9	121042.0	-6637.1	1821	9.2	122801.0	-6606.1
1642	9.4	114059.5	-6610.2	1732	8.8	121049.5	-6616.2	1822	10.0	122803.5	-6601.5
1643	8.6	114120.5	-6655.9	1733	9.2	121104.5	-6659.0	1823	9.0	122815.5	-6658.8
1644	9.7	114121.5	-6620.7	1734	9.4	121129.0	-6634.2	1824	9.2	122817.5	-6614.5
1645	9.4	114124.7	-6659.5	1735	9.4	121241.0	-6649.6	1825	9.6	122825.5	-6639.2
1646	9.8	114140.5	-6622.6	1736	9.2	121302.0	-6618.8	1826	9.9	122831.5	-6657.1
1647	9.9	114141.8	-6603.0	1737	9.4	121314.5	-6620.0	1827	9.9	122833.5	-6618.9
1648	8.2	114144.0	-6659.9	1738	9.9	121318.0	-6630.9	1828	9.2	122835.0	-6650.9
1649	7.5	114214.5	-6607.3	1739	9.7	121352.0	-6651.0	1829	10.0	122835.0	-6635.5
1650	9.5	114227.0	-6617.7	1740	8.8	121352.5	-6647.7	1830	10.0	122846.5	-6622.7
1651	8.8	114328.0	-6646.9	1741	9.9	121356.0	-6605.2	1831	10.0	122850.5	-6649.5
1652	9.2	114337.5	-6623.7	1742	8.8	121357.5	-6650.6	1832	10.0	122859.0	-6633.4
1653	9.9	114348.7	-6608.1	1743	9.1	121402.0	-6648.9	1833	8.7	122907.5	-6636.7
1654	8.9	114351.5	-6648.9	1744	9.9	121412.5	-6625.2	1834	7.8	122908.0	-6628.9
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1656	9.9	114420.0	-6643.3	1746	9.9	121424.5	-6631.0	1836	9.5	122922.0	-6621.9
1657	9.9	114420.0	-6617.9	1747	5.5	121509.5	-6649.6	1837	8.4	122922.0	-6631.5
1658	9.2	114451.0	-6647.9	1748	8.8	121521.0	-6634.6	1838	10.0	122926.0	-6650.3
1659	9.9	114547.5	-6647.5	1749	9.6	121546.0	-6612.0	1839	10.0	122926.0	-6659.2
1660	9.4	114554.5	-6605.9	1750	9.9	121547.0	-6649.3	1840	9.9	122931.0	-6626.4
1661	9.9	114626.5	-6637.1	1751	9.2	121552.0	-6636.4	1841	9.1	122932.5	-6625.7
1662	9.9	114630.5	-6604.1	1752	7.6	121630.0	-6656.8	1842	10.0	122940.5	-6626.8
1663	9.9	114703.5	-6640.7	1753	9.1	121652.0	-6604.8	1843	10.0	122941.0	-6607.9
1664	9.9	114710.0	-6608.3	1754	9.9	121722.0	-6651.0	1844	10.0	122944.5	-6655.8
1665	9.9	114715.0	-6625.0	1755	8.7	121723.0	-6622.0	1845	10.0	122947.0	-6629.2
1666	9.9	114730.5	-6645.7	1756	9.9	121730.5	-6649.0	1846	10.0	122948.5	-6605.7
1667	9.2	114737.0	-6657.0	1757	8.3	121748.5	-6656.4	1847	10.0	122950.5	-6612.1
1668	9.9	114739.2	-6629.0	1758	9.0	121805.5	-6622.6	1848	9.9	122951.0	-6652.0
1669	9.8	114741.5	-6613.3	1759	9.8	121906.5	-6653.2	1849	10.0	122953.0	-6604.9
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1852	9.3	123027.5	-6622.9								
1853	9.3	123036.0	-6613.6								
1854	9.1	123037.5	-6619.9								
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1857	9.5	123115.5	-6626.7								
1858	9.8	123116.5	-6633.2								
1859	8.9	123127.0	-6600.6								
1860	9.2	123127.5	-6610.9								
1861	6.7	123128.0	-6630.3								
1862	9.5	123206.0	-6605.3								
1863	9.7	123208.5	-6617.7								
1864	10.0	123221.5	-6637.2								
1865	10.0	123225.5	-6601.9								
1866	8.6	123226.5	-6621.1								
1867	10.0	123237.5	-6640.9								
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1869	9.9	123241.5	-6630.6								
1870	9.6	123243.0	-6636.9								
1871	10.0	123254.0	-6601.4								
1872	9.2	123308.5	-6647.6								
1873	9.8	123318.5	-6631.5								
1874	10.0	123319.0	-6631.9								
1875	10.0	123320.5	-6635.1								
1876	9.7	123328.0	-6653.9								
1877	9.9	123334.5	-6626.4								
1878	10.0	123336.5	-6608.3								
1879	9.2	123340.5	-6607.9								
1880	9.5	123407.5	-6602.7								
1881	8.8	123407.5	-6616.9								
1882	9.4	123415.0	-6633.5								
1883	9.6	123416.5	-6605.5								
1884	9.4	123419.0	-6605.2								
1885	9.8	123421.0	-6646.5								
1886	9.4	123433.0	-6647.9								
1887	10.0	123448.0	-6602.3								
1888	10.0	123452.2	-6659.0								
1889	9.2	123455.0	-6641.8								
1890	9.8	123458.0	-6650.7								
1891	10.0	123511.0	-6624.7								
1892	9.4	123515.5	-6631.9								
1893	10.0	123523.0	-6626.1								
1894	9.6	123525.0	-6604.9								
1895	10.0	123541.0	-6628.9								
1896	9.2	123542.5	-6641.9								
1897	9.6	123545.0	-6602.9								
1898	9.0	123551.0	-6600.1								
1899	9.8	123600.0	-6612.9								
1900	10.0	123608.0	-6604.9								
1901	8.8	123619.0	-6653.7								
1902	9.4	123624.5	-6652.5								
1903	10.0	123627.0	-6637.9								
1904	9.8	123630.5	-6630.7								
1905	10.0	123632.0	-6606.3								
1906	9.6	123639.0	-6624.9								
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1908	9.6	123701.0	-6637.5								
1909	10.0	123710.5	-6628.9								
1910	10.0	123735.0	-6613.5								
1911	9.2	123736.5	-6607.7								
1912	9.9	123739.0	-6608.3								
1913	9.9	123740.0	-6648.6								
1914	9.5	123749.8	-6656.9								
1915	9.6	123756.0	-6635.3								
1916	8.5	123758.5	-6655.5								
1917	9.8	123800.0	-6610.9								
1918	9.6	123805.0	-6631.9								
1919	9.8	123807.5	-6657.0								
1920	9.2	123811.0	-6635.5								
1921	10.0	123818.5	-6637.6								
1922	9.6	123822.5	-6613.5								
1923	9.3	123822.5	-6629.3								
1924	9.4	123825.5	-6655.4								
1925	9.9	123828.0	-6647.0								
1926	9.8	123846.0	-6651.6								
1927	8.8	123854.0	-6607.9								
1928	9.6	123909.0	-6629.9								
1929	9.1	123911.0	-6621.1								
1930	9.6	123915.0	-6630.6								
1931	9.8	123928.0	-6637.9								
1932	9.7	123929.5	-6617.1								
1933	9.6	123931.0	-6648.5								
1934	10.0	123940.0	-6641.3								
1935	9.9	123950.0	-6630.5								
1936	9.6	123951.0	-6605.7								
1937	9.6	123954.0	-6610.9								
1938	10.0	123954.0	-6616.7								
1939	9.2	123956.0	-6657.7								
1940	10.0	124012.5	-6651.9								
1941	10.0	124025.0	-6642.9								

1942	10.0	124026.5	-6622.3	2032	9.9	125312.0	-6632.9	2122	9.5	130510.0	-6614.2
1943	9.6	124038.0	-6649.0	2033	9.5	125328.5	-6607.8	2123	9.5	130536.5	-6608.0
1944	8.1	124039.0	-6626.7	2034	9.2	125355.5	-6636.8	2124	9.5	130537.0	-6603.1
1945	9.1	124045.5	-6604.9	2035	9.6	125359.0	-6613.4	2125	9.7	130607.0	-6605.9
1946	9.7	124047.5	-6632.1	2036	10.0	125410.0	-6648.2	2126	9.7	130617.5	-6629.0
1947	8.2	124049.5	-6640.3	2037	10.0	125410.5	-6659.3	2127	9.5	130646.5	-6624.1
1948	9.6	124051.5	-6611.5	2038	8.9	125417.0	-6602.1	2128	9.7	130654.0	-6632.0
1949	9.9	124052.5	-6631.4	2039	9.1	125420.5	-6645.7	2129	9.3	130703.0	-6621.0
1950	10.0	124118.0	-6650.5	2040	9.0	125423.0	-6606.5	2130	9.4	130710.5	-6600.6
1951	9.6	124140.0	-6649.7	2041	9.4	125425.5	-6626.9	2131	9.5	130732.0	-6605.0
1952	9.9	124149.0	-6618.5	2042	10.0	125428.5	-6604.9	2132	9.6	130740.0	-6630.6
1953	10.0	124151.5	-6651.7	2043	9.6	125453.0	-6658.1	2133	9.8	130742.5	-6658.8
1954	10.0	124212.5	-6600.0	2044	9.9	125453.0	-6650.5	2134	9.7	130749.5	-6626.2
1955	10.0	124220.5	-6602.9	2045	10.0	125518.5	-6627.7	2135	9.7	130752.5	-6649.8
1956	10.0	124226.0	-6603.7	2046	10.0	125521.0	-6654.9	2136	9.4	130756.5	-6659.2
1957	9.9	124232.0	-6623.7	2047	9.5	125528.5	-6608.1	2137	9.3	130807.5	-6634.0
1958	10.0	124247.5	-6632.2	2048	9.8	125547.0	-6600.7	2138	9.8	130807.5	-6646.4
1959	10.0	124255.5	-6649.1	2049	10.0	125547.0	-6646.7	2139	9.4	130819.5	-6615.3
1960	9.0	124303.0	-6644.3	2050	9.4	125550.0	-6609.3	2140	9.6	130820.5	-6653.1
1961	10.0	124307.5	-6614.9	2051	9.6	125553.0	-6644.6	2141	9.6	130837.5	-6654.0
1962	10.0	124310.0	-6608.7	2052	9.9	125632.0	-6627.1	2142	7.4	130849.0	-6607.4
1963	9.4	124317.5	-6657.7	2053	9.8	125635.0	-6610.3	2143	9.8	130849.5	-6628.3
1964	9.6	124338.5	-6616.5	2054	8.8	125639.5	-6610.9	2144	9.5	130853.0	-6646.0
1965	8.9	124341.5	-6610.4	2055	9.2	125653.0	-6657.2	2145	9.2	130853.0	-6656.0
1966	9.6	124350.5	-6625.1	2056	9.6	125658.5	-6658.7	2146	9.0	130912.0	-6617.6
1967	9.7	124351.5	-6652.9	2057	10.0	125724.0	-6639.8	2147	9.6	130924.5	-6617.8
1968	9.8	124352.0	-6634.3	2058	9.9	125724.5	-6641.1	2148	9.8	130924.5	-6616.5
1969	8.2	124404.0	-6610.5	2059	9.2	125745.5	-6633.1	2149	9.1	130928.5	-6646.6
1970	9.2	124425.0	-6629.9	2060	8.9	125801.5	-6622.3	2150	9.5	130929.5	-6617.2
1971	9.6	124429.5	-6614.9	2061	8.9	125803.0	-6604.9	2151	9.6	130931.0	-6613.6
1972	10.0	124439.5	-6628.1	2062	9.1	125810.5	-6655.9	2152	9.9	130941.5	-6620.4
1973	10.0	124441.5	-6627.7	2063	9.8	125811.0	-6613.4	2153	9.5	130946.5	-6648.0
1974	10.0	124442.0	-6622.2	2064	9.0	125815.5	-6624.9	2154	9.8	130958.0	-6601.0
1975	9.5	124501.5	-6652.9	2065	10.0	125819.0	-6654.7	2155	9.9	131006.5	-6607.1
1976	9.3	124502.0	-6614.7	2066	9.6	125819.5	-6624.1	2156	9.3	131009.5	-6611.0
1977	9.5	124518.5	-6637.5	2067	10.0	125819.5	-6606.9	2157	9.7	131020.0	-6651.0
1978	9.7	124519.0	-6606.1	2068	9.3	125825.0	-6605.7	2158	9.5	131030.5	-6643.2
1979	8.9	124539.0	-6613.9	2069	9.8	125826.5	-6615.9	2159	9.9	131033.0	-6613.5
1980	9.5	124540.0	-6628.9	2070	8.8	125831.0	-6610.9	2160	9.9	131039.3	-6658.4
1981	10.0	124541.5	-6607.7	2071	9.8	125833.5	-6655.9	2161	9.0	131040.0	-6657.8
1982	8.8	124553.0	-6643.4	2072	9.8	125843.0	-6648.4	2162	9.5	131051.0	-6611.4
1983	9.2	124601.0	-6612.3	2073	9.6	125851.5	-6653.5	2163	9.5	131108.5	-6607.3
1984	9.2	124609.5	-6639.9	2074	9.6	125853.7	-6603.0	2164	7.5	131111.5	-6642.4
1985	10.0	124622.5	-6611.5	2075	8.6	125857.5	-6617.3	2165	9.9	131114.5	-6618.2
1986	10.0	124708.5	-6624.9	2076	9.9	125907.5	-6642.0	2166	9.6	131135.5	-6627.8
1987	9.2	124709.5	-6627.5	2077	9.9	125913.0	-6604.0	2167	9.3	131212.0	-6650.2
1988	9.5	124731.5	-6621.2	2078	9.9	125921.0	-6642.4	2168	9.6	131213.5	-6610.2
1989	10.0	124733.5	-6624.5	2079	9.6	125925.5	-6610.0	2169	9.7	131223.0	-6622.2
1990	9.1	124740.5	-6649.7	2080	9.4	125934.0	-6633.2	2170	9.8	131239.5	-6621.0
1991	10.0	124741.5	-6633.5	2081	9.8	125956.0	-6657.2	2171	7.3	131253.5	-6652.7
1992	10.0	124754.5	-6609.9	2082	9.6	130006.8	-6648.2	2172	9.7	131256.0	-6602.0
1993	9.2	124810.0	-6635.9	2083	9.9	130020.5	-6604.0	2173	9.8	131313.0	-6614.4
1994	9.4	124818.0	-6637.0	2084	9.9	130021.3	-6644.2	2174	9.9	131315.5	-6609.4
1995	8.8	124818.5	-6616.7	2085	9.3	130030.0	-6620.0	2175	9.9	131325.0	-6656.2
1996	9.7	124819.5	-6606.2	2086	9.7	130036.0	-6641.8	2176	9.7	131329.0	-6638.0
1997	9.2	124819.5	-6606.7	2087	9.9	130042.0	-6648.1	2177	9.2	131330.0	-6642.8
1998	10.0	124821.5	-6606.9	2088	9.5	130053.5	-6624.3	2178	9.9	131350.5	-6642.4
1999	9.1	124821.5	-6651.9	2089	9.8	130102.0	-6633.4	2179	9.9	131406.5	-6659.0
2000	9.7	124828.0	-6640.8	2090	9.8	130131.0	-6650.7	2180	9.8	131417.0	-6606.7
2001	9.0	124842.0	-6656.7	2091	9.3	130133.5	-6619.0	2181	9.9	131427.5	-6632.0
2002	8.9	124843.0	-6651.9	2092	8.5	130149.0	-6603.8	2182	9.6	131437.0	-6619.2
2003	10.0	124844.5	-6615.6	2093	9.0	130156.5	-6653.0	2183	9.7	131438.0	-6640.0
2004	9.8	124849.0	-6648.7	2094	9.9	130159.5	-6610.8	2184	9.7	131451.0	-6646.1
2005	9.8	124855.5	-6638.9	2095	9.4	130202.0	-6648.0	2185	9.7	131459.5	-6611.0
2006	9.4	124900.0	-6637.0	2096	9.4	130215.0	-6613.2	2186	9.2	131509.5	-6646.7
2007	9.2	124914.0	-6603.1	2097	9.5	130221.5	-6659.6	2187	9.5	131512.0	-6647.0
2008	10.0	124917.0	-6628.3	2098	9.9	130226.0	-6647.0	2188	9.2	131524.5	-6611.8
2009	8.9	124928.5	-6631.9	2099	9.9	130232.5	-6659.4	2189	9.7	131529.0	-6621.6
2010	9.4	124941.0	-6628.6	2100	9.5	130240.5	-6602.0	2190	9.9	131529.5	-6632.2
2011	9.1	125000.0	-6649.5	2101	9.8	130246.0	-6619.0	2191	9.9	131534.5	-6640.7
2012	10.0	125006.5	-6609.9	2102	9.6	130249.0	-6653.0	2192	7.7	131535.5	-6639.6
2013	10.0	125015.5	-6623.9	2103	9.6	130249.0	-6649.6	2193	9.0	131538.0	-6637.7
2014	10.0	125018.0	-6619.9	2104	9.2	130249.5	-6654.0	2194	9.8	131540.5	-6613.6
2015	9.3	125018.5	-6632.9	2105	9.9	130256.0	-6648.4	2195	9.3	131557.0	-6601.0
2016	9.6	125019.0	-6630.2	2106	9.4	130256.0	-6605.9	2196	9.9	131600.0	-6642.2
2017	10.0	125020.0	-6657.4	2107	9.5	130301.0	-6630.6	2197	9.5	131611.0	-6611.7
2018	9.2	125023.5	-6640.9	2108	9.6	130301.5	-6620.4	2198	9.7	131615.5	-6641.8
2019	9.5	125029.0	-6642.0	2109	9.9	130302.2	-6641.3	2199	9.2	131616.0	-6637.6
2020	9.1	125029.5	-6647.5	2110	8.9	130318.5	-6648.0	2200	9.1	131619.5	-6639.6
2021	10.0	125112.0	-6621.1	2111	9.9	130319.2	-6609.6	2201	9.4	131627.5	-6655.6
2022	9.4	125117.5	-6631.9	2112	9.9	130330.0	-6642.3	2202	9.6	131634.5	-6631.0
2023	8.6	125125.0	-6637.1	2113	9.0	130333.0	-6647.0	2203	9.7	131636.5	-6603.6
2024	8.4	125128.5	-6656.1	2114	9.8	130340.0	-6638.7	2204	9.8	131636.5	-6655.0
2025	10.0	125209.5	-6646.7	2115	9.7	130357.0	-6602.8	2205	9.8	131640.5	-6642.6
2026	9.4	125213.0	-6644.2	2116	9.5	130359.5	-6600.0	2206	9.9	131643.0	-6649.7
2027	10.0	125218.0	-6607.9	2117	9.9	130408.0	-6643.6	2207	9.7	131652.0	-6624.0
2028	8.2	125219.5	-6610.3	2118	9.8	130413.0	-6643.6	2208	9.8	131658.5	-6603.8
2029	9.6	125247.5	-6602.9	2119	9.4	130428.0	-6625.6	2209	9.1	131659.0	-6635.0
2030	8.9	125309.5	-6655.9	2120	9.7	130439.5	-6645.2	2210	9.9	131659.0	-6656.4
2031	9.2	125311.5	-6650.9	2121	9.7	130449.0	-6640.0	2211	9.9	131700.5	-6646.3
2212	9.8	131706.5	-6635.0	2292	9.5	133311.0	-6615.1
2213	9.9	131716.5	-6617.2	2293	9.7	133325.5	-6611.5
2214	9.2	131732.5	-6605.7	2294	9.7	133330.0	-6619.7
2215	9.9	131736.0	-6659.0	2295	9.5	133337.5	-6647.6
2216	9.5	131806.5	-6631.0	2296	9.6	133340.0	-6609.7
2217	9.5	131815.5	-6648.0	2297	8.8	133359.0	-6650.1
2218	9.9	131815.5	-6631.6	2298	9.9	133402.0	-6657.1
2219	9.5	131816.0	-6646.7	2299	9.0	133408.5	-6646.1
2220	9.8	131818.5	-6643.1	2300	9.6	133414.0	-6621.3
2221	9.9	131827.0	-6611.0	2301	9.8	133416.0	-6627.1
2222	8.9	131829.0	-6622.1				
2223	9.2	131841.0	-6610.7				
2224	8.0	131845.0	-6605.8				
2225	9.6	131849.5	-6625.0				
2226	9.3	131853.5	-6603.8				
2227	9.6	131926.0	-6652.1				
2228	9.5	132001.0	-6648.9				
2229	9.9	132003.5	-6617.3				
2230	9.9	132007.0	-6646.2				
2231	9.0	132012.5	-6619.1				
2232	9.5	132024.0	-6652.2				
2233	9.6	132028.5	-6644.2				
2234	9.6	132033.5	-6631.5				
2235	9.7	132035.0	-6602.6				
2236	9.3	132058.0	-6642.0				
2237	9.7	132104.5	-6614.7				
2238	9.2	132129.5	-6622.6				
2239	9.6	132153.0	-6627.9				
2240	9.7	132155.0	-6638.2				
2241	9.9	132208.5	-6629.2				
2242	9.6	132209.5	-6640.5				
2243	9.5	132232.5	-6625.2				
2244	9.9	132237.0	-6620.1				
2245	9.3	132256.0	-6646.3				
2246	9.4	132303.0	-6642.1				
2247	9.9	132309.0	-6615.0				
2248	8.3	132309.5	-6655.6				
2249	9.5	132328.5	-6649.1				
2250	9.1	132331.0	-6656.1				
2251	9.5	132407.0	-6602.4				
2252	9.7	132420.5	-6650.0				
2253	9.9	132421.0	-6646.4				
2254	9.7	132421.5	-6650.0				
2255	9.0	132455.0	-6605.4				
2256	9.5	132506.5	-6617.7				
2257	9.5	132512.5	-6615.4				
2258	9.9	132529.0	-6659.0				
2259	9.5	132529.5	-6627.0				
2260	9.7	132540.0	-6653.6				
2261	9.4	132541.5	-6622.0				
2262	9.7	132602.0	-6622.7				
2263	9.3	132608.0	-6639.1				
2264	9.9	132609.0	-6636.8				
2265	9.4	132625.0	-6634.7				
2266	9.9	132637.5	-6636.1				
2267	9.9	132647.8	-6658.3				
2268	9.9	132649.3	-6648.4				
2269	9.9	132651.3	-6611.5				
2270	9.6	132706.5	-6600.5				
2271	9.4	132743.0	-6642.2				
2272	9.3	132904.0	-6624.1				
2273	9.4	132914.5	-6645.5				
2274	9.2	132952.2	-6601.4				
2275	9.3	132956.5	-6630.5				
2276	9.4	132957.5	-6621.3				
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2278	9.8	133040.5	-6628.7				
2279	9.9	133043.0	-6604.3				
2280	9.6	133043.0	-6603.2				
2281	9.9	133050.3	-6659.2				
2282	9.4	133054.5	-6639.1				
2283	9.4	133117.5	-6617.5				
2284	9.6	133122.0	-6614.0				
2285	9.2	133132.5	-6639.6				
2286	9.9	133159.5	-6600.9				
2287	9.7	133205.5	-6646.2				
2288	9.7	133212.0	-6603.6				
2289	9.4	133217.0	-6636.0				
2290	9.9	133235.5	-6606.0				
2291	9.8	133255.0	-6634.1				

-66 2302 13h34m

-66 2661 14h42m

2302	9.9	133419.3	-6601.1	2392	9.9	134902.0	-6645.7	2482	9.9	140459.0	-6649.7
2303	9.9	133430.5	-6634.1	2393	9.6	134920.5	-6644.0	2483	9.9	140544.2	-6658.9
2304	9.7	133438.0	-6614.0	2394	8.6	135001.0	-6606.0	2484	9.4	140612.0	-6622.0
2305	9.8	133507.5	-6655.0	2395	9.2	135011.0	-6653.2	2485	10.0	140616.0	-6653.3
2306	9.0	133531.0	-6611.0	2396	9.4	135016.0	-6609.8	2486	9.0	140620.0	-6618.9
2307	9.9	133545.0	-6656.2	2397	9.6	135016.5	-6626.4	2487	9.9	140632.0	-6634.9
2308	9.8	133558.0	-6655.2	2398	8.9	135034.0	-6640.0	2488	9.8	140635.0	-6636.5
2309	7.6	133611.0	-6607.6	2399	9.9	135035.0	-6656.1	2489	9.8	140645.0	-6624.9
2310	9.8	133645.0	-6651.8	2400	8.0	135041.5	-6653.7	2490	5.7	140645.8	-6600.2
2311	9.9	133715.5	-6608.4	2401	9.6	135049.5	-6629.8	2491	8.8	140651.0	-6634.9
2312	9.9	133729.5	-6642.9	2402	9.4	135102.0	-6656.1	2492	9.8	140712.0	-6605.1
2313	9.9	133736.3	-6651.5	2403	9.6	135108.0	-6645.9	2493	8.8	140712.0	-6633.3
2314	8.8	133741.0	-6607.6	2404	9.9	135146.5	-6637.0	2494	9.8	140716.5	-6627.7
2315	9.9	133800.5	-6651.1	2405	8.4	135156.0	-6612.3	2495	10.0	140725.5	-6658.9
2316	9.8	133809.0	-6649.2	2406	8.8	135233.0	-6634.2	2496	10.0	140727.5	-6605.9
2317	9.9	133819.8	-6659.0	2407	8.7	135239.0	-6624.7	2497	9.4	140728.5	-6604.9
2318	9.8	133820.0	-6637.1	2408	8.6	135244.0	-6655.7	2498	9.6	140736.0	-6633.3
2319	9.4	133822.5	-6653.1	2409	9.7	135244.0	-6642.5	2499	9.6	140746.0	-6620.9
2320	9.6	133826.0	-6659.0	2410	9.6	135248.5	-6611.3	2500	9.4	140752.0	-6659.4
2321	9.9	133849.0	-6613.2	2411	8.1	135251.0	-6610.9	2501	10.0	140821.5	-6600.0
2322	9.8	133849.0	-6611.2	2412	9.4	135252.0	-6641.9	2502	9.7	140837.5	-6629.6
2323	9.8	133852.3	-6618.0	2413	9.0	135257.0	-6642.6	2503	9.9	140852.5	-6653.4
2324	9.2	133852.5	-6648.5	2414	9.8	135321.0	-6651.1	2504	9.6	140904.0	-6607.0
2325	9.0	133911.0	-6649.7	2415	9.4	135341.8	-6601.8	2505	8.0	140940.0	-6613.3
2326	10.0	133917.0	-6658.5	2416	9.4	135347.0	-6639.3	2506	9.9	141000.5	-6621.9
2327	9.8	133932.8	-6649.0	2417	9.5	135350.5	-6622.8	2507	9.2	141006.0	-6611.4
2328	9.2	133942.7	-6641.1	2418	9.4	135358.0	-6654.0	2508	10.0	141033.0	-6637.9
2329	10.0	133954.0	-6639.0	2419	8.1	135404.5	-6607.8	2509	8.9	141034.0	-6633.5
2330	9.5	134008.5	-6641.8	2420	10.0	135417.5	-6654.0	2510	10.0	141034.5	-6636.1
2331	8.5	134018.7	-6621.5	2421	9.6	135427.5	-6618.9	2511	8.7	141144.5	-6608.8
2332	10.0	134024.5	-6602.7	2422	10.0	135440.0	-6640.4	2512	10.0	141201.0	-6638.6
2333	9.8	134026.0	-6613.6	2423	9.2	135457.0	-6651.9	2513	9.1	141212.0	-6632.9
2334	9.1	134034.7	-6625.3	2424	9.7	135509.0	-6650.8	2514	8.8	141235.5	-6633.7
2335	10.0	134039.5	-6643.8	2425	10.0	135511.0	-6620.6	2515	9.2	141236.5	-6641.5
2336	9.4	134039.7	-6635.3	2426	9.8	135517.0	-6658.9	2516	8.8	141245.5	-6600.3
2337	10.0	134040.5	-6633.1	2427	9.9	135525.0	-6600.8	2517	9.4	141311.5	-6614.1
2338	8.8	134102.5	-6611.9	2428	9.4	135533.5	-6649.5	2518	8.6	141320.0	-6603.5
2339	9.8	134104.0	-6634.9	2429	9.6	135556.5	-6648.9	2519	7.3	141331.0	-6604.4
2340	9.4	134107.0	-6640.9	2430	9.8	135602.0	-6651.5	2520	9.9	141340.0	-6614.0
2341	9.4	134117.0	-6643.6	2431	10.0	135608.0	-6645.1	2521	9.8	141349.0	-6606.9
2342	9.7	134119.0	-6620.4	2432	9.4	135614.5	-6642.0	2522	9.6	141350.0	-6613.7
2343	9.9	134122.0	-6640.9	2433	9.9	135617.0	-6609.9	2523	9.5	141406.5	-6627.9
2344	9.5	134123.5	-6619.7	2434	10.0	135623.0	-6654.0	2524	10.0	141409.0	-6613.7
2345	8.8	134138.0	-6605.1	2435	9.4	135624.5	-6640.5	2525	9.6	141414.5	-6618.3
2346	10.0	134143.0	-6658.5	2436	9.3	135625.5	-6653.0	2526	9.8	141414.5	-6653.1
2347	9.9	134143.5	-6627.9	2437	9.4	135636.5	-6641.6	2527	9.9	141417.0	-6642.9
2348	9.2	134150.0	-6611.9	2438	9.8	135641.5	-6651.1	2528	9.2	141526.2	-6656.6
2349	10.0	134158.5	-6631.3	2439	9.4	135644.8	-6600.0	2529	9.4	141539.0	-6603.8
2350	9.7	134232.5	-6639.6	2440	9.9	135705.3	-6658.9	2530	8.4	141555.5	-6655.2
2351	10.0	134241.5	-6655.1	2441	9.4	135711.0	-6652.9	2531	9.8	141620.5	-6621.9
2352	9.4	134244.0	-6615.8	2442	9.8	135713.5	-6650.6	2532	9.9	141633.5	-6655.9
2353	9.4	134255.3	-6601.9	2443	9.6	135721.0	-6655.9	2533	9.0	141634.5	-6650.7
2354	9.9	134257.5	-6615.6	2444	9.5	135722.5	-6649.9	2534	10.0	141648.0	-6645.9
2355	9.8	134309.0	-6606.5	2445	10.0	135726.0	-6637.6	2535	10.0	141649.5	-6605.0
2356	9.4	134322.0	-6629.3	2446	9.8	135731.8	-6657.1	2536	10.0	141702.5	-6621.1
2357	9.8	134324.0	-6634.4	2447	9.8	135741.5	-6644.9	2537	10.0	141705.0	-6621.2
2358	9.9	134329.0	-6641.9	2448	10.0	135747.0	-6604.9	2538	7.0	141706.0	-6600.2
2359	10.0	134337.5	-6634.7	2449	9.4	135753.0	-6648.9	2539	9.2	141721.0	-6630.8
2360	9.9	134351.5	-6641.0	2450	9.9	135754.5	-6631.0	2540	9.5	141800.5	-6635.3
2361	9.9	134354.5	-6638.9	2451	9.2	135822.5	-6627.5	2541	9.4	141803.5	-6654.4
2362	9.2	134413.0	-6604.0	2452	10.0	135830.5	-6648.8	2542	9.9	141814.5	-6601.4
2363	9.9	134415.5	-6628.6	2453	9.9	135844.0	-6639.0	2543	9.5	141824.3	-6631.5
2364	9.2	134429.0	-6609.9	2454	9.9	135848.0	-6643.5	2544	9.4	141828.8	-6658.1
2365	10.0	134434.0	-6646.9	2455	10.0	135854.5	-6603.5	2545	9.0	141830.0	-6631.3
2366	10.0	134441.0	-6656.7	2456	9.4	135934.5	-6607.0	2546	9.0	141837.5	-6609.4
2367	9.1	134443.0	-6629.3	2457	10.0	135935.5	-6640.1	2547	9.2	141842.3	-6620.9
2368	9.9	134454.0	-6658.2	2458	8.8	135939.0	-6630.5	2548	10.0	141933.5	-6626.1
2369	9.5	134500.5	-6618.6	2459	9.4	135953.5	-6649.3	2549	9.5	142010.8	-6633.8
2370	8.4	134515.5	-6616.9	2460	9.9	140023.5	-6608.6	2550	10.0	142027.3	-6616.9
2371	8.8	134519.0	-6616.7	2461	10.0	140049.0	-6625.0	2551	9.8	142034.5	-6646.3
2372	9.4	134539.0	-6638.9	2462	10.0	140049.0	-6627.9	2552	9.8	142041.7	-6648.0
2373	9.8	134541.0	-6613.8	2463	8.2	140050.5	-6600.5	2553	9.2	142056.0	-6626.2
2374	10.0	134552.0	-6644.8	2464	9.4	140053.0	-6605.0	2554	10.0	142138.5	-6628.4
2375	9.3	134601.5	-6618.0	2465	9.9	140141.0	-6656.2	2555	9.4	142154.0	-6607.4
2376	10.0	134603.5	-6657.7	2466	9.7	140141.5	-6603.1	2556	9.2	142200.5	-6600.2
2377	9.8	134609.5	-6617.1	2467	9.3	140145.0	-6631.9	2557	9.4	142252.0	-6605.5
2378	9.6	134612.5	-6618.6	2468	9.9	140146.8	-6658.8	2558	8.1	142255.0	-6637.9
2379	9.4	134628.5	-6611.9	2469	9.6	140148.0	-6647.0	2559	9.8	142256.0	-6627.5
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2381	9.2	134639.0	-6633.3	2471	9.6	140219.0	-6642.9	2561	9.0	142323.5	-6633.5
2382	10.0	134640.5	-6632.5	2472	9.9	140238.5	-6614.9	2562	8.9	142328.5	-6631.6
2383	10.0	134712.0	-6641.4	2473	9.8	140253.5	-6658.7	2563	9.3	142333.0	-6601.6
2384	9.4	134721.0	-6623.8	2474	9.7	140257.0	-6626.6	2564	9.4	142418.5	-6616.6
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2386	10.0	134732.0	-6640.1	2476	8.9	140327.0	-6605.6	2566	9.6	142512.2	-6658.7
2387	9.2	134801.0	-6612.0	2477	9.1	140329.5	-6639.4	2567	9.0	142523.0	-6609.2
2388	9.4	134803.0	-6606.1	2478	9.0	140342.5	-6621.6	2568	9.6	142538.0	-6617.6
2389	10.0	134819.0	-6655.9	2479	9.6	140404.0	-6653.9	2569	9.6	142541.5	-6604.2
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2391	9.9	134834.0	-6634.9	2481	9.6	140443.0	-6641.5	2571	9.0	142547.0	-6628.0
2572	9.7	142554.0	-6603.9								
2573	8.8	142621.0	-6607.8								
2574	9.4	142632.5	-6613.5								
2575	9.3	142637.5	-6605.0								
2576	9.6	142640.5	-6627.7								
2577	9.7	142641.0	-6640.8								
2578	9.9	142646.0	-6631.1								
2579	9.3	142656.5	-6611.6								
2580	9.2	142657.0	-6626.9								
2581	10.0	142658.5	-6611.7								
2582	9.8	142700.5	-6617.2								
2583	9.9	142702.5	-6654.4								
2584	9.3	142703.0	-6617.4								
2585	9.6	142703.0	-6609.3								
2586	10.0	142708.0	-6606.2								
2587	9.4	142709.5	-6625.9								
2588	8.4	142733.0	-6646.9								
2589	9.6	142734.0	-6633.2								
2590	10.0	142744.0	-6651.0								
2591	9.9	142854.0	-6612.2								
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2593	9.6	142912.0	-6637.1								
2594	9.3	142915.0	-6615.2								
2595	9.9	142943.0	-6635.2								
2596	10.0	142951.5	-6633.4								
2597	8.6	143000.5	-6616.4								
2598	8.8	143012.0	-6603.8								
2599	10.0	143013.0	-6600.1								
2600	8.0	143022.5	-6624.1								
2601	9.6	143024.0	-6627.9								
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2607	9.4	143056.0	-6603.4								
2608	9.6	143105.5	-6615.2								
2609	9.7	143106.5	-6604.7								
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2611	9.6	143123.0	-6638.8								
2612	9.2	143128.5	-6654.4								
2613	9.6	143141.5	-6614.1								
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2615	10.0	143227.0	-6624.8								
2616	8.5	143255.0	-6614.5								
2617	9.4	143317.5	-6610.1								
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2621	10.0	143359.5	-6622.1								
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2624	9.7	143442.0	-6639.9								
2625	9.4	143444.0	-6625.1								
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2627	9.9	143539.0	-6644.2								
2628	9.8	143549.5	-6605.1								
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2630	10.0	143602.0	-6609.3								
2631	10.0	143608.5	-6656.1								
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2636	9.2	143714.0	-6605.3								
2637	9.7	143716.5	-6613.4								
2638	9.9	143720.0	-6611.2								
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2649	9.6	143902.0	-6632.7								
2650	9.2	143910.5	-6620.1								
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2652	8.3	143944.0	-6658.5								
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2656	8.9	144120.0	-6633.0								
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2658	10.0	144207.0	-6603.4								
2659	9.0	144228.0	-6605.7								
2660	8.9	144236.5	-6602.7								
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2662	9.2	144306.0	-6618.8	2752	8.4	150828.0	-6643.8	2842	9.4	154249.0	-6631.9
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2666	9.8	144408.0	-6602.4	2756	9.6	150906.5	-6604.7	2846	9.6	154401.0	-6624.0
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2668	9.8	144430.5	-6607.2	2758	9.4	150928.5	-6658.0	2848	9.0	154432.0	-6628.6
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2671	9.9	144449.5	-6620.7	2761	10.0	151005.0	-6621.7	2851	8.3	154546.5	-6646.0
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2674	9.9	144510.0	-6619.6	2764	8.5	151113.0	-6608.4	2854	9.7	154644.0	-6627.0
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2677	9.6	144603.5	-6608.2	2767	8.8	151158.5	-6652.0	2857	9.2	154727.0	-6653.7
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2679	9.6	144644.0	-6643.2	2769	9.2	151222.5	-6649.4	2859	8.9	154750.0	-6618.5
2680	9.6	144656.5	-6630.4	2770	9.7	151226.5	-6615.1	2860	9.2	154811.8	-6658.0
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2685	10.0	144858.5	-6633.9	2775	8.9	151433.5	-6625.0	2865	9.2	154922.0	-6648.4
2686	9.2	144906.0	-6652.0	2776	9.4	151502.3	-6657.5	2866	8.9	154930.5	-6629.2
2687	9.7	144923.0	-6651.2	2777	9.9	151510.0	-6613.1	2867	9.6	154942.5	-6619.6
2688	10.0	144924.0	-6609.9	2778	9.6	151734.0	-6603.1	2868	9.6	154959.5	-6633.1
2689	10.0	144935.5	-6647.0	2779	9.9	151741.1	-6622.3	2869	9.4	155007.5	-6609.5
2690	9.4	145038.5	-6638.7	2780	9.8	151816.0	-6604.2	2870	9.7	155008.5	-6603.3
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2695	9.4	145128.0	-6601.0	2785	9.7	152051.5	-6611.5	2875	8.8	155052.5	-6611.9
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2697	9.3	145136.0	-6606.7	2787	9.5	152129.5	-6625.2	2877	8.3	155130.0	-6615.8
2698	9.7	145136.5	-6615.9	2788	9.5	152134.7	-6601.4	2878	9.4	155130.5	-6639.2
2699	8.6	145142.0	-6648.7	2789	7.9	152158.5	-6654.5	2879	9.4	155144.0	-6623.9
2700	9.6	145150.0	-6655.1	2790	9.0	152213.0	-6656.8	2880	9.6	155154.0	-6606.7
2701	9.3	145250.0	-6645.5	2791	9.4	152227.0	-6606.2	2881	9.6	155220.0	-6639.9
2702	8.8	145254.0	-6619.0	2792	8.6	152232.5	-6630.3	2882	9.5	155259.0	-6634.9
2703	9.3	145312.5	-6618.3	2793	9.6	152305.0	-6601.3	2883	8.8	155259.5	-6605.3
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2705	10.0	145333.0	-6641.9	2795	9.9	152441.5	-6615.2	2885	9.7	155411.5	-6651.9
2706	9.4	145353.5	-6645.5	2796	8.8	152500.5	-6607.4	2886	9.3	155429.0	-6651.8
2707	9.3	145358.0	-6601.5	2797	9.6	152510.5	-6659.3	2887	9.3	155435.5	-6611.9
2708	9.9	145431.5	-6646.0	2798	8.6	152515.5	-6607.5	2888	9.6	155528.5	-6640.6
2709	8.4	145437.0	-6620.5	2799	9.3	152519.0	-6652.3	2889	9.1	155530.0	-6640.9
2710	10.0	145516.5	-6618.4	2800	9.3	152611.5	-6640.5	2890	9.5	155541.0	-6614.4
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2712	10.0	145534.5	-6631.7	2802	9.4	152619.5	-6640.4	2892	8.3	155544.5	-6655.5
2713	9.9	145553.5	-6613.8	2803	9.3	152625.5	-6607.1	2893	9.4	155555.0	-6648.2
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2715	9.2	145636.0	-6634.2	2805	9.8	152738.0	-6641.2	2895	9.6	155628.5	-6600.9
2716	9.4	145654.0	-6617.9	2806	8.4	152756.5	-6605.5	2896	9.7	155628.5	-6657.5
2717	9.6	145708.5	-6633.8	2807	10.0	152832.5	-6654.1	2897	9.4	155634.5	-6652.9
2718	9.9	145712.8	-6607.8	2808	9.2	152849.5	-6608.1	2898	9.4	155644.5	-6652.1
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2721	8.7	145731.0	-6658.5	2811	10.0	152925.0	-6607.1	2901	8.8	155826.0	-6628.2
2722	9.4	145751.5	-6620.2	2812	9.0	152958.5	-6610.8	2902	9.1	155851.0	-6654.9
2723	8.2	145753.0	-6606.9	2813	9.4	153043.0	-6626.1	2903	9.7	155854.0	-6656.9
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2725	7.6	145824.0	-6636.0	2815	8.4	153216.0	-6607.0	2905	9.7	155902.2	-6602.4
2726	9.3	145849.8	-6610.8	2816	10.0	153229.0	-6659.7	2906	9.4	155920.5	-6638.5
2727	9.6	145904.0	-6614.2	2817	9.4	153258.0	-6640.1	2907	9.3	155949.0	-6618.3
2728	9.2	145908.5	-6646.2	2818	9.2	153258.5	-6626.9	2908	9.4	160015.5	-6640.3
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2730	9.2	145941.8	-6637.0	2820	9.6	153322.0	-6636.1	2910	9.7	160133.5	-6611.2
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2732	9.2	145948.3	-6605.0	2822	9.8	153511.5	-6635.1	2912	9.0	160208.5	-6621.0
2733	8.0	150045.5	-6632.6	2823	9.8	153516.5	-6627.2	2913	9.6	160234.5	-6659.0
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2735	9.2	150137.0	-6652.0	2825	9.6	153616.0	-6627.1	2915	9.6	160326.0	-6639.8
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2737	8.5	150201.5	-6654.2	2827	9.6	153702.5	-6635.9	2917	9.5	160351.2	-6649.4
2738	9.5	150202.0	-6642.8	2828	9.7	153704.5	-6647.1	2918	9.2	160417.5	-6646.0
2739	10.0	150256.0	-6653.0	2829	9.7	153742.5	-6611.7	2919	8.8	160459.5	-6655.6
2740	9.4	150332.0	-6619.2	2830	9.4	153754.3	-6658.6	2920	8.8	160521.0	-6601.2
2741	8.8	150352.0	-6625.1	2831	8.7	153756.5	-6647.4	2921	9.7	160542.2	-6601.0
2742	9.7	150441.0	-6615.0	2832	9.0	153812.0	-6606.1	2922	9.2	160608.5	-6610.6
2743	10.0	150454.5	-6629.2	2833	9.3	153845.0	-6632.9	2923	9.0	160634.0	-6647.8
2744	10.0	150510.0	-6621.9	2834	9.6	153858.0	-6608.5	2924	9.7	160635.0	-6641.7
2745	9.2	150609.0	-6607.0	2835	9.6	153926.0	-6643.5	2925	9.7	160653.2	-6656.6
2746	9.2	150613.0	-6607.2	2836	9.3	154012.5	-6639.9	2926	9.6	160702.5	-6614.6
2747	9.2	150631.5	-6604.4	2837	9.0	154114.2	-6614.9	2927	9.2	160712.0	-6631.3
2748	8.8	150741.0	-6633.0	2838	9.4	154131.0	-6604.0	2928	9.2	160819.2	-6614.3
2749	9.2	150752.5	-6603.8	2839	9.3	154140.0	-6608.7	2929	9.2	160911.0	-6629.4
2750	8.9	150803.0	-6638.2	2840	9.7	154145.5	-6642.1	2930	9.7	160924.2	-6601.0
2751	9.9	150813.8	-6653.5	2841	9.4	154220.0	-6622.2	2931	9.1	160928.5	-6642.8

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2932	9.3	160933.2	-6614.5	2942	9.3	161130.0	-6650.2	3002	9.7	163124.5	-6605.2
2933	9.3	160955.0	-6658.0	2943	9.1	161135.0	-6624.7	3003	8.9	163128.5	-6602.9
2934	9.2	160957.5	-6612.8	2944	9.6	161204.5	-6633.4	3004	9.7	163136.5	-6639.4
2935	9.3	161026.5	-6641.1	2945	9.6	161210.0	-6612.9	3005	8.7	163258.0	-6615.2
2936	9.3	161027.5	-6633.8	2946	9.7	161247.5	-6650.2	3006	9.7	163312.5	-6622.1
2937	9.6	161034.5	-6638.0	2947	9.3	161309.0	-6610.2	3007	9.0	163318.5	-6647.2
2938	9.6	161035.2	-6614.0	2948	9.0	161311.5	-6644.4	3008	9.6	163359.0	-6638.0
2939	9.7	161041.0	-6603.0	2949	8.6	161332.0	-6623.7	3009	5.7	163404.0	-6652.4
2940	7.3	161041.0	-6635.0	2950	9.7	161335.0	-6629.4	3010	9.7	163418.5	-6611.5
2941	8.8	161052.0	-6635.0	2951	9.1	161401.0	-6612.0	3011	8.9	163426.0	-6604.2
2942	9.3	161130.0	-6650.2	2952	9.3	161434.5	-6658.4	3012	8.8	163429.5	-6634.6
2943	9.1	161135.0	-6624.7	2953	9.7	161450.8	-6603.9	3013	9.0	163448.5	-6638.6
2944	9.6	161204.5	-6633.4	2954	8.6	161521.0	-6602.9	3014	9.7	163506.0	-6634.4
2945	9.6	161210.0	-6612.9	2955	9.1	161535.0	-6617.1	3015	9.7	163525.0	-6609.4
2946	9.7	161247.5	-6650.2	2956	9.0	161543.5	-6604.8	3016	9.0	163555.0	-6633.2
2947	9.3	161309.0	-6610.2	2957	9.6	161545.5	-6627.4	3017	8.4	163608.5	-6651.1
2948	9.0	161311.5	-6644.4	2958	9.3	161611.5	-6644.6	3018	9.7	163659.5	-6612.2
2949	8.6	161332.0	-6623.7	2959	9.4	161630.5	-6603.3	3019	7.9	163734.0	-6647.9
2950	9.7	161335.0	-6629.4	2960	9.3	161701.0	-6654.7	3020	9.3	163758.5	-6648.2
2951	9.1	161401.0	-6612.0	2961	9.6	161736.0	-6635.0	3021	9.2	163836.5	-6633.0
2962	9.6	161742.0	-6630.0								
2963	9.0	161747.0	-6635.5								
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2965	9.6	161811.0	-6620.6								
2966	9.3	161836.0	-6628.0								
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2968	9.1	161842.0	-6626.0								
2969	9.7	161908.8	-6628.1								
2970	8.8	161915.0	-6645.3								
2971	9.1	161922.3	-6656.1								
2972	9.0	161952.8	-6644.6								
2973	9.0	162037.8	-6635.4								
2974	9.7	162120.5	-6646.0								
2975	9.0	162136.2	-6606.0								
2976	9.2	162258.0	-6640.0								
2977	9.0	162303.5	-6650.7								
2978	8.7	162319.5	-6651.5								
2979	9.7	162329.0	-6602.4								
2980	7.7	162406.0	-6644.2								
2981	9.0	162419.0	-6616.1								
2982	8.5	162419.5	-6643.1								
2983	9.0	162438.5	-6642.7								
2984	9.6	162439.0	-6644.8								
2985	9.7	162519.5	-6658.7								
2986	9.2	162527.5	-6611.5								
2987	9.5	162537.3	-6600.3								
2988	9.0	162602.5	-6645.6								
2989	8.8	162613.0	-6617.0								
2990	8.7	162617.0	-6640.0								
2991	8.2	162641.5	-6650.9								
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2993	9.2	162817.0	-6622.5								
2994	8.9	162821.5	-6601.6								
2995	9.2	162833.5	-6648.2								
2996	9.2	162842.5	-6609.4								
2997	9.7	162858.5	-6632.1								
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2999	9.7	162953.5	-6638.7								
3000	9.7	163028.0	-6634.7								
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3022	9.5	163839.5	-6628.2	3112	9.9	171540.5	-6629.6	3202	9.0	174915.9	-6622.3
3023	8.9	163840.0	-6631.9	3113	9.5	171554.7	-6658.0	3203	10.2	174917.5	-6601.2
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3026	9.5	164032.0	-6640.1	3116	7.2	171735.0	-6645.6	3206	8.8	175003.4	-6605.2
3027	8.9	164033.0	-6625.0	3117	9.6	171820.0	-6603.8	3207	9.6	175011.9	-6617.5
3028	9.7	164050.5	-6622.1	3118	9.6	172005.0	-6653.4	3208	10.3	175016.9	-6609.2
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3031	9.5	164151.5	-6631.1	3121	8.9	172108.0	-6658.2	3211	8.0	175044.9	-6631.7
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3033	9.2	164204.5	-6632.2	3123	8.8	172243.0	-6647.8	3213	9.8	175102.9	-6626.6
3034	8.9	164206.0	-6616.6	3124	8.2	172315.0	-6646.2	3214	10.3	175119.9	-6604.2
3035	9.7	164221.0	-6636.2	3125	9.9	172409.5	-6630.2	3215	9.8	175143.4	-6648.3
3036	8.6	164241.0	-6605.6	3126	8.5	172417.0	-6604.2	3216	10.0	175217.7	-6650.0
3037	8.5	164256.0	-6653.2	3127	8.4	172441.0	-6626.0	3217	10.3	175224.7	-6656.5
3038	8.5	164404.7	-6657.3	3128	9.8	172531.5	-6632.0	3218	9.4	175227.7	-6606.0
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3040	9.6	164502.0	-6600.6	3130	9.0	172605.5	-6636.4	3220	9.5	175251.7	-6620.2
3041	8.7	164529.5	-6638.6	3131	9.9	172910.5	-6602.7	3221	9.7	175257.2	-6619.2
3042	8.7	164533.5	-6656.9	3132	9.5	172919.3	-6601.9	3222	9.2	175309.7	-6631.7
3043	8.7	164550.5	-6650.5	3133	8.4	173052.0	-6644.2	3223	10.3	175317.2	-6659.3
3044	9.3	164550.5	-6617.9	3134	9.5	173252.5	-6625.0	3224	10.2	175320.2	-6638.4
3045	8.9	164555.0	-6626.4	3135	9.2	173401.0	-6603.0	3225	9.8	175327.7	-6645.5
3046	9.7	164640.5	-6640.0	3136	7.6	173524.7	-6608.9	3226	10.2	175335.7	-6639.6
3047	9.0	164719.0	-6600.9	3137	8.5	173708.2	-6644.9	3227	9.7	175403.2	-6655.4
3048	9.5	164721.5	-6606.6	3138	10.3	173847.9	-6656.6	3228	10.3	175412.2	-6621.7
3049	8.6	164830.0	-6618.9	3139	10.3	173854.9	-6637.9	3229	10.2	175423.2	-6621.9
3050	9.0	164902.5	-6651.9	3140	10.3	173903.9	-6637.9	3230	9.9	175428.2	-6618.3
3051	8.6	164929.5	-6613.3	3141	10.2	173942.4	-6606.9	3231	10.3	175439.7	-6657.3
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3054	9.2	165033.0	-6636.8	3144	9.7	174013.9	-6647.7	3234	9.6	175547.2	-6602.8
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3057	9.3	165308.5	-6615.2	3147	9.4	174025.5	-6600.2	3237	9.6	175554.7	-6616.4
3058	9.3	165326.0	-6631.9	3148	9.5	174050.7	-6658.8	3238	9.5	175556.2	-6644.0
3059	9.3	165403.5	-6613.6	3149	9.6	174057.4	-6629.3	3239	10.0	175556.7	-6643.6
3060	8.9	165506.5	-6636.8	3150	10.2	174101.9	-6624.9	3240	9.9	175601.2	-6608.2
3061	9.0	165610.5	-6654.0	3151	10.0	174137.4	-6607.7	3241	9.9	175613.7	-6605.4
3062	9.7	165629.5	-6630.8	3152	8.5	174146.0	-6603.8	3242	9.4	175617.2	-6641.9
3063	8.7	165634.0	-6638.0	3153	10.3	174155.4	-6616.9	3243	9.5	175619.7	-6601.4
3064	9.0	165648.0	-6601.6	3154	10.3	174157.4	-6619.1	3244	10.2	175634.2	-6621.6
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3066	9.8	165705.0	-6632.0	3156	10.2	174219.9	-6616.9	3246	10.2	175643.2	-6610.8
3067	9.6	165706.5	-6622.2	3157	10.3	174247.4	-6620.5	3247	10.0	175644.2	-6607.5
3068	9.2	165730.5	-6646.0	3158	9.9	174248.4	-6605.5	3248	8.8	175714.7	-6637.5
3069	8.8	165744.5	-6655.9	3159	10.3	174308.4	-6619.5	3249	10.0	175717.2	-6616.5
3070	8.8	165946.8	-6626.8	3160	10.3	174309.4	-6637.8	3250	10.2	175718.2	-6609.3
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3072	9.5	170036.0	-6602.4	3162	9.1	174313.7	-6630.0	3252	10.3	175726.2	-6651.9
3073	9.0	170046.8	-6655.0	3163	9.9	174314.9	-6629.7	3253	10.3	175813.2	-6654.6
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3075	9.6	170251.0	-6624.5	3165	9.6	174353.4	-6600.2	3255	8.9	175833.7	-6645.4
3076	9.2	170255.5	-6603.4	3166	9.4	174356.5	-6643.6	3256	9.5	175853.3	-6626.0
3077	9.0	170314.5	-6626.2	3167	8.4	174423.9	-6610.1	3257	10.3	175901.3	-6620.2
3078	9.2	170337.0	-6637.0	3168	9.8	174426.9	-6638.3	3258	10.3	175905.3	-6654.3
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3080	7.6	170440.0	-6648.0	3170	10.0	174446.4	-6639.9	3260	9.2	175917.8	-6632.0
3081	9.0	170445.0	-6612.0	3171	10.0	174510.4	-6606.0	3261	10.3	175927.8	-6633.2
3082	9.5	170505.0	-6604.5	3172	10.2	174517.4	-6657.2	3262	9.6	175928.3	-6628.4
3083	9.6	170511.5	-6603.0	3173	10.0	174525.9	-6653.8	3263	10.3	175937.3	-6654.3
3084	9.8	170600.5	-6602.0	3174	10.0	174540.4	-6620.8	3264	10.0	180008.3	-6606.8
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3092	9.6	170921.5	-6603.6	3182	9.5	174707.4	-6648.9	3272	10.2	180109.3	-6622.1
3093	9.3	170931.5	-6615.8	3183	10.3	174711.9	-6622.4	3273	9.4	180110.3	-6610.3
3094	9.2	170951.5	-6615.3	3184	9.7	174722.4	-6607.9	3274	8.8	180137.8	-6642.8
3095	8.8	170952.0	-6608.2	3185	10.0	174724.4	-6621.3	3275	9.9	180138.3	-6626.5
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3101	8.6	171111.0	-6609.0	3191	10.2	174801.4	-6620.1	3281	8.4	180215.3	-6650.5
3102	9.8	171113.5	-6650.0	3192	10.3	174804.9	-6609.8	3282	9.8	180217.3	-6627.6
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3104	9.9	171234.0	-6624.3	3194	10.3	174824.4	-6650.8	3284	9.0	180238.3	-6615.5
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3110	8.9	171429.0	-6644.6	3200	9.2	174901.4	-6633.1	3290	10.0	180411.8	-6656.9
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3293	9.8	180435.8	-6632.9								
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3296	9.4	180544.0	-6636.3								
3297	10.2	180612.0	-6616.0								
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3304	9.4	180721.5	-6616.0								
3305	10.2	180722.0	-6614.5								
3306	10.3	180740.5	-6625.7								
3307	9.2	180748.0	-6607.3								
3308	10.3	180751.0	-6645.9								
3309	9.6	180753.0	-6602.4								
3310	9.0	180756.0	-6613.0								
3311	9.4	180802.5	-6610.3								
3312	10.3	180810.5	-6602.0								
3313	9.4	180816.0	-6622.2								
3314	10.2	180825.0	-6631.4								
3315	9.6	180826.5	-6607.9								
3316	10.3	180827.5	-6620.3								
3317	8.9	180838.5	-6601.1								
3318	9.2	180849.5	-6643.0								
3319	9.9	180852.5	-6647.4								
3320	10.2	180913.5	-6608.5								
3321	8.7	180949.5	-6609.2								
3322	9.9	180949.5	-6617.7								
3323	10.0	180951.5	-6623.8								
3324	10.3	180952.0	-6643.2								
3325	10.3	181006.0	-6611.3								
3326	10.2	181028.0	-6657.7								
3327	9.8	181058.2	-6601.4								
3328	9.1	181107.0	-6644.1								
3329	10.3	181116.5	-6630.8								
3330	9.1	181126.5	-6640.3								
3331	8.6	181133.0	-6656.3								
3332	9.1	181147.0	-6653.2								
3333	9.7	181211.0	-6612.4								
3334	9.6	181246.5	-6639.0								
3335	10.3	181250.0	-6612.8								
3336	9.7	181251.8	-6608.7								
3337	10.2	181254.3	-6608.9								
3338	10.2	181255.8	-6607.2								
3339	9.0	181311.3	-6642.9								
3340	9.9	181334.3	-6632.3								
3341	10.2	181338.8	-6607.1								
3342	10.3	181346.8	-6650.4								
3343	10.2	181401.8	-6642.1								
3344	8.8	181412.3	-6616.6								
3345	10.3	181414.8	-6618.6								
3346	10.3	181418.8	-6659.1								
3347	9.6	181426.4	-6659.8								
3348	10.0	181430.8	-6650.8								
3349	9.9	181434.3	-6622.6								
3350	9.9	181435.3	-6623.3								
3351	10.3	181500.8	-6653.1								
3352	10.2	181508.3	-6610.0								
3353	9.0	181519.3	-6631.4								
3354	9.2	181554.8	-6622.8								
3355	9.7	181623.3	-6608.7								
3356	10.0	181629.9	-6658.1								
3357	9.1	181631.8	-6638.0								
3358	8.9	181651.4	-6654.6								
3359	10.2	181654.8	-6621.2								
3360	9.2	181703.3	-6641.0								
3361	10.3	181748.8	-6623.0								
3362	10.2	181808.8	-6606.4								
3363	8.2	181831.8	-6631.2								
3364	10.3	181838.8	-6622.2								
3365	10.2	181848.8	-6636.0								
3366	9.6	181849.8	-6650.5								
3367	10.3	181850.3	-6612.5								
3368	9.5	181850.3	-6609.5								
3369	10.0	181857.8	-6604.1								
3370	10.3	181911.8	-6649.7								
3371	9.8	181921.8	-6632.6								
3372	9.5	181928.8	-6605.0								
3373	10.3	181945.3	-6626.2								
3374	10.3	181957.8	-6641.1								
3375	10.2	182001.8	-6614.0								
3376	10.3	182018.3	-6636.3								
3377	10.2	182031.8	-6609.1								
3378	10.3	182039.8	-6659.0								
3379	9.9	182049.3	-6622.4								
3380	7.7	182131.2	-6621.7								
3381	8.7	182206.5	-6602.3								

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3382	8.5	182224.3	-6615.7	3472	8.9	195531.0	-6612.0	3562	10.4	211531.5	-6615.8	3652	9.6	221234.2	-6623.9
3383	8.3	182343.0	-6658.7	3473	8.9	195624.0	-6642.6	3563	8.8	211546.0	-6631.2	3653	9.4	221240.3	-6653.2
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3386	9.1	183021.5	-6624.5	3476	9.8	200031.0	-6649.0	3566	9.8	211710.0	-6649.7	3656	9.6	221303.0	-6648.8
3387	9.6	183023.0	-6617.9	3477	9.9	200553.5	-6612.0	3567	9.9	211810.0	-6646.8	3657	10.2	221331.7	-6637.0
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3389	9.6	183301.0	-6614.8	3479	9.9	200727.3	-6604.1	3569	9.3	212010.5	-6613.7	3659	9.8	221507.2	-6638.8
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3391	9.3	183342.5	-6646.2	3481	8.2	200856.5	-6651.3	3571	8.9	212220.5	-6621.5	3661	7.0	221536.4	-6615.1
3392	9.6	183420.5	-6649.4	3482	9.8	201023.5	-6650.0	3572	9.6	212306.0	-6650.2	3662	9.2	221552.6	-6645.7
3393	8.8	183502.5	-6613.0	3483	9.9	201043.5	-6624.0	3573	9.2	212357.5	-6647.7	3663	9.4	221621.7	-6633.4
3394	9.1	183544.0	-6609.2	3484	9.6	201134.0	-6618.2	3574	9.6	212432.5	-6615.5	3664	9.2	221626.9	-6618.1
3395	9.6	183648.0	-6636.1	3485	8.0	201216.5	-6634.3	3575	10.2	212447.0	-6619.5	3665	9.8	221714.3	-6624.5
3396	8.8	183659.0	-6622.7	3486	9.8	201218.3	-6611.6	3576	10.4	212829.5	-6620.9	3666	9.6	221754.3	-6649.8
3397	8.6	183813.5	-6654.8	3487	9.9	201244.5	-6600.1	3577	10.2	213312.5	-6643.9	3667	9.7	221802.2	-6635.1
3398	9.6	183941.0	-6658.2	3488	9.2	201425.5	-6640.2	3578	9.6	213401.5	-6601.3	3668	9.0	221835.3	-6642.9
3399	9.6	184116.0	-6639.1	3489	9.5	201443.0	-6615.0	3579	10.4	213422.0	-6618.5	3669	9.3	221913.4	-6613.5
3400	9.3	184130.0	-6649.0	3490	9.6	201802.0	-6648.4	3580	9.9	213437.0	-6651.6	3670	8.7	222029.8	-6651.7
3401	7.8	184438.5	-6628.8	3491	8.8	201832.2	-6616.1	3581	9.6	213510.0	-6647.8	3671	9.7	222037.5	-6633.7
3402	8.5	184547.5	-6603.7	3492	7.7	202036.7	-6613.8	3582	10.2	213706.0	-6651.7	3672	9.4	222100.4	-6635.5
3403	9.4	184653.5	-6630.8	3493	9.6	202124.5	-6626.3	3583	9.6	213722.5	-6656.6	3673	10.0	222101.3	-6653.2
3404	7.2	184721.0	-6648.8	3494	9.2	202422.5	-6609.7	3584	9.6	213735.0	-6639.0	3674	9.0	222109.5	-6601.8
3405	8.6	184819.5	-6634.0	3495	9.3	202622.5	-6622.8	3585	9.6	213826.5	-6642.3	3675	9.6	222114.0	-6635.1
3406	8.5	184829.5	-6620.6	3496	8.2	202654.0	-6657.4	3586	7.2	213851.0	-6604.8	3676	9.8	222131.5	-6650.2
3407	9.6	184915.5	-6629.4	3497	9.3	202738.5	-6653.0	3587	10.2	213921.5	-6638.3	3677	9.0	222233.5	-6634.9
3408	9.3	185120.0	-6603.6	3498	9.4	203137.0	-6620.8	3588	10.4	214014.3	-6642.7	3678	8.8	222313.5	-6647.8
3409	9.6	185131.0	-6602.1	3499	9.0	203230.5	-6608.8	3589	10.2	214032.7	-6600.8	3679	10.0	222340.5	-6633.8
3410	9.1	185132.0	-6627.4	3500	8.8	203310.5	-6656.6	3590	10.2	214116.0	-6629.9	3680	8.6	222353.5	-6604.2
3411	8.1	185545.3	-6635.5	3501	4.3	203339.0	-6638.8	3591	9.7	214139.7	-6607.4	3681	9.4	222635.0	-6645.7
3412	9.3	185735.3	-6603.3	3502	9.2	203444.0	-6636.9	3592	9.4	214204.6	-6620.1	3682	10.0	222640.5	-6643.7
3413	7.2	185900.7	-6604.3	3503	9.6	203711.0	-6620.8	3593	9.6	214342.8	-6634.1	3683	8.8	222648.0	-6603.9
3414	9.5	190122.5	-6636.7	3504	8.8	203848.0	-6601.0	3594	9.3	214405.0	-6601.8	3684	8.6	222727.0	-6645.2
3415	9.5	190131.0	-6623.7	3505	9.6	203901.5	-6607.8	3595	9.4	214418.0	-6602.8	3685	8.2	222821.0	-6630.1
3416	9.5	190407.0	-6657.6	3506	9.3	204024.0	-6610.2	3596	9.8	214443.3	-6623.5	3686	8.2	222850.0	-6612.8
3417	6.0	190437.0	-6652.4	3507	8.9	204058.5	-6659.6	3597	8.9	214445.2	-6658.0	3687	9.8	222956.0	-6617.9
3418	9.1	190518.0	-6611.8	3508	9.6	204148.5	-6643.7	3598	9.2	214510.1	-6609.7	3688	10.0	223008.5	-6635.4
3419	9.5	190710.0	-6629.0	3509	9.6	204215.5	-6641.3	3599	9.0	214556.6	-6644.6	3689	9.4	223122.5	-6633.0
3420	9.2	190821.5	-6606.8	3510	8.2	204435.5	-6637.0	3600	9.8	214608.1	-6602.7	3690	8.2	223140.0	-6625.7
3421	9.1	190849.0	-6630.8	3511	9.4	204606.5	-6623.8	3601	10.2	214635.0	-6630.8	3691	9.4	223150.5	-6606.0
3422	8.7	190903.0	-6656.9	3512	9.3	204935.5	-6632.8	3602	9.6	214847.6	-6609.2	3692	8.5	223151.0	-6621.3
3423	9.5	190927.0	-6632.2	3513	9.3	205010.5	-6601.0	3603	9.3	214912.1	-6609.1	3693	9.2	223205.0	-6647.9
3424	8.9	191000.5	-6609.6	3514	8.9	205405.5	-6644.6	3604	8.8	214926.6	-6640.5	3694	9.4	223232.0	-6649.6
3425	8.7	191009.0	-6623.7	3515	9.6	205526.5	-6642.0	3605	8.9	215038.9	-6651.9	3695	8.5	223238.5	-6611.4
3426	8.5	191023.5	-6648.7	3516	9.6	205635.5	-6611.9	3606	8.4	215104.3	-6624.3	3696	9.0	223303.5	-6613.9
3427	8.9	191027.5	-6621.9	3517	9.4	205644.8	-6610.4	3607	10.0	215150.6	-6641.8	3697	9.2	223322.3	-6659.0
3428	9.5	191044.0	-6659.5	3518	10.4	205705.5	-6640.4	3608	10.2	215207.9	-6614.0	3698	9.0	223529.0	-6652.9
3429	9.1	191048.0	-6640.1	3519	10.4	205802.5	-6658.2	3609	9.8	215216.6	-6604.2	3699	9.5	223531.0	-6601.0
3430	9.5	191101.0	-6635.1	3520	7.4	205819.5	-6617.8	3610	9.2	215258.4	-6619.7	3700	10.0	223533.0	-6625.1
3431	8.5	191247.0	-6642.7	3521	9.6	205844.5	-6641.4	3611	10.2	215321.7	-6635.8	3701	10.0	223545.0	-6659.5
3432	9.2	191336.3	-6658.9	3522	9.3	210040.8	-6607.9	3612	10.0	215330.5	-6600.6	3702	10.0	223628.0	-6619.4
3433	9.5	191453.0	-6614.2	3523	10.2	210041.0	-6648.8	3613	10.0	215507.8	-6625.8	3703	9.4	223633.0	-6615.1
3434	8.1	191505.0	-6621.8	3524	9.3	210052.0	-6650.9	3614	10.2	215545.1	-6636.0	3704	8.4	223633.5	-6648.3
3435	9.5	191507.0	-6645.9	3525	9.6	210053.0	-6646.4	3615	8.0	215634.3	-6616.3	3705	10.0	223655.5	-6641.8
3436	8.9	191704.0	-6652.9	3526	10.2	210056.5	-6651.0	3616	10.1	215701.1	-6634.3	3706	8.2	223705.0	-6645.2
3437	8.4	191902.0	-6648.3	3527	8.6	210107.8	-6647.3	3617	10.2	215713.3	-6657.6	3707	10.0	223753.0	-6623.1
3438	9.5	192340.0	-6640.9	3528	10.4	210115.5	-6648.4	3618	9.1	215748.2	-6629.3	3708	9.8	223805.0	-6607.0
3439	9.5	192341.0	-6640.3	3529	10.4	210220.5	-6636.8	3619	8.8	215804.2	-6620.2	3709	7.6	223910.5	-6613.0
3440	9.5	192438.5	-6604.2	3530	9.4	210253.0	-6648.8	3620	9.2	215819.1	-6639.3	3710	9.0	223946.0	-6602.6
3441	8.2	192440.5	-6602.3	3531	10.4	210336.5	-6656.9	3621	9.6	215837.0	-6642.3	3711	8.7	224003.8	-6657.2
3442	7.3	192619.5	-6611.2	3532	9.2	210358.5	-6644.8	3622	10.2	215904.0	-6656.5	3712	9.1	224125.5	-6643.6
3443	8.9	192634.0	-6649.7	3533	10.4	210415.5	-6623.6	3623	10.2	215928.7	-6621.2	3713	7.8	224142.0	-6642.6
3444	8.8	192702.5	-6619.9	3534	9.9	210432.5	-6644.2	3624	9.4	220013.2	-6658.4	3714	8.4	224223.0	-6622.6
3445	6.7	192729.7	-6657.6	3535	10.4	210435.5	-6604.0	3625	10.1	220051.0	-6647.5	3715	9.4	224232.0	-6624.5
3446	8.8	192851.5	-6650.7	3536	9.6	210452.0	-6640.0	3626	9.4	220055.1	-6631.6	3716	9.4	224239.5	-6626.7
3447	7.8	192930.5	-6608.0	3537	9.6	210523.0	-6612.8	3627	9.1	220118.5	-6607.9	3717	9.8	224319.0	-6621.0
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3449	9.2	193131.5	-6635.9	3539	10.4	210632.5	-6614.8	3629	10.1	220128.1	-6649.1	3719	9.8	224613.5	-6602.0
3450	7.9	193147.5	-6634.7	3540	10.4	210707.0	-6646.9	3630	8.1	220135.5	-6657.2	3720	9.0	224702.0	-6622.6
3451	9.2	193233.5	-6603.9	3541	9.6	210732.0	-6613.9	3631	9.6	220145.5	-6647.2	3721	9.7	224741.5	-6629.5
3452	8.7	193403.0	-6627.3	3542	10.3	210746.0	-6616.0	3632	9.3	220152.8	-6654.9	3722	9.4	224908.5	-6643.0
3453	9.5	193407.5	-6610.5	3543	9.0	210818.0	-6653.8	3633	9.6	220250.8	-6611.7	3723	10.0	225009.5	-6631.7
3454	8.9	193709.5	-6607.6	3544	10.2	210820.0	-6627.8	3634	10.2	220252.6	-6629.9	3724	7.8	225011.5	-6602.3
3455	8.5	193724.0	-6616.9	3545	9.0	210828.0	-6653.6	3635	10.2	220302.4	-6623.9	3725	8.8	225017.0	-6611.0
3456	7.9	193800.7	-6653.0	3546	10.2	210832.5	-6642.0	3636	10.0	220324.8	-6613.0	3726	9.2	225021.0	-6635.0
3457	9.2	193817.0	-6605.4	3547	9.2	210843.0	-6628.8	3637	8.4	220352.8	-6617.1	3727	9.5	225136.5	-6609.3
3458	9.2	193822.5	-6617.9	3548	10.4	210909.0	-6606.5	3638	9.0	220400.8	-6656.2	3728	9.7	225139.5	-6659.5
3459	8.9	193909.5	-6627.6	3549	10.0	210944.2	-6601.9	3639	9.4	220413.5	-6605.6	3729	10.0	225205.8	-6657.5
3460	9.0	193952.8	-6607.0	3550	10.2	210950.5	-6640.1	3640	9.0	220510.6	-6632.8	3730	10.0	225210.8	-6658.2
3461	9.3	194044.0	-6601.5	3551	9.6	211006.5	-6633.2	3641	10.0	220632.0	-6606.8	3731	10.0	225217.0	-6640.8
3462	9.3	194051.5	-6627.9	3552	10.2	211020.0	-6604.4	3642	9.3	220659.5	-6600.5	3732	8.2	225232.5	-6620.0
3463	9.2	194334.0	-6652.9	3553	10.0	211041.0	-6620.9	3643	10.2	220708.0	-6649.8	3733	10.0	225239.0	-6634.7
3464	9.5	194541.0	-6643.8	3554	9.2	211118.0	-6615.8	3644	9.6	220712.8	-6613.0	3734	9.8	225240.5	-6627.5
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3466	8.9	195024.0	-6625.8	3556	9.4	211151.5	-6620.8	3646	9.8	220827.8	-6614.9	3736	8.5	225355.5	-6641.0
3467	9.2	195040.0	-6609.7	3557	9.3	211311.5	-6600.5	3647	10.2	220829.0	-6644.8	3737	9.6	225444.0	-6647.8
3468	9.6	195252.5	-6641.0	3558	9.9	211335.0	-6655.6	3648	9.6	220847.5	-6649.9	3738	9.6	225548.2	-6646.9
3469	9.3	195344.0	-6647.2	3559	9.6	211353.0	-6656.7	3649	10.2	220915.3	-6615.6	3739	9.8	225552.0	-6658.7
3470	8.6	195427.5	-6609.6	3560	9.2	211410.0	-6609.4	3650	10.0	221042.1	-6637.3	3740	9.4	225739.0	-6634.2
3471	9.5	195429.5	-6614.6	3561	10.4	211425.0	-6643.6	3651	9.2	221049.0	-6649.3	3741	9.0	225758.5	-6600.9

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3742	9.4	225846.0	-6636.1	7	9.1	00403.9	-6703.6	97	9.5	12819.1	-6755.9	187	9.5	24500.5	-6703.3
3743	9.6	225920.2	-6625.9	8	10.0	00435.4	-6709.7	98	10.0	12909.6	-6744.0	188	7.6	24505.0	-6747.9
3744	10.1	230014.0	-6645.0	9	10.4	00556.4	-6707.7	99	9.9	12953.6	-6749.0	189	9.6	24632.0	-6748.5
3745	8.8	230101.2	-6653.3	10	10.4	00630.4	-6736.1	100	9.9	13014.6	-6746.5	190	9.5	24909.0	-6726.8
3746	9.4	230225.5	-6659.0	11	9.8	00706.9	-6717.0	101	10.2	13109.6	-6754.0	191	9.5	25001.5	-6705.1
3747	9.4	230227.1	-6601.0	12	10.0	00808.4	-6736.3	102	7.8	13123.0	-6746.5	192	8.6	25033.2	-6749.1
3748	9.6	230231.3	-6634.6	13	8.2	00945.4	-6737.1	103	9.2	13138.7	-6744.7	193	9.4	25406.0	-6713.0
3749	10.0	230331.5	-6622.6	14	10.4	01001.4	-6738.5	104	8.7	13214.5	-6721.8	194	8.5	25457.2	-6744.9
3750	9.4	230410.5	-6613.2	15	8.2	01029.4	-6723.1	105	9.7	13253.5	-6721.5	195	8.6	25601.0	-6721.4
3751	10.1	230417.0	-6618.8	16	8.2	01123.4	-6715.7	106	8.4	13329.1	-6743.0	196	10.2	25612.5	-6743.8
3752	10.1	230444.5	-6641.6	17	7.9	01147.4	-6703.3	107	8.6	13420.4	-6711.6	197	8.6	25630.2	-6752.2
3753	9.6	230500.5	-6626.6	18	8.9	01148.0	-6750.4	108	8.2	13648.5	-6752.0	198	8.8	25633.6	-6738.4
3754	9.1	230607.0	-6620.2	19	10.0	01152.4	-6733.6	109	9.7	13657.0	-6743.0	199	10.2	25800.7	-6752.8
3755	9.4	230635.0	-6634.2	20	9.8	01256.4	-6707.7	110	9.7	13713.7	-6749.0	200	9.4	25901.0	-6706.2
3756	9.1	230639.0	-6631.3	21	9.2	01505.9	-6736.8	111	9.6	13744.0	-6737.9	201	8.6	25911.6	-6735.6
3757	8.2	230653.0	-6653.8	22	8.7	01526.9	-6705.5	112	8.1	13848.5	-6728.2	202	9.6	30119.5	-6719.7
3758	8.8	230703.5	-6615.7	23	9.4	01538.9	-6710.6	113	8.6	13900.5	-6741.1	203	9.6	30431.5	-6705.0
3759	9.2	230811.5	-6618.6	24	9.6	01704.4	-6712.3	114	9.4	13928.8	-6718.3	204	9.6	30432.5	-6720.9
3760	9.4	230846.5	-6604.3	25	10.0	01735.9	-6733.2	115	9.7	13952.2	-6740.1	205	10.2	30544.8	-6758.4
3761	9.8	230909.0	-6641.0	26	10.4	01806.4	-6730.9	116	9.3	14007.5	-6712.8	206	10.2	30610.2	-6736.6
3762	8.6	230911.0	-6624.0	27	9.1	01858.4	-6710.2	117	9.3	14055.5	-6704.6	207	10.0	30618.7	-6753.7
3763	9.1	230918.0	-6653.7	28	9.8	02047.0	-6702.2	118	8.7	14330.8	-6709.2	208	9.6	30712.5	-6732.1
3764	9.4	230934.5	-6606.8	29	9.6	02205.6	-6708.6	119	9.2	14340.5	-6728.5	209	10.2	30824.1	-6737.4
3765	10.1	231022.5	-6633.7	30	10.0	02430.9	-6726.6	120	9.2	14551.5	-6702.6	210	9.6	30831.5	-6716.2
3766	9.0	231223.5	-6649.0	31	10.6	02438.4	-6702.1	121	8.9	14615.5	-6711.8	211	7.4	30901.1	-6758.7
3767	9.2	231259.5	-6634.9	32	9.4	02447.5	-6737.4	122	9.2	14645.5	-6719.0	212	8.9	31024.5	-6706.2
3768	9.0	231521.0	-6649.8	33	10.2	02635.4	-6709.6	123	10.3	14743.5	-6746.9	213	9.1	31036.5	-6719.5
3769	9.6	231525.5	-6614.0	34	10.0	02705.6	-6725.0	124	9.5	14752.0	-6747.5	214	9.5	31228.6	-6738.9
3770	10.1	231729.0	-6637.9	35	10.8	02748.9	-6709.6	125	9.2	14800.0	-6716.2	215	8.5	31239.5	-6707.1
3771	9.6	231751.0	-6657.0	36	9.2	02756.4	-6727.2	126	9.2	14952.5	-6729.3	216	9.6	31315.0	-6720.8
3772	10.0	231825.5	-6607.0	37	9.4	02815.4	-6736.4	127	9.2	15101.0	-6730.7	217	6.3	31635.5	-6722.7
3773	10.0	231957.0	-6623.5	38	10.2	02817.9	-6715.0	128	9.2	15132.5	-6735.6	218	9.3	31707.5	-6709.2
3774	8.8	232019.0	-6615.1	39	10.0	02901.9	-6710.2	129	9.2	15140.5	-6719.5	219	9.1	31831.1	-6736.4
3775	9.6	232054.5	-6620.1	40	10.2	02912.4	-6735.0	130	10.8	15302.8	-6729.7	220	9.4	32114.8	-6757.7
3776	8.8	232115.5	-6646.4	41	9.2	02934.9	-6729.2	131	9.0	15453.0	-6752.6	221	9.7	32140.5	-6756.9
3777	9.6	232144.0	-6611.8	42	10.4	02953.4	-6739.3	132	10.8	15556.5	-6734.3	222	9.1	32141.3	-6737.0
3778	9.4	232220.0	-6636.4	43	9.4	03047.0	-6753.1	133	10.2	15625.5	-6747.6	223	8.7	32231.5	-6721.1
3779	9.4	232401.0	-6603.0	44	9.8	03111.9	-6738.4	134	10.2	15636.5	-6748.4	224	9.7	32300.0	-6748.5
3780	9.4	232411.0	-6658.1	45	10.9	03244.6	-6735.8	135	9.3	15654.5	-6721.2	225	9.1	32309.0	-6713.9
3781	9.4	232429.0	-6606.9	46	10.9	03308.4	-6712.2	136	9.5	15757.0	-6748.4	226	9.3	32311.8	-6756.3
3782	10.0	232715.5	-6608.0	47	10.0	03318.9	-6711.0	137	10.1	20255.0	-6730.8	227	9.6	32532.5	-6716.2
3783	8.8	232813.0	-6631.1	48	9.2	03554.4	-6712.0	138	10.2	20457.5	-6753.4	228	9.2	32548.3	-6746.8
3784	9.8	232952.0	-6620.4	49	10.2	03558.4	-6727.3	139	10.8	20458.7	-6739.3	229	9.6	32555.5	-6721.6
3785	10.1	233032.0	-6608.8	50	10.4	03618.4	-6704.3	140	9.6	20601.2	-6749.2	230	9.8	32600.0	-6758.3
3786	9.0	233053.0	-6601.5	51	9.6	03824.6	-6740.4	141	9.3	20838.5	-6703.4	231	9.3	32648.0	-6706.0
3787	8.0	233235.5	-6656.8	52	10.4	03858.4	-6738.2	142	9.0	20841.0	-6723.1	232	9.7	32725.5	-6747.9
3788	9.4	233248.5	-6659.1	53	10.9	03927.4	-6724.9	143	9.2	21104.0	-6701.1	233	9.7	32750.0	-6744.2
3789	9.2	233250.0	-6612.0	54	10.4	04115.6	-6738.0	144	8.9	21111.5	-6722.5	234	9.0	32836.5	-6738.5
3790	9.2	233349.5	-6610.1	55	9.8	04654.9	-6738.2	145	8.9	21204.2	-6750.6	235	8.7	32917.3	-6757.9
3791	8.2	233641.5	-6607.6	56	10.0	04730.4	-6739.2	146	9.5	21207.7	-6758.3	236	7.7	33135.0	-6709.0
3792	8.8	233701.5	-6611.0	57	8.9	04757.3	-6734.8	147	10.6	21257.7	-6752.9	237	7.5	33201.5	-6750.0
3793	10.1	233727.3	-6656.0	58	10.6	04843.3	-6737.1	148	9.2	21703.0	-6709.2	238	9.7	33214.5	-6757.2
3794	10.4	234009.3	-6620.3	59	9.6	04936.8	-6708.3	149	9.1	21908.0	-6723.8	239	9.2	33220.0	-6751.4
3795	10.4	234010.3	-6619.6	60	10.2	05051.3	-6718.1	150	9.3	21927.0	-6722.9	240	9.4	33422.5	-6745.1
3796	9.8	234104.4	-6625.3	61	10.2	05233.3	-6732.9	151	9.5	22026.0	-6731.6	241	9.6	33459.0	-6734.5
3797	9.1	234200.6	-6605.4	62	7.6	05301.6	-6714.2	152	10.1	22122.3	-6739.0	242	10.1	33535.5	-6729.8
3798	10.0	234208.8	-6627.1	63	10.5	05416.3	-6712.3	153	10.8	22136.3	-6739.8	243	10.1	33622.0	-6702.1
3799	7.7	234238.0	-6657.0	64	10.2	05432.3	-6707.9	154	8.0	22251.5	-6703.5	244	10.1	33732.5	-6720.0
3800	10.4	234241.8	-6602.9	65	8.9	05513.0	-6755.5	155	9.9	22319.3	-6758.0	245	9.6	33740.0	-6736.8
3801	7.4	234308.4	-6620.0	66	9.5	05603.3	-6708.3	156	9.1	22502.5	-6718.4	246	8.8	33902.5	-6737.8
3802	10.6	234351.4	-6659.0	67	10.0	05618.0	-6700.5	157	9.5	22503.5	-6728.7	247	9.8	33919.0	-6754.0
3803	8.6	234425.2	-6600.8	68	10.2	05629.3	-6714.9	158	8.8	22529.3	-6743.3	248	8.8	34032.5	-6707.7
3804	10.2	234431.1	-6659.0	69	10.6	05836.3	-6710.9	159	9.1	22540.0	-6709.9	249	9.8	34105.7	-6757.5
3805	9.6	234525.7	-6623.5	70	10.2	10041.4	-6736.7	160	10.8	22547.6	-6758.2	250	9.8	34115.5	-6720.2
3806	10.2	234559.7	-6655.0	71	9.6	10055.1	-6725.3	161	8.2	22628.8	-6719.4	251	9.1	34137.5	-6740.5
3807	10.0	234601.7	-6648.0	72	9.7	10327.4	-6729.8	162	10.8	22808.0	-6739.6	252	10.1	34154.0	-6712.9
3808	10.4	234616.2	-6631.3	73	9.8	10422.1	-6758.4	163	9.1	22856.5	-6700.7	253	8.2	34317.8	-6705.3
3809	10.4	234646.7	-6618.0	74	8.7	10435.1	-6732.9	164	10.4	22955.6	-6759.4	254	9.5	34346.5	-6703.9
3810	7.4	234659.7	-6638.7	75	8.8	10502.0	-6728.0	165	9.9	23204.7	-6757.4	255	8.8	34554.5	-6711.8
3811	9.6	234706.2	-6616.4	76	9.7	10541.0	-6700.9	166	9.0	23209.0	-6710.1	256	9.8	34605.5	-6709.1
3812	10.4	234822.2	-6619.5	77	9.9	10610.6	-6749.7	167	9.4	23316.0	-6721.3	257	9.2	34625.5	-6746.3
3813	9.1	234842.7	-6655.4	78	9.7	10924.5	-6718.3	168	9.4	23336.5	-6726.7	258	9.2	34642.5	-6704.6
3814	9.6	234843.2	-6602.6	79	9.5	11031.1	-6725.1	169	10.4	23504.5	-6739.0	259	9.6	34713.0	-6742.3
3815	9.0	234951.2	-6627.9	80	10.0	11038.1	-6755.1	170	6.8	23550.0	-6750.4	260	10.0	34716.0	-6700.1
3816	10.4	235052.7	-6604.9	81	6.2	11243.0	-6703.5	171	9.5	23611.0	-6714.3	261	10.1	34726.0	-6733.9
3817	8.3	235057.2	-6628.2	82	9.2	11302.0	-6717.7	172	8.9	23638.0	-6709.3	262	10.1	34819.5	-6728.8
3818	9.0	235248.7	-6613.1	83	9.7	11332.5	-6733.1	173	8.2	23723.0	-6729.5	263	10.1	34954.5	-6701.9
3819	4.4	235324.7	-6616.2	84	7.8	11335.6	-6746.3	174	10.6	23804.7	-6759.2	264	10.1	35007.0	-6711.1
3820	9.9	235422.7	-6609.8	85	8.3	11422.0	-6720.1	175	9.4	23812.6	-6738.3	265	9.8	35010.5	-6756.1
3821	9.6	235423.2	-6620.5	86	9.1	11514.5	-6727.3	176	10.4	23824.6	-6759.4	266	9.4	35040.0	-6714.1
3822	9.0	235707.2	-6631.3	87	9.6	11707.5	-6726.9	177	9.5	23828.0	-6728.1	267	9.7	35129.0	-6756.2
3823	9.8	235752.2	-6633.1	88	8.4	11734.0	-6706.1	178	8.9	23848.5	-6753.7	268	8.8	35146.0	-6711.6
3824	9.1	235851.9	-6602.9	89	6.9	11737.5	-6702.4	179	9.0	24029.5	-6726.3	269	9.1	35148.0	-6706.0
3825	9.6	235926.7	-6618.8	90	9.4	11928.0	-6729.5	180	9.4	24034.0	-6729.7	270	9.7	35224.0	-6744.7
1	8.8	00122.4	-6735.5	91	8.7	11929.0	-6731.3	181	6.6	24117.0	-6714.5	271	9.0	35331.5	-6747.3
2	9.1	00214.4	-6712.5	92	9.7	12056.0	-6733.1	182	8.3	24140.5	-6748.8	272	10.1	35442.5	-6725.7
3	9.1	00217.4	-6707.0	93	8.8	12236.6	-6750.3	183	9.5	24223.0	-6704.5	273	9.7	35449.5	-6746.9
4	9.1	00231.9	-6727.2	94	9.9	12325.1	-6757.1	184	8.5	24310.5	-6731.8	274	10.1	35450.5	-6724.6
5	10.4	00318.7	-6708.7	95	7.6	12706.0	-6708.5	185	8.6	24354.5	-6753.6	275	10.1	35542.5	-6726.5
6	9.2	00321.0	-6754.0	96	9.8	12718.5	-6702.3	186	9.5	24356.0	-6727.4	276	8.7	35712.0	-6711.8

277	10.1	35719.5	-6713.9	367	9.4	45525.5	-6737.8	457	20.0	53237.5	-6736.2
278	9.8	35750.0	-6752.3	368	9.2	45551.7	-6729.8	458	8.9	53241.0	-6710.4
279	10.1	35906.5	-6710.0	369	9.9	45614.8	-6729.1	459	9.7	53241.0	-6746.1
280	9.2	40012.5	-6729.8	370	9.8	45640.0	-6704.9	460	20.0	53246.0	-6746.9
281	10.0	40117.5	-6715.0	371	9.2	45721.5	-6746.1	461	10.0	53408.0	-6707.2
282	9.2	40352.0	-6730.5	372	9.4	45731.0	-6739.6	462	9.5	53418.5	-6725.4
283	9.5	40427.0	-6708.5	373	9.4	45737.5	-6722.8	463	10.0	53421.5	-6719.8
284	9.8	40447.0	-6758.0	374	9.9	45805.0	-6713.9	464	8.7	53430.5	-6706.2
285	10.0	40532.1	-6726.2	375	9.8	45809.0	-6725.7	465	9.8	53433.0	-6723.0
286	10.1	40605.7	-6730.1	376	9.1	45848.0	-6717.2	466	10.0	53440.0	-6712.2
287	9.0	40639.0	-6730.1	377	9.4	45919.0	-6755.6	467	9.5	53442.5	-6703.3
288	9.7	40909.0	-6756.2	378	9.6	45953.0	-6743.4	468	9.3	53447.5	-6713.2
289	9.2	40933.0	-6738.9	379	9.8	50128.0	-6716.8	469	9.8	53451.0	-6702.3
290	9.0	40937.8	-6738.8	380	9.0	50128.0	-6737.4	470	9.4	53505.5	-6725.9
291	9.7	41058.0	-6759.0	381	9.6	50128.0	-6730.7	471	9.5	53509.5	-6706.0
292	8.9	41137.0	-6752.5	382	9.1	50303.3	-6705.0	472	9.3	53511.0	-6725.8
293	10.1	41201.5	-6720.0	383	9.4	50308.0	-6707.8	473	8.8	53517.0	-6733.1
294	9.6	41242.0	-6751.1	384	9.4	50336.5	-6748.1	474	9.6	53540.0	-6727.7
295	10.1	41325.0	-6727.1	385	10.0	50417.0	-6729.9	475	9.0	53603.5	-6756.7
296	8.4	41336.5	-6703.4	386	9.4	50419.5	-6725.1	476	9.9	53606.5	-6730.8
297	8.7	41349.0	-6725.2	387	9.4	50421.2	-6730.1	477	10.0	53608.5	-6708.4
298	9.4	41349.0	-6706.2	388	9.4	50432.5	-6727.8	478	9.9	53613.3	-6731.9
299	10.1	41400.0	-6728.1	389	9.4	50540.5	-6701.0	479	10.1	53620.0	-6742.0
300	9.6	41416.0	-6745.1	390	9.5	50619.0	-6741.3	480	10.1	53634.5	-6734.8
301	9.8	41439.0	-6713.6	391	9.1	50627.0	-6732.9	481	20.0	53636.5	-6703.9
302	9.6	41547.5	-6754.5	392	8.9	50856.0	-6719.3	482	10.1	53652.5	-6735.2
303	10.1	41727.5	-6709.2	393	9.5	50906.0	-6719.8	483	10.0	53714.8	-6709.6
304	9.3	41743.5	-6745.0	394	9.7	51158.0	-6728.3	484	9.9	53802.8	-6747.2
305	9.7	41748.0	-6732.7	395	9.3	51222.5	-6714.2	485	9.0	53837.0	-6715.2
306	9.6	41804.5	-6743.0	396	9.7	51225.8	-6728.0	486	8.4	53944.3	-6706.3
307	9.2	41834.3	-6735.0	397	9.8	51246.2	-6700.5	487	10.2	53953.0	-6725.5
308	9.7	42021.5	-6728.2	398	9.2	51252.0	-6724.4	488	10.0	54004.5	-6740.8
309	10.0	42042.6	-6727.3	399	9.1	51310.0	-6753.2	489	9.6	54025.0	-6729.2
310	9.2	42124.3	-6717.4	400	10.0	51325.0	-6726.1	490	9.6	54104.0	-6711.1
311	9.1	42128.8	-6716.4	401	6.3	51351.0	-6719.5	491	10.0	54115.5	-6725.3
312	9.3	42248.5	-6713.4	402	9.1	51351.5	-6743.1	492	7.0	54159.5	-6727.6
313	9.3	42248.0	-6741.3	403	10.0	51403.5	-6731.0	493	9.7	54202.5	-6732.4
314	9.4	42258.0	-6720.1	404	10.0	51412.0	-6728.0	494	10.0	54214.5	-6724.0
315	9.3	42313.0	-6712.0	405	10.0	51412.0	-6724.0	495	9.7	54244.5	-6723.0
316	6.8	42328.5	-6701.5	406	9.7	51413.0	-6735.5	496	7.9	54253.0	-6711.4
317	9.1	42542.5	-6751.0	407	9.6	51439.5	-6736.6	497	10.1	54328.0	-6706.1
318	9.8	42551.5	-6732.7	408	9.6	51456.0	-6749.8	498	9.6	54409.5	-6744.9
319	9.9	42716.0	-6711.0	409	9.5	51519.5	-6724.6	499	9.7	54437.0	-6715.1
320	9.7	42832.5	-6737.7	410	8.7	51659.5	-6740.3	500	10.1	54440.0	-6716.7
321	9.0	42834.5	-6713.1	411	9.4	51802.0	-6731.1	501	10.1	54509.5	-6722.6
322	9.2	42918.0	-6700.2	412	9.1	51831.7	-6733.1	502	9.4	54514.0	-6713.4
323	9.8	42934.0	-6730.0	413	9.6	51848.5	-6739.9	503	10.0	54514.5	-6705.7
324	9.2	43039.0	-6741.3	414	9.4	51902.0	-6746.9	504	10.0	54515.5	-6706.7
325	9.5	43117.5	-6724.1	415	10.0	51917.0	-6726.9	505	9.8	54523.0	-6731.3
326	9.2	43239.0	-6711.1	416	9.7	51938.8	-6759.1	506	9.4	54531.[illegible]	-6707.3
327	9.0	43259.0	-6734.4	417	10.0	51941.0	-6731.7	507	9.3	54609.[illegible]	-6754.4
328	9.5	43304.0	-6725.9	418	9.2	52018.5	-6717.0	508	9.9	54624.[illegible]	-6753.0
329	9.2	43351.5	-6726.2	419	9.4	52020.5	-6718.4	509	7.8	54629.[illegible]	-6745.0
330	8.9	43414.0	-6732.9	420	9.5	52030.0	-6725.2	510	10.1	54634.[illegible]	-6736.5
331	8.8	43528.5	-6709.7	421	9.4	52030.5	-6714.1	511	9.1	54644.0	-6744.5
332	9.5	43631.0	-6712.1	422	10.0	52038.0	-6706.1	512	10.1	54701.0	-6715.8
333	8.9	43631.0	-6728.9	423	9.4	52042.0	-6737.7	513	8.9	54704.5	-6728.1
334	9.6	43659.0	-6700.2	424	10.0	52144.5	-6713.1	514	10.1	54715.5	-6742.1
335	9.8	43729.5	-6730.3	425	10.0	52236.0	-6729.0	515	9.1	54745.5	-6747.7
336	9.4	43730.2	-6757.3	426	9.1	52248.5	-6728.1	516	8.4	55031.0	-6705.1
337	9.5	43747.0	-6733.0	427	9.3	52306.0	-6718.1	517	9.6	55040.5	-6746.0
338	9.2	43752.0	-6721.9	428	9.7	52306.0	-6754.9	518	10.0	55136.5	-6740.4
339	9.8	44010.5	-6715.0	429	9.5	52309.5	-6718.1	519	9.3	55150.0	-6705.8
340	8.8	44124.0	-6708.0	430	9.3	52520.5	-6730.3	520	9.4	55217.5	-6706.1
341	9.5	44218.0	-6726.7	431	9.7	52550.5	-6752.7	521	9.5	55249.0	-6735.7
342	8.9	44244.5	-6738.2	432	9.2	52551.5	-6752.5	522	9.6	55253.5	-6701.0
343	9.0	44332.0	-6701.8	433	9.6	52620.0	-6736.0	523	10.0	55256.5	-6757.0
344	9.5	44616.0	-6729.8	434	9.1	52626.0	-6739.1	524	9.8	55302.0	-6742.1
345	9.8	44659.0	-6720.0	435	9.6	52631.0	-6735.9	525	9.6	55313.0	-6717.1
346	9.5	44720.5	-6722.9	436	9.0	52650.0	-6755.4	526	10.1	55341.5	-6739.1
347	9.9	44725.0	-6725.9	437	10.0	52702.7	-6734.8	527	10.1	55419.0	-6738.4
348	8.9	44739.0	-6727.8	438	9.6	52716.0	-6745.5	528	9.4	55522.0	-6712.4
349	9.1	44800.5	-6722.9	439	9.5	52730.5	-6718.8	529	9.6	55525.5	-6743.7
350	9.8	44850.5	-6700.6	440	9.5	52810.0	-6726.5	530	9.0	55550.5	-6733.8
351	9.8	44855.5	-6704.1	441	10.0	52810.5	-6705.6	531	8.8	55612.0	-6709.1
352	7.6	44903.0	-6755.6	442	8.7	52813.0	-6741.5	532	9.0	55622.5	-6733.1
353	9.8	44915.0	-6702.6	443	9.8	52834.5	-6739.1	533	10.0	55641.5	-6736.8
354	9.4	44919.5	-6734.8	444	9.7	52840.5	-6746.0	534	10.0	55711.5	-6707.1
355	9.5	45024.5	-6752.1	445	9.2	52848.5	-6758.1	535	9.1	55740.0	-6726.1
356	8.8	45235.8	-6721.1	446	9.8	52856.0	-6705.2	536	9.9	55740.5	-6709.5
357	9.6	45238.5	-6733.9	447	8.9	53003.5	-6713.1	537	10.0	55743.5	-6739.1
358	9.1	45324.0	-6707.3	448	10.0	53019.0	-6721.1	538	10.1	55753.5	-6708.0
359	9.6	45329.5	-6734.6	449	9.0	53020.0	-6749.8	539	10.2	55758.5	-6731.2
360	9.0	45421.0	-6728.9	450	9.6	53034.0	-6737.7	540	9.3	55825.5	-6741.3
361	9.9	45431.5	-6727.1	451	20.0	53054.0	-6722.4	541	9.3	55843.5	-6728.6
362	9.9	45443.5	-6726.4	452	10.0	53127.3	-6702.7	542	9.7	55916.0	-6704.2
363	9.6	45449.0	-6746.8	453	20.0	53129.5	-6703.7	543	9.4	55943.5	-6701.3
364	9.0	45509.0	-6721.9	454	9.3	53154.5	-6733.2	544	8.9	60004.0	-6750.7
365	9.6	45513.5	-6757.8	455	9.4	53221.5	-6753.9	545	10.0	60042.5	-6732.6
366	9.4	45515.0	-6707.7	456	9.6	53232.5	-6746.1	546	9.2	60210.5	-6751.7
547	10.0	60215.5	-6737.3	627	9.7	63511.0	-6725.9
548	9.9	60241.0	-6740.6	628	8.8	63530.0	-6707.1
549	7.5	60323.5	-6718.0	629	9.6	63536.5	-6713.8
550	10.0	60328.0	-6711.3	630	8.8	63559.0	-6740.2
551	10.0	60429.0	-6722.4	631	9.8	63603.5	-6730.9
552	9.6	60507.5	-6730.4	632	9.7	63633.0	-6722.0
553	9.6	60515.0	-6741.1	633	10.0	63655.5	-6757.4
554	10.1	60626.5	-6716.6	634	8.6	63718.5	-6721.4
555	9.1	60641.0	-6724.1	635	10.0	63719.0	-6759.5
556	9.9	60656.5	-6714.4	636	9.7	63720.0	-6727.9
557	8.2	60706.0	-6715.8				
558	9.7	60740.0	-6745.0				
559	10.1	60810.0	-6731.1				
560	10.1	61016.0	-6726.1				
561	9.1	61048.5	-6726.0				
562	9.7	61104.5	-6755.9				
563	9.4	61334.5	-6732.1				
564	9.6	61400.5	-6732.6				
565	9.4	61405.5	-6730.5				
566	9.9	61456.7	-6759.9				
567	9.2	61506.5	-6756.1				
568	9.7	61641.7	-6759.1				
569	10.1	61710.7	-6722.0				
570	9.8	61806.0	-6724.3				
571	10.0	61923.0	-6729.2				
572	9.2	61932.6	-6732.3				
573	9.5	62050.0	-6753.1				
574	9.8	62056.5	-6723.2				
575	10.0	62103.0	-6733.0				
576	9.6	62113.0	-6724.1				
577	9.5	62130.2	-6722.1				
578	8.8	62132.5	-6731.1				
579	9.6	62150.0	-6710.8				
580	10.0	62203.5	-6756.8				
581	9.8	62209.5	-6705.8				
582	10.1	62213.0	-6733.4				
583	10.1	62214.5	-6752.0				
584	10.1	62235.0	-6759.9				
585	9.8	62252.0	-6744.1				
586	9.3	62303.0	-6708.7				
587	9.2	62325.5	-6721.2				
588	10.1	62413.5	-6736.7				
589	9.7	62437.5	-6717.0				
590	9.5	62452.0	-6756.9				
591	9.4	62506.5	-6737.0				
592	9.2	62527.0	-6740.3				
593	9.6	62530.0	-6702.4				
594	8.8	62533.5	-6725.0				
595	10.0	62547.7	-6731.1				
596	10.0	62616.0	-6751.4				
597	9.6	62619.0	-6707.3				
598	9.5	62654.0	-6737.0				
599	9.2	62711.5	-6734.2				
600	10.0	62735.5	-6716.8				
601	9.2	62745.5	-6718.2				
602	9.1	62810.0	-6715.4				
603	9.8	62830.5	-6707.5				
604	9.7	62845.0	-6709.0				
605	9.2	62856.0	-6756.2				
606	10.0	62925.0	-6702.8				
607	9.8	62942.0	-6707.9				
608	10.0	63010.5	-6711.3				
609	8.9	63051.0	-6730.6				
610	8.9	63056.0	-6701.9				
611	8.4	63132.0	-6729.2				
612	9.7	63132.0	-6706.1				
613	9.8	63139.0	-6747.1				
614	9.9	63148.0	-6746.5				
615	9.8	63204.5	-6745.1				
616	9.9	63222.5	-6744.8				
617	9.5	63227.5	-6718.7				
618	10.1	63310.0	-6753.4				
619	9.5	63322.5	-6707.6				
620	9.8	63335.5	-6739.3				
621	9.2	63341.5	-6714.6				
622	9.9	63403.0	-6748.2				
623	10.0	63405.5	-6730.0				
624	9.4	63424.0	-6707.1				
625	10.0	63451.5	-6750.0				
626	10.0	63458.0	-6716.3				

-67 637 6h37m

-67 996 8h43m

637	10.0	63733.0	-6739.4	727	9.7	71520.0	-6713.7	817	9.7	74727.5	-6724.6	907	10.0	81626.0	-6730.7
638	9.6	63733.0	-6700.7	728	9.4	71535.0	-6749.1	818	10.3	74740.5	-6736.4	908	9.8	81638.5	-6741.1
639	9.3	63755.5	-6708.8	729	9.9	71550.5	-6754.6	819	9.7	74746.0	-6715.9	909	9.7	81652.0	-6728.0
640	9.7	63842.0	-6732.1	730	5.5	71652.0	-6743.6	820	9.8	74802.8	-6755.1	910	9.9	81708.0	-6757.9
641	10.0	63907.0	-6706.1	731	8.8	71719.0	-6740.0	821	8.9	74818.0	-6707.5	911	9.3	81722.0	-6702.1
642	10.0	63939.0	-6716.6	732	9.8	71742.5	-6750.8	822	10.2	74825.3	-6754.7	912	9.1	81723.0	-6719.2
643	9.8	64010.0	-6747.8	733	9.8	71749.0	-6752.4	823	9.1	74833.0	-6701.1	913	9.7	81728.0	-6745.9
644	10.0	64200.0	-6738.9	734	9.7	71801.0	-6726.9	824	10.3	74853.8	-6756.1	914	9.5	81728.5	-6733.7
645	6.8	64243.0	-6743.0	735	9.1	71906.5	-6708.9	825	9.8	74856.2	-6746.1	915	9.7	81753.3	-6724.7
646	9.6	64314.0	-6725.9	736	9.3	71918.5	-6718.0	826	8.3	74856.5	-6747.2	916	9.7	81758.7	-6705.2
647	10.0	64314.5	-6721.1	737	9.5	71943.0	-6715.3	827	9.7	74907.0	-6721.9	917	9.0	81801.7	-6717.9
648	10.0	64329.5	-6736.2	738	10.2	72038.0	-6744.7	828	9.7	74922.5	-6723.0	918	9.3	81843.7	-6756.4
649	10.0	64333.0	-6705.3	739	9.5	72111.5	-6703.1	829	9.9	74926.5	-6738.3	919	9.2	81849.7	-6711.6
650	8.5	64429.0	-6734.1	740	9.8	72144.5	-6755.0	830	8.3	75035.5	-6720.9	920	9.7	81918.0	-6701.0
651	10.0	64443.5	-6747.0	741	8.5	72216.5	-6703.2	831	9.7	75144.5	-6708.1	921	9.4	81931.5	-6746.6
652	8.6	64516.0	-6741.3	742	8.7	72241.5	-6707.2	832	10.4	75152.0	-6751.3	922	8.6	81942.0	-6745.7
653	9.4	64523.0	-6718.0	743	9.7	72259.5	-6728.5	833	9.7	75154.0	-6710.0	923	9.4	82106.5	-6744.0
654	9.4	64530.0	-6747.1	744	9.7	72304.5	-6713.3	834	9.7	75159.5	-6707.1	924	9.8	82131.5	-6719.6
655	9.4	64535.5	-6729.7	745	9.6	72309.5	-6738.4	835	10.4	75205.5	-6736.4	925	10.0	82223.0	-6722.8
656	10.0	64549.5	-6732.1	746	7.9	72328.5	-6746.5	836	9.1	75259.0	-6712.9	926	10.0	82224.5	-6757.8
657	9.4	64612.0	-6722.4	747	9.6	72350.0	-6721.1	837	10.0	75311.5	-6741.7	927	9.5	82228.0	-6758.9
658	9.6	64639.5	-6717.1	748	10.4	72359.5	-6731.0	838	8.8	75321.0	-6707.6	928	10.0	82252.0	-6740.7
659	9.2	64644.5	-6712.0	749	9.0	72412.5	-6727.1	839	8.8	75322.3	-6740.7	929	10.0	82253.0	-6717.4
660	10.0	64652.5	-6742.0	750	9.8	72419.5	-6757.1	840	9.5	75329.0	-6713.1	930	9.7	82350.0	-6750.0
661	10.0	64727.0	-6743.2	751	9.3	72455.5	-6705.2	841	9.4	75354.0	-6747.4	931	10.0	82401.0	-6751.4
662	10.0	64801.0	-6756.3	752	9.7	72456.5	-6719.6	842	9.7	75355.0	-6710.9	932	10.0	82411.0	-6734.0
663	9.7	64817.5	-6734.9	753	10.3	72501.5	-6730.4	843	9.0	75403.8	-6748.9	933	9.8	82423.5	-6707.8
664	8.7	64913.5	-6712.1	754	9.3	72515.0	-6712.1	844	10.0	75433.7	-6758.1	934	10.0	82442.5	-6755.1
665	10.0	64919.8	-6701.5	755	9.7	72615.5	-6710.4	845	9.7	75525.5	-6731.5	935	9.2	82426.0	-6728.7
666	9.4	64921.0	-6753.6	756	9.7	72623.0	-6741.3	846	9.7	75529.5	-6702.5	936	9.2	82521.0	-6727.0
667	9.7	64926.8	-6700.9	757	9.8	72700.5	-6742.0	847	9.7	75539.0	-6712.2	937	9.8	82554.0	-6702.3
668	9.4	64928.5	-6713.0	758	9.7	72750.0	-6721.4	848	9.4	75546.2	-6724.6	938	10.0	82633.0	-6753.6
669	9.7	64955.5	-6707.5	759	9.1	72754.5	-6753.8	849	9.7	75547.0	-6710.6	939	9.7	82645.5	-6708.0
670	8.8	64956.5	-6731.9	760	9.7	72806.0	-6707.7	850	8.8	75603.7	-6726.1	940	10.0	82744.0	-6715.0
671	9.8	65049.5	-6723.4	761	9.7	72816.0	-6704.1	851	9.2	75613.5	-6744.4	941	10.0	82746.0	-6701.5
672	9.6	65148.5	-6706.8	762	10.3	72826.5	-6751.0	852	9.2	75641.5	-6721.1	942	9.8	82811.5	-6755.0
673	10.0	65201.0	-6751.0	763	8.5	72932.0	-6753.3	853	9.4	75702.0	-6702.5	943	10.0	82902.0	-6709.3
674	9.5	65214.0	-6734.5	764	10.4	72948.0	-6728.9	854	8.8	75719.5	-6720.0	944	9.6	82947.5	-6737.0
675	8.6	65430.5	-6759.9	765	10.4	72954.5	-6753.6	855	9.7	75742.0	-6702.7	945	9.5	82952.5	-6715.0
676	9.6	65508.0	-6744.0	766	10.4	72956.5	-6727.2	856	10.0	75746.0	-6726.1	946	9.3	83018.5	-6736.0
677	9.1	65545.0	-6714.1	767	9.3	73019.5	-6733.3	857	9.7	75815.0	-6728.1	947	10.0	83039.5	-6713.4
678	8.9	65650.0	-6703.5	768	9.6	73030.0	-6731.2	858	8.4	75823.5	-6720.2	948	9.4	83055.5	-6758.1
679	9.4	65717.9	-6700.4	769	9.5	73049.5	-6704.1	859	10.0	75840.0	-6757.0	949	8.6	83056.5	-6741.3
680	10.0	65759.0	-6755.0	770	9.1	73050.0	-6716.4	860	9.8	75938.0	-6736.3	950	10.0	83059.5	-6711.4
681	10.0	65807.0	-6737.1	771	8.8	73059.7	-6733.0	861	9.7	80002.0	-6712.7	951	9.8	83122.0	-6743.0
682	9.5	65828.7	-6714.1	772	9.7	73113.0	-6700.9	862	9.9	80005.5	-6748.0	952	10.0	83217.5	-6728.8
683	9.7	65850.5	-6733.1	773	9.9	73155.0	-6708.2	863	10.0	80040.0	-6757.6	953	9.4	83301.5	-6752.3
684	9.7	65911.0	-6732.5	774	10.4	73201.0	-6738.6	864	9.7	80051.0	-6711.1	954	10.0	83310.0	-6726.4
685	10.0	65944.0	-6747.8	775	9.7	73210.0	-6715.8	865	8.8	80145.0	-6722.0	955	10.1	83346.5	-6749.1
686	6.8	70002.0	-6744.7	776	9.7	73247.0	-6727.9	866	8.2	80148.0	-6726.4	956	10.1	83402.0	-6738.5
687	9.0	70025.3	-6705.7	777	9.6	73327.0	-6723.9	867	9.8	80153.0	-6755.8	957	9.5	83439.0	-6718.4
688	9.2	70038.7	-6721.8	778	9.9	73400.5	-6742.5	868	9.4	80156.5	-6711.1	958	10.0	83459.0	-6725.6
689	9.4	70101.0	-6742.0	779	10.4	73433.0	-6759.9	869	9.7	80213.0	-6729.0	959	10.0	83505.0	-6733.0
690	9.7	70231.0	-6711.2	780	10.4	73439.5	-6730.8	870	9.3	80221.5	-6711.1	960	10.0	83507.5	-6713.1
691	9.8	70251.0	-6736.4	781	9.2	73513.5	-6715.2	871	10.0	80410.0	-6730.4	961	10.1	83515.5	-6737.0
692	9.4	70259.5	-6734.1	782	8.7	73531.3	-6700.9	872	9.6	80416.5	-6700.9	962	9.6	83539.3	-6750.1
693	9.0	70302.5	-6712.3	783	9.1	73543.5	-6714.0	873	9.9	80434.0	-6744.0	963	10.0	83542.0	-6736.1
694	9.4	70308.0	-6749.5	784	9.2	73554.5	-6736.8	874	9.7	80437.0	-6736.2	964	9.1	83546.5	-6718.2
695	9.7	70308.5	-6711.3	785	7.5	73556.5	-6705.7	875	9.7	80541.0	-6730.4	965	10.0	83634.5	-6700.1
696	9.7	70339.5	-6725.9	786	8.6	73618.5	-6719.4	876	9.7	80600.5	-6709.1	966	9.9	83635.3	-6754.1
697	9.2	70428.5	-6730.3	787	9.6	73725.0	-6706.1	877	9.8	80632.0	-6748.4	967	10.0	83635.5	-6720.0
698	9.7	70429.5	-6714.8	788	7.9	73752.7	-6709.5	878	9.7	80700.0	-6712.2	968	9.3	83651.2	-6734.1
699	9.9	70452.0	-6739.6	789	9.0	73811.3	-6711.2	879	9.3	80747.5	-6723.9	969	9.4	83701.8	-6741.8
700	10.2	70546.5	-6759.1	790	9.8	73827.0	-6739.9	880	9.7	80750.0	-6749.2	970	8.8	83715.0	-6707.6
701	10.3	70559.5	-6755.7	791	7.6	73830.5	-6758.9	881	9.3	80814.0	-6712.2	971	9.6	83721.5	-6721.0
702	10.3	70609.0	-6759.8	792	8.9	73835.7	-6710.1	882	9.7	80819.5	-6703.6	972	10.0	83731.5	-6707.2
703	9.4	70643.2	-6746.6	793	10.3	73926.0	-6750.1	883	9.7	80828.0	-6718.1	973	8.8	83733.3	-6743.1
704	10.3	70650.0	-6750.2	794	9.7	73955.0	-6727.4	884	9.7	80843.0	-6722.9	974	10.0	83758.5	-6704.7
705	10.0	70650.5	-6751.7	795	10.0	74017.5	-6758.9	885	9.5	80928.0	-6706.7	975	8.4	83759.0	-6723.6
706	9.3	70654.5	-6705.7	796	9.0	74019.0	-6758.4	886	9.6	80931.0	-6713.0	976	9.9	83809.5	-6729.7
707	9.7	70655.5	-6713.2	797	9.0	74020.5	-6713.8	887	9.4	80948.5	-6729.9	977	8.0	83852.5	-6705.2
708	9.6	70725.4	-6725.6	798	9.4	74109.2	-6721.2	888	9.2	81001.0	-6730.0	978	8.8	83911.8	-6709.8
709	9.4	70726.5	-6712.2	799	8.5	74114.3	-6722.8	889	8.8	81026.5	-6717.3	979	8.8	83914.0	-6722.3
710	7.6	70754.8	-6744.1	800	9.6	74115.5	-6707.2	890	9.1	81038.5	-6723.0	980	9.8	83954.0	-6746.1
711	10.2	70905.0	-6728.3	801	8.9	74129.5	-6723.9	891	9.9	81111.5	-6751.3	981	10.0	83955.0	-6721.1
712	9.6	70914.0	-6722.4	802	9.2	74136.5	-6743.8	892	9.0	81119.5	-6707.9	982	9.2	84004.5	-6721.8
713	10.4	70923.0	-6759.9	803	9.0	74201.5	-6748.2	893	9.2	81209.2	-6758.9	983	10.0	84013.0	-6724.0
714	9.1	71000.5	-6708.5	804	10.4	74206.5	-6741.4	894	8.8	81227.0	-6708.7	984	8.8	84018.5	-6705.9
715	10.4	71027.5	-6736.7	805	9.5	74423.0	-6719.2	895	9.6	81242.0	-6721.0	985	9.8	84051.0	-6712.0
716	9.7	71030.0	-6720.1	806	10.4	74431.0	-6748.1	896	10.0	81251.5	-6741.9	986	9.9	84055.0	-6757.1
717	10.4	71032.5	-6732.1	807	9.2	74511.0	-6749.2	897	9.4	81348.0	-6716.1	987	9.1	84215.0	-6723.9
718	9.6	71046.8	-6701.0	808	9.7	74513.0	-6700.1	898	10.0	81348.5	-6745.1	988	9.2	84224.0	-6726.5
719	8.4	71106.0	-6744.9	809	8.8	74522.0	-6713.9	899	10.0	81402.5	-6745.4	989	10.0	84243.0	-6759.0
720	7.9	71216.5	-6733.6	810	10.4	74526.0	-6749.0	900	9.7	81427.5	-6712.9	990	8.1	84243.5	-6745.3
721	9.5	71229.5	-6726.6	811	8.0	74537.0	-6707.4	901	9.4	81453.0	-6741.8	991	9.4	84248.5	-6703.0
722	9.7	71329.5	-6705.0	812	9.6	74542.5	-6721.6	902	9.6	81541.5	-6727.4	992	9.2	84308.5	-6733.0
723	9.0	71419.0	-6727.3	813	9.7	74553.5	-6717.6	903	9.6	81550.5	-6752.0	993	9.2	84310.0	-6734.4
724	9.6	71444.0	-6723.8	814	9.7	74601.5	-6731.1	904	9.4	81558.0	-6754.7	994	9.2	84313.5	-6700.2
725	9.5	71448.5	-6709.0	815	9.1	74624.0	-6726.1	905	9.5	81608.5	-6745.6	995	9.7	84321.5	-6743.4
726	8.2	71502.5	-6750.5	816	9.5	74624.0	-6716.9	906	9.7	81609.5	-6705.0	996	9.0	84344.5	-6750.0

997	9.5	84500.0	-6731.6	1087	9.6	92653.5	-6756.1	1177	8.9	95604.0	-6753.8	1267	9.3	101404.5	-6734.8
998	9.4	84542.0	-6744.0	1088	9.3	92729.3	-6743.2	1178	8.7	95655.5	-6704.0	1268	9.3	101417.5	-6757.2
999	9.1	84625.5	-6708.0	1089	8.4	92840.3	-6738.0	1179	8.8	95718.5	-6732.9	1269	9.8	101440.0	-6743.8
1000	9.7	84649.0	-6700.9	1090	9.1	92913.0	-6756.6	1180	9.6	95720.0	-6735.6	1270	9.4	101446.5	-6753.6
1001	9.5	84722.5	-6734.9	1091	9.2	92922.0	-6747.3	1181	9.8	95720.0	-6724.8	1271	9.7	101450.0	-6753.9
1002	9.9	84813.0	-6737.1	1092	9.5	93000.0	-6756.8	1182	9.6	95748.5	-6730.4	1272	9.2	101454.5	-6724.1
1003	9.3	84848.2	-6727.2	1093	9.2	93029.0	-6741.1	1183	9.9	95839.0	-6715.3	1273	9.9	101458.5	-6715.3
1004	10.0	84955.0	-6700.6	1094	8.4	93029.0	-6705.2	1184	9.4	95910.0	-6712.8	1274	9.9	101513.5	-6706.5
1005	9.4	85000.5	-6759.7	1095	9.2	93057.5	-6757.1	1185	9.0	95912.0	-6721.2	1275	9.8	101516.0	-6755.3
1006	10.0	85031.8	-6701.9	1096	9.5	93137.5	-6734.0	1186	9.9	95938.0	-6730.0	1276	9.6	101521.5	-6755.4
1007	9.5	85044.0	-6716.6	1097	9.6	93303.0	-6754.7	1187	9.6	100014.0	-6755.6	1277	9.7	101522.0	-6742.1
1008	10.1	85046.0	-6747.1	1098	7.5	93322.5	-6739.0	1188	9.6	100026.0	-6751.2	1278	8.9	101534.0	-6715.0
1009	8.9	85122.0	-6723.7	1099	9.1	93445.0	-6724.8	1189	9.5	100055.0	-6738.2	1279	9.6	101537.5	-6729.4
1010	10.1	85223.5	-6736.1	1100	9.5	93520.0	-6732.8	1190	9.2	100117.0	-6748.0	1280	9.4	101541.0	-6706.2
1011	10.0	85240.5	-6739.6	1101	9.5	93552.5	-6721.2	1191	9.3	100121.5	-6723.3	1281	9.9	101553.0	-6740.0
1012	10.0	85300.5	-6749.1	1102	8.6	93639.0	-6700.5	1192	9.9	100215.0	-6701.4	1282	9.2	101601.5	-6725.3
1013	9.1	85321.0	-6724.4	1103	9.5	93719.5	-6725.7	1193	9.3	100215.5	-6749.7	1283	8.4	101618.5	-6734.5
1014	10.0	85340.0	-6709.2	1104	9.5	93720.3	-6727.4	1194	9.3	100227.5	-6723.1	1284	9.3	101620.5	-6716.7
1015	9.1	85419.0	-6713.7	1105	9.5	93728.5	-6713.9	1195	9.6	100230.5	-6723.8	1285	9.9	101629.0	-6750.8
1016	9.8	85446.0	-6729.1	1106	9.6	93803.5	-6758.5	1196	9.2	100234.0	-6710.1	1286	9.7	101636.5	-6740.9
1017	9.6	85558.2	-6701.3	1107	8.4	93855.5	-6752.3	1197	9.7	100248.5	-6734.9	1287	9.3	101637.5	-6735.5
1018	7.0	85725.0	-6739.1	1108	9.9	93906.0	-6713.9	1198	7.9	100249.0	-6741.4	1288	9.8	101653.0	-6717.5
1019	9.0	85733.5	-6747.7	1109	9.3	93908.5	-6747.1	1199	9.9	100253.0	-6710.0	1289	9.8	101703.0	-6723.3
1020	9.4	85818.2	-6727.9	1110	8.7	93909.2	-6722.1	1200	9.2	100256.0	-6701.9	1290	9.6	101703.5	-6722.0
1021	7.5	85822.0	-6736.3	1111	7.1	93912.5	-6756.1	1201	9.2	100321.0	-6722.8	1291	9.9	101707.0	-6700.2
1022	8.7	85900.0	-6726.9	1112	9.1	93943.5	-6758.0	1202	9.9	100353.5	-6731.4	1292	7.6	101715.0	-6726.2
1023	10.0	85912.0	-6722.6	1113	9.0	94008.5	-6752.1	1203	9.9	100403.5	-6720.2	1293	9.9	101720.0	-6731.2
1024	10.0	85945.0	-6744.1	1114	9.9	94023.5	-6717.1	1204	8.4	100424.5	-6744.0	1294	8.0	101726.5	-6740.6
1025	9.6	90000.2	-6732.2	1115	9.9	94046.0	-6722.7	1205	9.5	100440.5	-6723.4	1295	9.7	101731.5	-6751.4
1026	9.5	90042.2	-6702.2	1116	9.6	94118.5	-6759.0	1206	9.8	100447.3	-6701.7	1296	9.0	101749.0	-6744.8
1027	9.4	90044.5	-6751.3	1117	9.5	94140.0	-6724.2	1207	8.8	100455.0	-6742.8	1297	8.5	101804.0	-6708.6
1028	10.1	90102.5	-6749.2	1118	9.2	94154.0	-6707.1	1208	9.8	100534.0	-6732.8	1298	9.9	101813.0	-6743.4
1029	10.0	90131.5	-6713.0	1119	9.9	94202.5	-6703.9	1209	9.8	100544.5	-6740.2	1299	9.4	101836.0	-6753.9
1030	8.5	90209.5	-6707.5	1120	9.3	94222.5	-6744.9	1210	8.7	100552.0	-6753.2	1300	9.3	101846.5	-6712.1
1031	9.0	90313.0	-6712.6	1121	9.6	94225.7	-6734.1	1211	9.9	100559.5	-6721.1	1301	9.4	101859.0	-6723.5
1032	10.1	90321.0	-6758.8	1122	9.4	94235.7	-6710.5	1212	9.6	100608.0	-6721.9	1302	9.2	101859.5	-6711.2
1033	10.0	90333.0	-6745.5	1123	9.9	94243.0	-6705.9	1213	8.6	100617.5	-6741.4	1303	9.9	101908.5	-6733.2
1034	8.7	90342.5	-6736.5	1124	9.9	94257.0	-6702.3	1214	9.4	100633.5	-6758.4	1304	9.9	101923.0	-6759.8
1035	9.5	90351.0	-6718.3	1125	9.4	94307.0	-6737.6	1215	9.9	100634.0	-6721.8	1305	9.9	101927.7	-6707.2
1036	8.8	90400.5	-6726.7	1126	9.5	94322.0	-6747.5	1216	7.3	100714.5	-6713.6	1306	9.9	101933.0	-6738.1
1037	9.3	90448.5	-6701.5	1127	9.9	94336.5	-6723.4	1217	9.0	100719.0	-6723.1	1307	9.6	101935.3	-6701.3
1038	8.4	90518.5	-6759.1	1128	9.9	94336.5	-6721.9	1218	9.9	100719.0	-6758.5	1308	9.9	101936.5	-6735.0
1039	8.8	90528.0	-6744.5	1129	8.7	94340.5	-6705.0	1219	9.2	100728.5	-6716.4	1309	9.8	101942.5	-6729.0
1040	9.4	90628.5	-6715.4	1130	9.7	94352.5	-6720.3	1220	9.9	100730.0	-6745.0	1310	9.9	101947.0	-6701.7
1041	9.4	90655.5	-6733.1	1131	9.6	94403.5	-6718.9	1221	9.9	100752.0	-6729.1	1311	9.9	101950.0	-6707.1
1042	10.0	90828.0	-6739.1	1132	9.6	94409.0	-6746.1	1222	8.2	100757.0	-6716.4	1312	8.3	101951.5	-6746.4
1043	9.0	90833.5	-6748.3	1133	9.5	94411.0	-6704.1	1223	9.9	100758.4	-6729.1	1313	8.6	101958.5	-6738.6
1044	9.5	90904.5	-6706.9	1134	9.6	94411.0	-6750.9	1224	9.1	100808.5	-6722.1	1314	9.7	102001.0	-6701.8
1045	9.4	90931.0	-6744.9	1135	9.4	94414.0	-6733.1	1225	9.0	100814.5	-6739.5	1315	9.9	102011.5	-6733.1
1046	9.5	91000.5	-6724.5	1136	9.2	94419.0	-6705.7	1226	8.9	100843.2	-6741.2	1316	9.8	102024.0	-6709.5
1047	7.6	91003.5	-6712.4	1137	9.2	94419.0	-6714.9	1227	9.4	100848.0	-6720.0	1317	9.9	102035.0	-6727.8
1048	9.4	91004.5	-6722.7	1138	9.2	94439.0	-6701.5	1228	9.9	100855.0	-6748.1	1318	9.6	102037.5	-6750.5
1049	9.4	91059.5	-6709.8	1139	8.2	94441.0	-6741.7	1229	9.9	100857.0	-6718.2	1319	9.8	102038.0	-6727.4
1050	9.4	91141.0	-6718.0	1140	9.9	94450.0	-6705.3	1230	9.4	100903.0	-6738.2	1320	8.6	102040.3	-6729.7
1051	10.0	91218.5	-6757.2	1141	9.0	94456.5	-6728.4	1231	8.6	100903.0	-6727.0	1321	9.4	102055.0	-6753.2
1052	9.9	91245.0	-6747.0	1142	9.4	94458.0	-6718.7	1232	9.9	100907.5	-6749.7	1322	9.8	102105.5	-6752.9
1053	8.2	91252.5	-6745.9	1143	9.4	94510.5	-6718.6	1233	9.4	100912.5	-6715.4	1323	9.8	102142.5	-6755.2
1054	10.0	91252.5	-6728.1	1144	9.6	94519.0	-6707.5	1234	9.9	100935.5	-6734.1	1324	9.5	102150.0	-6728.0
1055	9.2	91308.0	-6733.9	1145	9.6	94551.0	-6742.9	1235	9.9	100937.0	-6730.8	1325	9.9	102157.5	-6709.0
1056	9.5	91320.5	-6735.0	1146	9.2	94600.5	-6721.9	1236	9.8	100937.5	-6751.0	1326	9.8	102200.5	-6748.3
1057	9.5	91354.0	-6701.2	1147	9.4	94620.5	-6743.8	1237	9.9	101001.5	-6731.2	1327	9.4	102210.0	-6749.6
1058	8.8	91450.0	-6741.3	1148	9.3	94709.5	-6728.9	1238	9.9	101006.0	-6751.9	1328	9.6	102214.0	-6743.8
1059	9.5	91500.0	-6726.0	1149	7.7	94720.0	-6750.1	1239	7.2	101031.0	-6726.3	1329	9.0	102222.0	-6742.2
1060	9.0	91511.0	-6738.8	1150	9.6	94731.0	-6716.9	1240	9.9	101033.0	-6722.2	1330	9.9	102222.5	-6701.5
1061	8.4	91512.0	-6709.0	1151	9.6	94731.5	-6727.5	1241	9.0	101034.5	-6722.1	1331	9.9	102231.5	-6700.3
1062	9.6	91622.1	-6739.1	1152	9.4	94747.0	-6730.9	1242	9.8	101057.0	-6732.7	1332	9.4	102233.0	-6741.2
1063	9.0	91630.5	-6700.5	1153	9.9	94747.5	-6700.9	1243	8.4	101057.5	-6741.3	1333	9.9	102244.0	-6702.6
1064	9.2	91644.5	-6755.3	1154	9.4	94806.0	-6745.9	1244	9.9	101104.5	-6732.8	1334	9.9	102245.0	-6725.7
1065	9.1	91658.5	-6709.0	1155	9.6	94807.0	-6746.9	1245	9.4	101109.0	-6733.0	1335	9.8	102256.7	-6758.8
1066	9.0	91704.5	-6712.0	1156	9.2	94841.2	-6729.4	1246	9.4	101120.0	-6736.6	1336	9.4	102319.5	-6752.8
1067	8.9	91732.0	-6716.6	1157	9.6	94842.5	-6725.6	1247	9.9	101122.5	-6754.2	1337	9.5	102323.0	-6746.6
1068	9.4	91827.0	-6750.3	1158	8.3	94930.5	-6700.6	1248	9.9	101126.0	-6745.4	1338	7.8	102330.0	-6751.7
1069	9.6	91832.0	-6750.0	1159	9.2	94952.0	-6730.1	1249	9.9	101127.5	-6753.2	1339	9.8	102330.5	-6719.2
1070	8.5	91842.8	-6749.7	1160	8.8	95002.0	-6745.0	1250	9.9	101151.5	-6735.0	1340	9.9	102332.5	-6730.5
1071	8.7	91850.8	-6735.6	1161	9.0	95002.5	-6748.8	1251	9.7	101152.5	-6745.4	1341	9.6	102335.5	-6727.6
1072	9.4	91921.5	-6757.3	1162	9.2	95016.0	-6709.6	1252	9.3	101154.5	-6745.4	1342	9.9	102344.5	-6706.6
1073	9.3	92011.2	-6731.0	1163	9.8	95047.5	-6718.1	1253	9.0	101158.5	-6744.0	1343	9.2	102345.0	-6739.0
1074	9.5	92041.3	-6753.1	1164	9.4	95106.5	-6741.4	1254	9.8	101206.5	-6727.1	1344	9.5	102356.5	-6721.4
1075	9.4	92110.2	-6746.1	1165	8.8	95129.0	-6707.7	1255	9.9	101221.5	-6727.7	1345	9.7	102406.5	-6722.8
1076	9.6	92137.5	-6748.5	1166	9.9	95138.0	-6729.8	1256	9.5	101224.5	-6746.2	1346	9.7	102412.5	-6737.2
1077	8.9	92143.0	-6722.0	1167	9.0	95316.0	-6755.8	1257	9.6	101230.5	-6753.6	1347	9.9	102420.5	-6728.4
1078	8.9	92221.0	-6739.1	1168	9.2	95403.5	-6718.0	1258	9.8	101231.5	-6747.2	1348	9.4	102421.5	-6731.6
1079	9.2	92233.5	-6714.2	1169	9.6	95418.5	-6700.0	1259	9.8	101245.0	-6749.0	1349	9.9	102422.0	-6712.7
1080	8.3	92249.5	-6723.0	1170	9.8	95433.5	-6723.2	1260	9.4	101257.0	-6751.9	1350	9.4	102429.0	-6757.3
1081	9.3	92255.5	-6745.0	1171	9.6	95448.0	-6756.1	1261	9.8	101259.5	-6729.4	1351	9.9	102431.5	-6734.8
1082	8.6	92312.3	-6749.3	1172	9.5	95505.0	-6720.0	1262	9.7	101315.5	-6756.1	1352	9.7	102433.5	-6744.9
1083	9.0	92356.3	-6752.0	1173	9.6	95519.5	-6728.4	1263	9.8	101324.5	-6747.2	1353	9.6	102436.5	-6724.0
1084	9.6	92430.8	-6745.7	1174	9.6	95542.0	-6730.3	1264	9.7	101336.5	-6716.0	1354	9.8	102442.0	-6738.2
1085	9.6	92532.5	-6732.0	1175	9.4	95549.0	-6751.3	1265	9.4	101338.0	-6757.2	1355	9.6	102442.5	-6726.0
1086	8.3	92547.0	-6728.0	1176	9.7	95601.0	-6728.1	1266	8.4	101354.7	-6731.1	1356	9.6	102445.5	-6750.7

-67 1357 10h24m

-67 1716 11h14m

1357	9.7	102452.0	-6741.8	1447	9.6	103631.0	-6724.1	1537	8.4	104639.5	-6742.1
1358	9.8	102455.0	-6742.2	1448	9.5	103652.5	-6756.2	1538	9.9	104641.0	-6743.3
1359	9.8	102504.0	-6746.4	1449	9.9	103709.5	-6748.2	1539	9.4	104642.0	-6705.2
1360	9.8	102508.5	-6745.2	1450	9.9	103709.5	-6727.2	1540	9.4	104647.5	-6701.2
1361	9.4	102509.0	-6758.8	1451	9.4	103710.0	-6736.2	1541	9.8	104659.0	-6734.9
1362	9.2	102509.5	-6736.2	1452	9.7	103715.0	-6748.8	1542	9.6	104722.0	-6731.3
1363	9.8	102511.5	-6752.2	1453	9.7	103723.5	-6755.2	1543	9.6	104733.0	-6706.4
1364	9.9	102536.0	-6709.0	1454	9.2	103731.5	-6703.3	1544	9.6	104743.5	-6705.3
1365	9.8	102539.0	-6747.2	1455	9.9	103735.5	-6733.2	1545	9.6	104745.5	-6706.2
1366	9.8	102601.0	-6700.0	1456	8.9	103737.0	-6714.8	1546	8.6	104746.0	-6753.0
1367	9.9	102606.5	-6728.2	1457	9.6	103742.0	-6746.0	1547	9.9	104758.5	-6743.2
1368	7.9	102626.0	-6754.8	1458	9.9	103758.0	-6750.3	1548	9.8	104759.0	-6718.0
1369	9.9	102627.0	-6753.8	1459	8.8	103806.0	-6714.4	1549	9.8	104801.5	-6717.5
1370	9.0	102642.0	-6755.2	1460	9.7	103814.0	-6728.1	1550	9.9	104807.0	-6728.2
1371	9.6	102704.0	-6736.4	1461	9.1	103827.0	-6723.1	1551	9.9	104820.0	-6741.2
1372	9.9	102704.5	-6728.8	1462	9.9	103831.0	-6740.8	1552	8.8	104825.0	-6732.8
1373	9.7	102704.5	-6728.5	1463	9.9	103837.0	-6728.1	1553	9.9	104826.5	-6709.1
1374	9.8	102709.0	-6741.1	1464	9.5	103838.5	-6712.9	1554	9.5	104826.5	-6721.5
1375	8.1	102719.0	-6703.7	1465	9.6	103838.5	-6727.1	1555	9.9	104833.0	-6714.4
1376	9.9	102720.5	-6725.8	1466	9.0	103847.5	-6707.2	1556	9.9	104835.0	-6732.2
1377	9.8	102728.0	-6725.9	1467	9.9	103848.5	-6751.0	1557	9.5	104837.5	-6714.5
1378	9.9	102730.0	-6737.8	1468	9.6	103850.5	-6709.8	1558	9.4	104839.5	-6758.0
1379	9.8	102739.5	-6720.4	1469	9.4	103909.0	-6737.2	1559	9.4	104904.0	-6728.2
1380	9.6	102800.0	-6759.2	1470	9.5	103913.5	-6726.6	1560	9.7	104909.0	-6752.7
1381	9.6	102822.0	-6743.0	1471	9.6	103920.0	-6724.2	1561	9.9	104916.5	-6713.1
1382	9.8	102824.5	-6730.8	1472	9.7	103923.5	-6706.3	1562	9.9	104921.5	-6729.7
1383	9.4	102832.5	-6757.3	1473	9.7	103938.5	-6725.6	1563	9.5	104923.0	-6741.2
1384	9.7	102847.0	-6722.0	1474	9.5	103940.5	-6732.2	1564	9.9	104930.5	-6722.6
1385	9.9	102850.0	-6748.3	1475	9.6	103943.0	-6701.7	1565	9.7	104938.5	-6737.0
1386	9.7	102909.5	-6724.4	1476	9.8	103945.0	-6750.8	1566	9.8	104940.0	-6740.9
1387	9.0	102920.0	-6703.0	1477	9.8	103945.5	-6750.6	1567	9.6	104941.5	-6756.2
1388	9.8	102921.0	-6705.1	1478	9.2	103948.0	-6706.2	1568	9.6	104942.0	-6756.0
1389	9.9	102925.0	-6741.0	1479	9.8	104000.5	-6703.4	1569	9.2	104943.0	-6705.4
1390	9.9	102934.0	-6754.2	1480	9.9	104006.5	-6702.5	1570	9.6	104946.0	-6754.6
1391	9.2	102940.5	-6757.3	1481	9.5	104008.5	-6713.3	1571	9.9	104949.0	-6722.2
1392	9.8	102947.0	-6704.9	1482	9.9	104015.5	-6754.8	1572	9.6	104950.5	-6717.1
1393	9.9	102949.0	-6757.0	1483	8.3	104018.0	-6755.9	1573	9.9	105001.5	-6723.6
1394	9.8	103006.0	-6759.2	1484	9.6	104021.5	-6708.3	1574	9.6	105003.0	-6704.3
1395	9.6	103011.0	-6750.1	1485	8.4	104031.0	-6735.4	1575	9.8	105010.0	-6734.9
1396	9.9	103020.5	-6757.2	1486	9.7	104031.5	-6752.2	1576	9.5	105011.5	-6723.0
1397	9.2	103022.5	-6748.8	1487	9.9	104034.0	-6751.1	1577	9.6	105013.5	-6755.4
1398	9.8	103025.0	-6711.3	1488	9.6	104040.0	-6724.0	1578	9.7	105019.0	-6704.6
1399	9.6	103045.5	-6702.3	1489	9.5	104101.5	-6711.8	1579	9.6	105026.3	-6741.7
1400	9.4	103054.0	-6759.1	1490	9.2	104109.0	-6709.6	1580	9.0	105027.5	-6738.0
1401	9.9	103115.0	-6728.9	1491	9.9	104121.0	-6739.3	1581	9.8	105029.5	-6759.2
1402	9.4	103120.0	-6746.0	1492	9.6	104134.0	-6757.0	1582	8.1	105036.3	-6740.0
1403	9.9	103120.0	-6745.6	1493	9.9	104137.0	-6757.8	1583	9.8	105041.5	-6722.9
1404	9.9	103145.5	-6709.6	1494	8.7	104140.5	-6728.4	1584	9.9	105044.0	-6736.1
1405	9.5	103154.0	-6739.5	1495	9.8	104142.0	-6731.9	1585	9.5	105046.5	-6708.3
1406	9.2	103155.5	-6703.9	1496	9.9	104145.0	-6755.6	1586	9.8	105047.0	-6702.0
1407	9.9	103158.5	-6712.8	1497	9.9	104156.5	-6728.2	1587	9.7	105052.0	-6741.1
1408	9.2	103203.0	-6701.7	1498	8.6	104212.5	-6739.0	1588	9.8	105053.5	-6728.5
1409	9.5	103208.5	-6747.2	1499	9.7	104217.5	-6750.6	1589	9.4	105059.5	-6741.3
1410	9.6	103213.0	-6752.9	1500	9.9	104219.0	-6732.1	1590	9.8	105122.5	-6712.2
1411	9.9	103225.0	-6702.0	1501	9.6	104219.5	-6749.9	1591	9.4	105126.0	-6753.7
1412	9.6	103231.5	-6724.9	1502	9.8	104225.0	-6728.3	1592	9.5	105128.5	-6734.8
1413	9.9	103232.5	-6709.8	1503	9.9	104230.0	-6739.0	1593	9.9	105133.0	-6730.8
1414	9.8	103233.0	-6759.6	1504	9.0	104234.0	-6735.8	1594	9.9	105207.0	-6733.2
1415	9.9	103236.5	-6730.5	1505	9.4	104238.0	-6701.9	1595	9.2	105208.5	-6706.9
1416	8.6	103239.0	-6735.6	1506	9.9	104246.5	-6747.7	1596	9.7	105211.5	-6725.5
1417	9.3	103241.0	-6754.8	1507	9.9	104250.5	-6751.1	1597	9.9	105213.5	-6720.8
1418	9.6	103242.0	-6720.9	1508	9.8	104256.0	-6729.3	1598	9.4	105224.0	-6716.6
1419	9.5	103253.5	-6731.1	1509	9.4	104258.0	-6718.0	1599	9.2	105232.5	-6727.5
1420	9.5	103256.5	-6724.1	1510	9.7	104317.0	-6704.1	1600	9.6	105240.5	-6746.3
1421	9.9	103259.5	-6723.7	1511	9.4	104324.5	-6701.0	1601	9.2	105247.0	-6709.1
1422	9.9	103300.0	-6704.2	1512	9.8	104346.5	-6740.2	1602	9.7	105255.0	-6716.2
1423	9.4	103300.0	-6748.1	1513	9.9	104402.0	-6744.8	1603	9.8	105326.5	-6759.7
1424	9.8	103310.0	-6728.1	1514	9.8	104403.5	-6736.0	1604	9.8	105327.5	-6717.5
1425	9.7	103314.0	-6750.8	1515	9.7	104417.5	-6728.1	1605	9.2	105327.5	-6745.1
1426	9.8	103316.0	-6733.9	1516	9.4	104420.0	-6709.3	1606	9.8	105332.0	-6730.3
1427	9.8	103317.5	-6717.1	1517	9.6	104425.0	-6730.6	1607	9.0	105337.0	-6729.8
1428	9.6	103321.5	-6728.6	1518	9.8	104440.5	-6727.3	1608	9.9	105338.5	-6725.0
1429	9.6	103323.5	-6744.2	1519	9.7	104440.5	-6748.8	1609	9.8	105344.0	-6755.7
1430	9.9	103330.5	-6712.0	1520	9.8	104442.5	-6759.9	1610	9.7	105346.5	-6729.7
1431	9.7	103350.0	-6738.2	1521	8.9	104450.0	-6738.8	1611	9.5	105407.5	-6711.1
1432	9.6	103354.0	-6738.2	1522	9.9	104457.0	-6705.3	1612	9.8	105422.5	-6716.2
1433	9.8	103354.0	-6749.2	1523	8.5	104459.0	-6742.2	1613	9.8	105425.0	-6728.8
1434	9.4	103410.5	-6730.9	1524	9.7	104501.0	-6746.1	1614	9.8	105433.0	-6756.1
1435	9.8	103417.0	-6755.2	1525	9.7	104504.0	-6732.0	1615	9.2	105441.0	-6731.0
1436	9.4	103423.0	-6757.0	1526	9.4	104508.0	-6753.2	1616	9.8	105441.0	-6704.3
1437	9.9	103444.0	-6746.1	1527	9.2	104509.0	-6721.7	1617	9.9	105441.5	-6732.8
1438	9.7	103504.5	-6708.1	1528	9.9	104520.0	-6740.0	1618	9.8	105444.0	-6727.7
1439	9.9	103506.0	-6755.1	1529	9.8	104525.0	-6742.2	1619	9.8	105455.5	-6739.7
1440	9.6	103515.0	-6714.0	1530	9.9	104529.0	-6737.2	1620	9.5	105500.0	-6740.9
1441	9.8	103535.0	-6745.4	1531	9.6	104533.5	-6744.6	1621	9.6	105510.0	-6718.3
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1443	9.9	103543.0	-6724.6	1533	9.2	104548.5	-6727.6	1623	9.6	105553.0	-6714.4
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1446	9.9	103627.0	-6726.5	1536	9.6	104618.5	-6742.3	1626	9.3	105651.5	-6754.3
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1628	9.1	105713.0	-6702.3								
1629	8.4	105724.0	-6746.1								
1630	9.9	105734.5	-6705.2								
1631	9.2	105735.5	-6732.9								
1632	9.1	105753.5	-6736.3								
1633	9.8	105800.0	-6710.5								
1634	9.3	105800.5	-6741.3								
1635	9.5	105805.0	-6725.8								
1636	9.2	105816.8	-6714.2								
1637	9.6	105849.0	-6757.2								
1638	9.2	105926.5	-6750.2								
1639	9.9	105938.3	-6707.0								
1640	9.1	105949.5	-6703.9								
1641	8.8	105951.5	-6720.5								
1642	9.6	105957.8	-6721.0								
1643	9.0	110024.0	-6718.3								
1644	8.8	110049.2	-6713.7								
1645	9.4	110102.0	-6757.4								
1646	9.0	110119.0	-6721.6								
1647	8.2	110151.5	-6715.0								
1648	9.4	110151.5	-6712.3								
1649	9.4	110152.0	-6703.0								
1650	9.7	110241.0	-6715.9								
1651	9.2	110237.5	-6744.6								
1652	9.7	110247.5	-6707.5								
1653	9.7	110301.5	-6731.0								
1654	9.0	110307.0	-6736.0								
1655	8.8	110309.5	-6755.5								
1656	8.8	110312.5	-6734.7								
1657	9.2	110314.0	-6711.7								
1658	9.6	110320.0	-6738.6								
1659	9.2	110330.7	-6731.1								
1660	9.3	110339.0	-6715.2								
1661	8.9	110404.0	-6740.5								
1662	9.6	110411.0	-6754.3								
1663	9.0	110432.5	-6704.9								
1664	9.4	110434.0	-6755.0								
1665	9.0	110506.0	-6724.2								
1666	9.5	110521.5	-6711.8								
1667	9.7	110530.7	-6728.0								
1668	9.5	110539.5	-6704.0								
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1670	9.6	110557.0	-6753.9								
1671	9.5	110617.5	-6703.3								
1672	9.6	110618.5	-6737.6								
1673	8.9	110626.5	-6747.6								
1674	8.9	110640.2	-6759.3								
1675	9.7	110640.5	-6703.2								
1676	9.5	110651.5	-6719.7								
1677	9.3	110723.5	-6707.0								
1678	8.1	110739.5	-6719.6								
1679	9.5	110745.0	-6730.9								
1680	9.7	110748.0	-6727.7								
1681	9.7	110803.0	-6719.7								
1682	9.2	110818.0	-6749.5								
1683	9.6	110845.5	-6752.0								
1684	9.0	110858.5	-6706.2								
1685	9.2	110901.5	-6704.2								
1686	9.7	110912.5	-6701.4								
1687	9.6	110913.0	-6753.3								
1688	9.7	110938.0	-6734.4								
1689	8.4	110956.5	-6738.8								
1690	9.2	111031.5	-6709.8								
1691	9.7	111032.0	-6717.7								
1692	9.7	111042.0	-6732.6								
1693	9.5	111043.0	-6705.0								
1694	8.8	111107.5	-6731.0								
1695	9.6	111113.5	-6733.6								
1696	9.5	111120.5	-6739.9								
1697	9.0	111121.7	-6733.0								
1698	9.6	111155.5	-6747.1								
1699	9.0	111157.5	-6739.9								
1700	9.4	111207.0	-6718.8								
1701	9.0	111208.0	-6743.2								
1702	8.8	111211.5	-6721.0								
1703	8.5	111213.0	-6708.4								
1704	8.4	111232.0	-6726.1								
1705	9.0	111249.5	-6716.3								
1706	8.4	111300.0	-6745.2								
1707	9.6	111301.0	-6728.9								
1708	9.2	111304.5	-6746.1								
1709	9.5	111309.5	-6727.1								
1710	9.7	111318.3	-6705.3								
1711	9.0	111340.5	-6701.9								
1712	8.9	111342.5	-6758.3								
1713	9.2	111348.0	-6732.4								
1714	8.9	111421.0	-6735.5								
1715	9.6	111422.5	-6749.7								
1716	9.7	111428.0	-6711.3								

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1717	9.2	111505.5	-6705.7	1807	9.6	113831.5	-6732.4	1897	8.6	115844.0	-6743.0
1718	9.5	111513.2	-6757.2	1808	9.0	113834.5	-6732.5	1898	9.6	115859.0	-6756.7
1719	9.7	111516.0	-6730.0	1809	9.6	113834.5	-6737.9	1899	9.0	115859.0	-6752.4
1720	9.4	111539.5	-6729.9	1810	8.6	113920.9	-6700.3	1900	8.2	115903.0	-6709.2
1721	9.0	111545.0	-6712.0	1811	9.6	113937.5	-6735.5	1901	9.2	115907.5	-6720.0
1722	9.7	111548.0	-6707.4	1812	9.0	113938.2	-6746.2	1902	9.5	115919.5	-6702.2
1723	9.2	111605.5	-6731.3	1813	9.7	113939.5	-6733.3	1903	8.0	115950.5	-6757.4
1724	9.1	111643.0	-6759.1	1814	9.7	114007.5	-6702.2	1904	9.2	115953.0	-6741.6
1725	9.4	111649.5	-6720.9	1815	9.8	114029.0	-6712.5	1905	9.2	120032.0	-6748.0
1726	9.7	111651.5	-6703.7	1816	9.3	114033.8	-6726.0	1906	9.4	120048.0	-6731.6
1727	9.1	111713.5	-6706.2	1817	8.8	114039.8	-6711.4	1907	8.8	120122.0	-6711.2
1728	9.4	111752.5	-6713.7	1818	9.4	114110.5	-6708.7	1908	9.9	120157.0	-6718.2
1729	8.9	111757.5	-6735.0	1819	9.0	114150.5	-6704.3	1909	9.2	120208.0	-6706.7
1730	9.6	111807.5	-6704.8	1820	9.8	114151.5	-6717.9	1910	8.0	120211.5	-6756.6
1731	9.0	111816.0	-6733.9	1821	8.2	114214.5	-6750.4	1911	9.6	120215.5	-6706.2
1732	9.6	111824.5	-6759.1	1822	9.2	114227.0	-6719.9	1912	9.2	120253.5	-6707.0
1733	9.4	111931.0	-6712.1	1823	9.2	114240.0	-6749.9	1913	9.8	120307.0	-6718.0
1734	9.4	111937.0	-6713.4	1824	9.2	114241.0	-6715.3	1914	9.9	120315.0	-6718.6
1735	9.5	111937.5	-6734.5	1825	9.2	114252.0	-6709.9	1915	8.8	120413.0	-6702.4
1736	9.6	111943.0	-6754.5	1826	9.4	114320.0	-6749.7	1916	8.2	120423.0	-6733.8
1737	9.4	111952.5	-6701.9	1827	9.6	114336.5	-6731.4	1917	9.9	120433.0	-6733.3
1738	9.0	111953.0	-6751.4	1828	9.8	114345.5	-6719.2	1918	8.8	120449.5	-6705.6
1739	9.5	112010.0	-6705.1	1829	9.2	114355.5	-6716.9	1919	9.2	120530.0	-6722.3
1740	8.8	112010.5	-6721.0	1830	9.4	114410.0	-6749.1	1920	9.6	120725.0	-6756.2
1741	9.4	112016.5	-6730.1	1831	9.6	114423.5	-6754.7	1921	8.5	120733.0	-6702.8
1742	9.7	112040.7	-6730.9	1832	9.7	114425.0	-6704.0	1922	9.4	120741.0	-6707.0
1743	8.8	112128.0	-6755.2	1833	9.4	114431.5	-6729.5	1923	9.9	120752.0	-6731.0
1744	9.6	112128.7	-6758.4	1834	9.9	114435.0	-6700.9	1924	9.4	120845.5	-6737.7
1745	9.4	112219.5	-6731.3	1835	9.9	114444.0	-6731.1	1925	9.1	120851.5	-6712.0
1746	9.6	112242.0	-6741.8	1836	8.8	114454.5	-6723.1	1926	9.7	120914.5	-6727.1
1747	9.5	112258.5	-6711.9	1837	9.2	114512.0	-6756.7	1927	9.5	120946.5	-6703.2
1748	9.4	112320.5	-6708.8	1838	9.2	114526.0	-6757.5	1928	9.6	121015.5	-6724.7
1749	9.6	112357.0	-6729.1	1839	9.9	114529.0	-6709.0	1929	9.2	121023.5	-6745.7
1750	9.6	112404.0	-6753.8	1840	9.6	114530.0	-6752.3	1930	9.2	121032.0	-6753.1
1751	8.9	112412.5	-6745.2	1841	9.0	114533.0	-6728.7	1931	6.6	121049.5	-6715.8
1752	9.2	112505.5	-6717.1	1842	9.0	114546.0	-6727.9	1932	9.6	121103.0	-6743.2
1753	9.5	112519.0	-6729.7	1843	9.2	114555.5	-6721.6	1933	9.9	121220.0	-6714.0
1754	9.3	112523.0	-6724.4	1844	9.8	114558.5	-6734.0	1934	9.9	121242.5	-6735.0
1755	8.3	112606.5	-6702.6	1845	9.4	114609.0	-6704.8	1935	9.6	121312.0	-6703.7
1756	9.3	112608.0	-6725.0	1846	9.2	114636.5	-6747.7	1936	9.0	121326.5	-6759.0
1757	9.2	112616.0	-6723.0	1847	9.4	114639.0	-6718.8	1937	9.9	121412.0	-6714.0
1758	8.6	112621.0	-6722.0	1848	9.9	114644.5	-6726.2	1938	9.9	121431.0	-6720.0
1759	9.1	112657.0	-6741.9	1849	9.5	114714.0	-6726.0	1939	7.2	121513.5	-6736.8
1760	9.6	112714.0	-6732.5	1850	9.2	114719.0	-6750.0	1940	9.9	121537.5	-6701.0
1761	9.6	112726.5	-6736.6	1851	9.2	114720.5	-6736.6	1941	8.1	121550.5	-6707.2
1762	9.1	112726.5	-6737.3	1852	9.5	114737.5	-6727.3	1942	9.9	121603.5	-6710.7
1763	9.0	112728.5	-6751.1	1853	9.5	114743.5	-6732.5	1943	9.9	121711.5	-6702.9
1764	9.6	112732.0	-6757.6	1854	8.9	114828.5	-6737.7	1944	9.7	121717.5	-6714.2
1765	8.2	112904.0	-6754.5	1855	8.4	114920.0	-6740.4	1945	8.5	121744.0	-6747.3
1766	8.3	112922.5	-6745.6	1856	9.8	114921.5	-6716.6	1946	8.3	121757.5	-6744.5
1767	9.4	112929.0	-6712.8	1857	9.5	114921.5	-6700.3	1947	9.3	121825.7	-6717.1
1768	8.8	112929.0	-6727.5	1858	8.7	114932.5	-6751.2	1948	9.1	121837.0	-6743.7
1769	9.7	112929.5	-6714.0	1859	9.2	114947.0	-6705.0	1949	9.9	121838.0	-6702.0
1770	9.4	112944.0	-6739.8	1860	9.9	115015.0	-6712.0	1950	9.5	121915.0	5743.5
1771	9.7	112949.5	-6713.6	1861	9.9	115021.0	-6716.8	1951	9.6	121929.5	-6746.6
1772	8.6	112958.5	-6714.4	1862	9.3	115025.0	-6704.0	1952	9.6	121957.0	-6741.7
1773	9.4	113001.0	-6757.3	1863	8.8	115031.5	-6737.1	1953	9.6	122016.0	-6725.3
1774	9.4	113040.2	-6734.7	1864	9.6	115103.0	-6702.3	1954	9.9	122052.0	-6705.2
1775	8.9	113122.0	-6754.0	1865	9.5	115110.0	-6739.6	1955	9.5	122053.5	-6738.1
1776	9.3	113202.0	-6745.3	1866	9.8	115125.0	-6710.2	1956	9.9	122055.5	-6711.4
1777	9.6	113205.5	-6746.3	1867	9.9	115127.0	-6732.6	1957	8.9	122105.0	-6757.8
1778	9.5	113213.5	-6725.4	1868	9.9	115128.3	-6700.4	1958	9.6	122112.5	-6710.0
1779	8.7	113241.0	-6745.8	1869	9.9	115131.0	-6720.5	1959	9.5	122115.0	-6751.2
1780	9.6	113309.5	-6729.6	1870	9.4	115144.5	-6722.2	1960	9.6	122120.0	-6707.1
1781	9.7	113345.5	-6724.5	1871	9.4	115156.0	-6734.8	1961	9.5	122144.5	-6759.2
1782	9.7	113401.0	-6706.6	1872	9.4	115158.5	-6750.8	1962	9.2	122159.8	-6753.9
1783	9.6	113415.5	-6741.3	1873	9.9	115225.5	-6711.0	1963	9.4	122200.0	-6753.0
1784	9.4	113431.5	-6715.3	1874	9.4	115232.0	-6749.0	1964	10.0	122231.5	-6724.5
1785	9.4	113441.5	-6710.9	1875	9.4	115240.5	-6756.4	1965	9.6	122252.0	-6731.5
1786	9.4	113449.0	-6709.2	1876	9.9	115300.0	-6727.3	1966	10.0	122254.5	-6734.1
1787	9.0	113500.5	-6727.8	1877	9.0	115317.5	-6741.6	1967	10.0	122257.0	-6728.7
1788	9.6	113520.3	-6747.8	1878	9.9	115326.0	-6719.0	1968	10.0	122257.5	-6708.3
1789	9.3	113521.5	-6719.9	1879	7.6	115331.5	-6738.4	1969	9.7	122315.5	-6718.1
1790	9.7	113525.5	-6731.9	1880	9.4	115350.0	-6752.3	1970	9.6	122329.5	-6731.0
1791	9.6	113546.5	-6749.4	1881	8.9	115352.0	-6704.9	1971	9.4	122334.5	-6754.6
1792	8.8	113552.0	-6713.2	1882	8.6	115404.0	-6739.4	1972	9.2	122342.5	-6745.5
1793	9.2	113626.5	-6708.9	1883	9.0	115407.0	-6732.4	1973	9.4	122359.0	-6747.6
1794	8.8	113630.5	-6719.1	1884	9.6	115437.0	-6750.7	1974	10.0	122401.0	-6700.2
1795	9.2	113631.5	-6728.7	1885	9.5	115510.0	-6713.0	1975	10.0	122404.0	-6734.5
1796	9.0	113640.3	-6742.3	1886	9.9	115539.5	-6714.8	1976	9.5	122415.5	-6750.1
1797	9.4	113642.5	-6719.5	1887	9.2	115546.5	-6726.5	1977	9.4	122426.0	-6704.7
1798	9.5	113658.3	-6740.9	1888	9.1	115552.0	-6709.3	1978	9.7	122434.5	-6737.0
1799	9.6	113702.3	-6736.3	1889	9.9	115608.5	-6726.8	1979	9.7	122436.0	-6749.2
1800	9.6	113707.0	-6734.5	1890	8.8	115625.0	-6724.0	1980	9.2	122443.0	-6740.1
1801	8.9	113708.0	-6748.9	1891	7.9	115628.5	-6753.4	1981	10.0	122447.0	-6727.1
1802	9.6	113713.5	-6746.7	1892	9.5	115638.0	-6711.9	1982	9.6	122451.0	-6718.1
1803	9.4	113732.5	-6711.9	1893	9.4	115639.5	-6726.8	1983	9.5	122451.0	-6754.4
1804	7.8	113747.3	-6747.2	1894	8.2	115716.0	-6736.4	1984	9.4	122454.5	-6754.7
1805	8.8	113809.5	-6726.8	1895	9.6	115752.5	-6701.1	1985	10.0	122458.0	-6728.9
1806	9.0	113811.0	-6714.9	1896	5.8	115811.5	-6738.0	1986	9.9	122509.5	-6730.0

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1987	9.2	122511.5	-6711.9	2007	10.0	122742.5	-6727.5	2037	9.4	123313.0	-6725.9
1988	9.7	122518.5	-6710.5	2008	9.7	122809.5	-6752.3	2038	8.8	123322.5	-6703.2
1989	8.3	122524.0	-6725.3	2009	7.4	122810.5	-6739.7	2039	10.0	123337.0	-6721.7
1990	9.5	122547.5	-6741.1	2010	9.5	122813.5	-6742.1	2040	8.2	123348.5	-6753.2
1991	9.0	122552.0	-6754.1	2011	9.2	122827.0	-6717.1	2041	10.0	123350.5	-6715.0
1992	9.3	122554.0	-6752.1	2012	10.0	122830.0	-6718.1	2042	9.6	123405.5	-6746.8
1993	9.9	122609.5	-6709.7	2013	9.4	122840.5	-6705.9	2043	9.8	123421.0	-6707.3
1994	10.0	122630.0	-6706.1	2014	10.0	122842.0	-6715.3	2044	8.8	123423.5	-6706.3
1995	9.7	122648.5	-6728.4	2015	9.0	122852.0	-6731.5	2045	9.6	123505.5	-6709.3
1996	9.8	122653.0	-6710.6	2016	9.4	122857.0	-6702.0	2046	9.7	123520.5	-6728.2
1997	10.0	122706.5	-6722.0	2017	10.0	122903.0	-6732.1	2047	9.2	123524.0	-6729.9
1998	9.2	122708.0	-6702.1	2018	9.5	122916.0	-6734.2	2048	9.6	123530.0	-6733.1
1999	10.0	122710.5	-6709.8	2019	9.8	122919.5	-6705.9	2049	10.0	123610.5	-6706.6
2000	9.6	122712.5	-6742.9	2020	9.0	122932.0	-6755.4	2050	9.7	123611.0	-6749.4
2001	9.0	122715.5	-6712.5	2021	9.2	122951.5	-6709.3	2051	9.6	123625.5	-6726.2
2002	9.8	122720.0	-6715.9	2022	9.7	123002.5	-6748.0	2052	8.7	123655.0	-6752.1
2003	9.5	122726.0	-6735.4	2023	9.4	123005.0	-6702.0	2053	9.5	123657.0	-6714.3
2004	8.5	122730.0	-6749.0	2024	9.9	123005.5	-6701.0	2054	10.0	123659.0	-6716.6
2005	8.2	122736.5	-6704.1	2025	8.5	123015.5	-6710.5	2055	9.9	123708.0	-6715.7
2006	9.1	122737.0	-6714.6	2026	9.4	123034.5	-6735.1	2056	10.0	123721.0	-6701.7
2007	10.0	122742.5	-6727.5	2027	9.8	123043.5	-6711.2	2057	10.0	123722.0	-6714.0
2008	9.7	122809.5	-6752.3	2028	9.0	123103.5	-6711.3	2058	9.8	123729.5	-6711.9
2009	7.4	122810.5	-6739.7	2029	9.6	123151.5	-6712.0	2059	9.3	123731.5	-6706.2
2010	9.5	122813.5	-6742.1	2030	10.0	123203.5	-6728.1	2060	9.8	123735.5	-6730.9
2011	9.2	122827.0	-6717.1	2031	9.7	123219.0	-6722.5	2061	9.9	123738.0	-6706.7
2012	10.0	122830.0	-6718.1	2032	9.1	123226.5	-6754.0	2062	9.4	123819.0	-6701.1
2013	9.4	122840.5	-6705.9	2033	9.0	123230.5	-6715.9	2063	8.6	123828.0	-6740.8
2014	10.0	122842.0	-6715.3	2034	9.2	123236.5	-6707.9	2064	4.1	123837.5	-6725.3
2015	9.0	122852.0	-6731.5	2035	10.0	123300.5	-6716.3	2065	9.9	123844.5	-6700.9
2016	9.4	122857.0	-6702.0	2036	9.8	123309.5	-6709.1	2066	9.4	123844.5	-6758.5
2017	10.0	122903.0	-6732.1	2037	9.4	123313.0	-6725.9	2067	10.0	123857.0	-6733.0
2018	9.5	122916.0	-6734.2	2038	8.8	123322.5	-6703.2	2068	9.1	123902.5	-6731.9
2019	9.8	122919.5	-6705.9	2039	10.0	123337.0	-6721.7	2069	9.7	123916.5	-6734.1
2020	9.0	122932.0	-6755.4	2040	8.2	123348.5	-6753.2	2070	9.9	123918.0	-6724.1
2021	9.2	122951.5	-6709.3	2041	10.0	123350.5	-6715.0	2071	9.9	123938.2	-6732.1
2022	9.7	123002.5	-6748.0	2042	9.6	123405.5	-6746.8	2072	9.3	124003.5	-6715.2
2023	9.4	123005.0	-6702.0	2043	9.8	123421.0	-6707.3	2073	9.4	124018.5	-6741.5
2024	9.9	123005.5	-6701.0	2044	8.8	123423.5	-6706.3	2074	8.2	124020.0	-6735.5
2025	8.5	123015.5	-6710.5	2045	9.6	123505.5	-6709.3	2075	9.7	124035.5	-6744.0
2026	9.4	123034.5	-6735.1	2046	9.7	123520.5	-6728.2	2076	9.5	124036.5	-6715.5

-67 2077 12h41m

-67 2436 13h47m

2077	10.0	124101.0	-6710.1	2167	9.5	125512.7	-6727.0	2257	9.5	131324.5	-6721.8
2078	9.8	124105.0	-6706.4	2168	9.6	125525.0	-6740.8	2258	9.4	131353.0	-6723.9
2079	8.1	124105.5	-6744.8	2169	10.0	125602.0	-6719.1	2259	9.4	131358.5	-6718.6
2080	9.2	124114.5	-6725.0	2170	9.2	125612.5	-6727.7	2260	9.3	131359.5	-6734.0
2081	9.3	124128.5	-6728.2	2171	9.6	125719.5	-6739.7	2261	9.8	131416.0	-6704.0
2082	10.0	124129.0	-6707.0	2172	9.1	125739.5	-6720.0	2262	9.5	131428.5	-6733.0
2083	9.4	124140.0	-6739.0	2173	8.7	125739.5	-6740.9	2263	9.9	131438.0	-6752.8
2084	9.2	124147.5	-6716.3	2174	9.0	125745.0	-6754.0	2264	9.9	131457.5	-6734.2
2085	9.3	124157.5	-6716.3	2175	9.2	125758.0	-6729.3	2265	9.9	131457.5	-6750.2
2086	9.0	124209.0	-6756.1	2176	9.6	125803.0	-6749.0	2266	9.7	131505.0	-6715.4
2087	9.5	124213.0	-6754.9	2177	8.9	125807.5	-6704.7	2267	9.8	131505.5	-6707.0
2088	9.6	124221.0	-6712.3	2178	8.6	125819.0	-6726.1	2268	9.9	131542.5	-6731.4
2089	9.4	124229.0	-6747.1	2179	10.0	125820.5	-6731.8	2269	9.9	131602.5	-6737.8
2090	9.1	124250.0	-6724.4	2180	10.0	125830.7	-6720.9	2270	9.9	131605.5	-6726.1
2091	9.2	124250.5	-6714.1	2181	9.9	125846.0	-6723.7	2271	9.3	131606.5	-6710.0
2092	8.1	124252.5	-6741.4	2182	9.5	125911.3	-6727.9	2272	9.8	131629.0	-6710.0
2093	9.2	124253.5	-6726.8	2183	9.6	125919.0	-6703.7	2273	9.5	131632.5	-6713.3
2094	8.8	124300.0	-6740.0	2184	9.9	125921.5	-6700.0	2274	8.5	131640.5	-6731.3
2095	10.0	124308.5	-6705.2	2185	9.2	125922.8	-6717.6	2275	8.0	131643.0	-6752.6
2096	9.6	124317.0	-6729.5	2186	9.6	125934.0	-6753.0	2276	9.7	131648.0	-6733.6
2097	10.0	124337.5	-6733.1	2187	9.8	125938.2	-6733.7	2277	9.9	131657.0	-6740.8
2098	10.0	124350.0	-6703.7	2188	9.8	125948.0	-6705.0	2278	9.5	131740.0	-6742.1
2099	9.4	124352.0	-6702.1	2189	9.6	125958.8	-6723.3	2279	9.6	131747.5	-6701.0
2100	9.3	124352.5	-6742.1	2190	9.6	130006.5	-6721.8	2280	9.5	131820.5	-6706.6
2101	10.0	124357.0	-6731.0	2191	9.4	130010.0	-6715.9	2281	9.9	131833.5	-6753.1
2102	9.6	124400.0	-6734.1	2192	8.6	130011.8	-6707.7	2282	9.3	131905.5	-6739.0
2103	9.2	124402.0	-6708.3	2193	8.9	130018.0	-6713.1	2283	9.2	131907.0	-6727.0
2104	9.6	124402.0	-6756.4	2194	9.5	130040.0	-6751.0	2284	9.1	131917.5	-6758.4
2105	10.0	124446.5	-6710.2	2195	9.6	130040.5	-6709.7	2285	9.7	131918.5	-6717.0
2106	9.2	124515.0	-6739.2	2196	9.5	130041.9	-6725.5	2286	7.4	131936.0	-6713.1
2107	9.2	124546.0	-6704.9	2197	9.7	130052.0	-6701.1	2287	8.4	131949.0	-6749.0
2108	9.6	124548.0	-6738.4	2198	9.8	130053.2	-6725.5	2288	9.0	132023.0	-6703.2
2109	10.0	124558.0	-6728.9	2199	9.5	130059.0	-6752.4	2289	9.7	132023.5	-6759.5
2110	9.6	124558.5	-6725.3	2200	8.7	130136.0	-6743.5	2290	9.9	132023.5	-6740.6
2111	9.6	124603.5	-6717.1	2201	9.5	130148.0	-6737.0	2291	9.9	132040.5	-6720.0
2112	10.0	124604.5	-6721.5	2202	9.4	130152.0	-6709.7	2292	9.9	132042.0	-6712.3
2113	9.7	124626.5	-6747.1	2203	9.7	130257.0	-6704.9	2293	9.9	132054.5	-6720.1
2114	9.9	124637.0	-6705.9	2204	9.2	130308.0	-6746.4	2294	9.9	132115.0	-6750.2
2115	9.2	124720.5	-6749.1	2205	9.0	130321.5	-6750.5	2295	9.6	132118.5	-6706.7
2116	9.5	124722.0	-6739.0	2206	8.9	130325.5	-6744.2	2296	9.8	132206.0	-6727.1
2117	8.4	124734.0	-6735.1	2207	9.5	130328.0	-6757.0	2297	9.3	132258.2	-6728.5
2118	9.4	124734.5	-6745.2	2208	9.1	130351.5	-6704.3	2298	9.7	132300.0	-6756.9
2119	9.2	124758.5	-6748.4	2209	9.8	130403.0	-6723.7	2299	9.9	132310.5	-6739.6
2120	9.4	124758.5	-6758.8	2210	9.7	130414.0	-6705.2	2300	9.5	132316.0	-6716.8
2121	9.4	124809.0	-6749.9	2211	9.4	130434.0	-6750.5	2301	9.6	132405.0	-6729.1
2122	10.0	124816.5	-6708.1	2212	9.8	130446.5	-6748.1	2302	9.9	132405.5	-6734.1
2123	10.0	124821.5	-6706.5	2213	7.9	130500.0	-6750.1	2303	9.5	132417.0	-6723.8
2124	9.4	124833.5	-6730.1	2214	9.7	130506.0	-6730.6	2304	9.9	132433.5	-6747.4
2125	9.5	124840.5	-6752.7	2215	9.4	130506.5	-6745.5	2305	8.5	132446.5	-6752.5
2126	10.0	124905.5	-6703.4	2216	9.5	130519.0	-6746.6	2306	9.7	132518.5	-6701.8
2127	9.4	124919.0	-6738.6	2217	9.0	130520.5	-6715.8	2307	9.9	132524.5	-6738.9
2128	10.0	124929.0	-6715.1	2218	9.3	130539.5	-6730.0	2308	9.9	132559.5	-6713.3
2129	7.5	124929.0	-6716.9	2219	9.9	130602.0	-6711.0	2309	9.3	132620.0	-6701.4
2130	9.5	124933.5	-6713.7	2220	9.7	130616.0	-6754.1	2310	9.7	132620.5	-6725.2
2131	9.3	124940.5	-6713.1	2221	9.9	130624.5	-6710.7	2311	9.7	132633.5	-6725.9
2132	9.6	124942.5	-6739.1	2222	9.9	130636.5	-6735.8	2312	9.7	132654.0	-6746.5
2133	8.9	124944.5	-6748.3	2223	8.8	130642.0	-6712.8	2313	9.8	132700.5	-6719.8
2134	10.0	125002.5	-6704.1	2224	5.6	130647.5	-6713.9	2314	9.2	132726.5	-6754.2
2135	9.2	125004.0	-6708.9	2225	9.9	130706.0	-6713.6	2315	9.9	132737.0	-6707.4
2136	9.2	125004.5	-6738.3	2226	9.9	130714.2	-6747.9	2316	9.7	132759.5	-6724.1
2137	9.1	125010.0	-6744.6	2227	8.6	130729.3	-6753.8	2317	9.4	132805.5	-6706.3
2138	9.8	125012.0	-6708.9	2228	9.4	130745.0	-6741.8	2318	8.9	132812.5	-6704.3
2139	9.5	125032.0	-6727.9	2229	9.9	130811.5	-6710.0	2319	9.9	132828.5	-6715.3
2140	9.5	125032.2	-6733.3	2230	9.9	130816.0	-6708.2	2320	9.0	132844.0	-6704.3
2141	9.9	125048.5	-6707.1	2231	9.1	130832.5	-6758.9	2321	9.5	132933.5	-6750.4
2142	9.6	125053.0	-6712.9	2232	9.9	130836.5	-6722.0	2322	9.2	132937.0	-6713.7
2143	9.6	125104.0	-6709.3	2233	9.3	130838.5	-6757.4	2323	9.5	132939.0	-6714.2
2144	9.7	125104.0	-6746.0	2234	9.7	130850.7	-6749.0	2324	9.9	132956.0	-6727.1
2145	9.2	125106.0	-6702.1	2235	8.6	130916.0	-6722.7	2325	7.8	133008.7	-6701.8
2146	9.2	125130.0	-6707.5	2236	9.3	130917.2	-6751.2	2326	9.3	133016.2	-6731.6
2147	10.0	125136.5	-6724.5	2237	7.2	130919.5	-6750.2	2327	9.1	133023.0	-6758.4
2148	9.1	125149.0	-6753.0	2238	9.9	130929.0	-6700.0	2328	9.6	133025.0	-6740.3
2149	9.4	125201.0	-6711.9	2239	9.3	130935.0	-6732.6	2329	9.8	133028.0	-6705.3
2150	9.5	125219.0	-6752.7	2240	9.8	130937.0	-6725.0	2330	9.3	133055.0	-6721.1
2151	8.8	125222.0	-6755.8	2241	9.5	130951.5	-6730.8	2331	9.4	133057.0	-6719.1
2152	9.5	125240.0	-6739.0	2242	8.9	131009.0	-6711.3	2332	9.9	133059.0	-6718.1
2153	9.4	125304.5	-6757.3	2243	9.8	131037.5	-6753.1	2333	9.9	133109.5	-6727.5
2154	9.4	125320.0	-6735.1	2244	9.5	131045.5	-6714.0	2334	9.7	133123.5	-6756.2
2155	9.5	125323.0	-6724.5	2245	9.9	131059.5	-6731.4	2335	9.9	133125.0	-6728.7
2156	10.0	125330.0	-6721.9	2246	9.3	131118.7	-6742.0	2336	9.7	133141.0	-6754 7
2157	8.4	125331.5	-6710.9	2247	9.9	131129.5	-6721.8	2337	9.4	133158.5	-6737.7
2158	9.4	125341.5	-6739.0	2248	9.9	131139.5	-6735.7	2338	9.3	133202.0	-6704.6
2159	9.0	125403.0	-6750.9	2249	9.6	131152.0	-6709.9	2339	8.4	133215.5	-6714.8
2160	9.6	125419.0	-6752.5	2250	9.9	131156.0	-6725.1	2340	9.4	133231.2	-6727.3
2161	8.7	125423.0	-6738.0	2251	9.9	131248.5	-6709.0	2341	9.5	133258.0	-6735.9
2162	9.6	125446.0	-6745.4	2252	9.9	131253.5	-6709.6	2342	9.5	133309.0	-6714.3
2163	9.4	125447.5	-6733.1	2253	9.4	131255.5	-6758.5	2343	9.9	133312.0	-6709.2
2164	9.1	125504.2	-6728.1	2254	9.5	131258.5	-6750.1	2344	9.9	133317.0	-6739.3
2165	9.6	125511.0	-6732.9	2255	9.6	131307.0	-6704.0	2345	9.7	133344.5	-6747.2
2166	9.8	125511.0	-6748.0	2256	9.9	131309.5	-6715.2	2346	9.6	133353.0	-6738.9
								2347	9.4	133356.0	-6711.0
								2348	9.9	133401.0	-6758.3
								2349	9.9	133412.0	-6717.1
								2350	9.8	133427.5	-6755.7
								2351	9.7	133437.0	-6707.1
								2352	9.8	133504.0	-6716.1
								2353	9.9	133511.0	-6757.7
								2354	9.8	133526.5	-6745.6
								2355	8.6	133534.0	-6750.4
								2356	9.9	133541.0	-6711.5
								2357	9.6	133545.5	-6731.2
								2358	9.1	133546.5	-6722.2
								2359	9.9	133548.5	-6711.5
								2360	9.6	133612.0	-6751.9
								2361	9.9	133614.5	-6713.1
								2362	9.4	133621.5	-6750.2
								2363	9.9	133622.5	-6733.2
								2364	9.0	133633.5	-6751.8
								2365	9.9	133638.0	-6732.4
								2366	9.1	133646.0	-6756.2
								2367	9.9	133650.3	-6758.0
								2368	9.6	133652.0	-6702.6
								2369	9.1	133702.7	-6730.4
								2370	9.4	133739.5	-6727.3
								2371	9.6	133805.0	-6736.6
								2372	9.7	133809.0	-6745.0
								2373	9.9	133813.5	-6758.3
								2374	8.9	133848.0	-6731.1
								2375	9.9	133855.5	-6734.5
								2376	9.6	133857.6	-6700.2
								2377	9.7	133910.7	-6734.9
								2378	9.7	133918.2	-6707.0
								2379	9.4	133933.5	-6713.4
								2380	9.7	133937.0	-6705.4
								2381	9.7	133938.3	-6711.9
								2382	9.9	133939.5	-6736.0
								2383	10.0	133943.0	-6700.9
								2384	9.9	134004.0	-6726.9
								2385	9.3	134005.0	-6724.8
								2386	9.6	134009.0	-6718.5
								2387	9.6	134010.4	-6727.2
								2388	9.3	134029.3	-6703.7
								2389	9.4	134033.5	-6745.5
								2390	10.0	134040.5	-6723.5
								2391	9.4	134048.0	-6701.9
								2392	9.6	134050.8	-6730.7
								2393	9.9	134059.0	-6726.5
								2394	9.3	134107.0	-6759.7
								2395	9.6	134120.5	-6710.0
								2396	10.0	134129.0	-6728.6
								2397	9.9	134134.5	-6731.1
								2398	9.2	134139.5	-6707.9
								2399	9.9	134151.2	-6758.2
								2400	9.1	134158.7	-6733.9
								2401	10.0	134205.0	-6732.0
								2402	9.8	134206.7	-6725.9
								2403	9.6	134213.0	-6724.1
								2404	10.0	134213.0	-6701.5
								2405	9.8	134230.0	-6704.7
								2406	9.6	134230.5	-6740.8
								2407	8.5	134242.0	-6708.9
								2408	9.8	134247.0	-6701.7
								2409	9.2	134318.5	-6716.0
								2410	9.0	134319.0	-6755.8
								2411	9.4	134321.5	-6717.0
								2412	10.0	134338.0	-6717.3
								2413	9.8	134352.0	-6717.5
								2414	10.0	134355.0	-6717.8
								2415	9.4	134405.5	-6718.3
								2416	9.2	134415.0	-6709.9
								2417	7.8	134428.0	-6753.3
								2418	9.4	134429.0	-6709.5
								2419	9.2	134432.7	-6729.9
								2420	10.0	134434.0	-6715.9
								2421	9.2	134447.5	-6721.0
								2422	9.8	134457.0	-6736.4
								2423	8.0	134500.5	-6737.1
								2424	9.8	134510.5	-6738.5
								2425	9.9	134518.5	-6727.9
								2426	8.1	134521.0	-6702.1
								2427	9.5	134524.0	-6752.5
								2428	10.0	134606.5	-6702.9
								2429	9.2	134624.0	-6719.5
								2430	9.4	134643.2	-6724.9
								2431	9.5	134647.0	-6711.5
								2432	9.0	134657.0	-6745.1
								2433	9.4	134705.5	-6708.5
								2434	10.0	134730.0	-6723.2
								2435	9.9	134732.0	-6713.9
								2436	9.9	134739.0	-6738.2

-67 2437 13h47m

2437 8.4 134751.0 -6737.3	2527 8.3 140432.0 -6756.1	2617 9.2 142721.5 -6732.7	2707 8.8 144724.1 -6756.0
2438 8.6 134753.5 -6723.4	2528 10.0 140442.0 -6730.5	2618 9.4 142728.0 -6753.1	2708 9.4 144726.9 -6754.4
2439 9.9 134807.0 -6700.3	2529 9.5 140443.5 -6712.7	2619 9.4 142751.5 -6726.7	2709 9.1 144732.1 -6741.8
2440 9.5 134808.0 -6758.2	2530 9.2 140445.5 -6748.3	2620 9.5 142754.2 -6759.1	2710 9.8 144736.1 -6734.4
2441 9.6 134811.5 -6700.3	2531 9.8 140451.5 -6709.1	2621 9.8 142806.0 -6731.9	2711 9.8 144802.6 -6758.4
2442 9.3 134815.0 -6746.5	2532 8.0 140510.0 -6707.2	2622 7.0 142851.0 -6739.6	2712 8.8 144803.0 -6703.0
2443 10.0 134816.0 -6725.9	2533 9.4 140510.0 -6744.6	2623 9.4 142923.0 -6748.2	2713 9.5 144813.6 -6753.0
2444 9.0 134821.5 -6726.1	2534 8.0 140514.5 -6704.2	2624 9.9 142932.8 -6701.1	2714 9.6 144901.1 -6745.5
2445 9.6 134832.0 -6757.2	2535 9.1 140534.5 -6726.9	2625 9.4 142941.5 -6716.8	2715 10.0 144927.5 -6704.7
2446 9.9 134847.5 -6731.4	2536 7.7 140544.8 -6757.2	2626 10.0 143000.0 -6700.5	2716 9.4 144937.0 -6710.2
2447 7.8 134943.5 -6713.7	2537 10.0 140602.5 -6711.6	2627 9.6 143021.0 -6713.6	2717 9.6 144951.5 -6715.1
2448 9.4 134947.0 -6738.1	2538 9.6 140603.5 -6723.0	2628 9.6 143021.5 -6704.7	2718 9.8 145002.6 -6758.4
2449 9.2 135002.0 -6714.1	2539 9.4 140608.5 -6708.3	2629 9.6 143032.0 -6708.9	2719 6.8 145007.5 -6728.8
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-67 2796 15h02m

2797	9.1	150252.5	-6707.8	2887	9.4	151823.0	-6755.0	2977	9.6	154121.0	-6720.2
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2848	9.1	151208.4	-6730.3	2938	8.3	153216.0	-6740.6	3028	9.3	155852.0	-6733.8
2849	9.8	151218.8	-6726.4	2939	9.4	153220.5	-6703.8	3029	9.1	155954.0	-6755.6
2850	9.8	151219.3	-6740.2	2940	9.0	153223.5	-6757.9	3030	9.3	160001.0	-6733.3
2851	9.6	151221.3	-6735.7	2941	9.6	153227.5	-6725.2	3031	8.9	160011.0	-6734.5
2852	9.7	151233.8	-6739.4	2942	9.8	153256.5	-6736.0	3032	8.9	160014.0	-6740.1
2853	9.4	151234.4	-6736.9	2943	9.4	153320.5	-6759.2	3033	9.7	160017.5	-6734.1
2854	9.9	151240.5	-6714.0	2944	9.5	153331.5	-6751.6	3034	9.6	160046.5	-6748.9
2855	9.8	151301.3	-6731.7	2945	10.0	153356.5	-6711.0	3035	9.6	160059.0	-6756.9
2856	8.7	151311.1	-6749.8	2946	10.0	153416.5	-6733.0	3036	9.6	160110.0	-6729.0
2857	9.5	151327.3	-6752.3	2947	9.0	153422.5	-6702.8	3037	9.1	160133.5	-6728.5
2858	9.2	151329.2	-6755.0	2948	9.4	153433.0	-6700.2	3038	9.7	160150.0	-6733.7
2859	9.5	151407.8	-6749.1	2949	9.4	153433.5	-6747.5	3039	9.0	160202.5	-6750.6
2860	9.4	151417.3	-6738.8	2950	9.2	153440.5	-6741.5	3040	9.0	160214.5	-6747.5
2861	9.8	151419.3	-6729.2	2951	10.0	153441.0	-6702.0	3041	9.6	160227.5	-6742.1
2862	9.7	151419.8	-6727.8	2952	9.5	153526.5	-6733.0	3042	9.2	160229.0	-6718.2
2863	9.5	151420.5	-6717.5	2953	10.0	153537.0	-6719.4	3043	9.3	160230.0	-6706.7
2864	7.5	151429.2	-6751.8	2954	9.1	153542.0	-6744.6	3044	8.9	160241.5	-6744.0
2865	9.2	151439.0	-6723.8	2955	9.6	153548.0	-6725.2	3045	9.7	160301.0	-6715.0
2866	9.8	151447.2	-6734.7	2956	9.6	153553.0	-6747.6	3046	9.6	160303.0	-6717.7
2867	9.6	151449.0	-6729.0	2957	8.6	153559.5	-6744.1	3047	9.4	160319.0	-6746.7
2868	9.7	151523.3	-6739.3	2958	9.1	153602.5	-6742.9	3048	9.5	160321.5	-6722.7
2869	9.8	151530.3	-6729.0	2959	9.3	153649.5	-6744.7	3049	9.7	160345.0	-6705.8
2870	9.6	151537.5	-6728.4	2960	9.6	153656.5	-6740.4	3050	9.6	160347.5	-6719.1
2871	10.0	151546.5	-6706.5	2961	9.1	153733.0	-6754.8	3051	9.4	160359.0	-6751.7
2872	9.8	151550.5	-6732.0	2962	10.0	153746.0	-6702.8	3052	8.9	160421.5	-6745.8
2873	9.6	151554.0	-6733.6	2963	8.5	153750.5	-6743.6	3053	9.3	160430.5	-6710.9
2874	9.5	151608.5	-6750.2	2964	9.4	153759.3	-6720.7	3054	6.6	160438.5	-6737.2
2875	9.8	151625.5	-6753.6	2965	10.0	153813.5	-6737.1	3055	8.3	160442.5	-6718.9
2876	9.8	151632.5	-6736.1	2966	9.6	153834.0	-6725.9	3056	9.3	160501.5	-6724.1
2877	9.7	151657.0	-6737.4	2967	8.8	153838.0	-6744.5	3057	9.2	160507.5	-6705.9
2878	8.4	151707.6	-6744.2	2968	10.0	153848.0	-6709.3	3058	9.0	160518.0	-6756.5
2879	9.5	151714.0	-6751.7	2969	9.7	153913.0	-6722.1	3059	10.1	160557.5	-6748.3
2880	9.0	151716.5	-6754.6	2970	9.4	153922.0	-6729.6	3060	8.9	160655.0	-6728.2
2881	8.9	151719.0	-6758.2	2971	9.5	153953.5	-6753.5	3061	9.4	160657.7	-6757.5
2882	9.4	151729.5	-6735.6	2972	9.4	154015.0	-6735.9	3062	10.0	160704.5	-6724.9
2883	8.9	151743.0	-6722.4	2973	7.7	154035.7	-6715.4	3063	10.0	160711.5	-6751.3
2884	9.1	151801.5	-6756.2	2974	9.6	154053.5	-6746.2	3064	9.1	160715.3	-6727.5
2885	7.2	151818.5	-6702.8	2975	9.7	154108.5	-6720.8	3065	9.2	160723.2	-6758.6
2886	9.7	151820.0	-6736.2	2976	9.2	154117.5	-6731.4	3066	10.0	160725.5	-6749.9
3067	8.8	160726.2	-6742.1								
3068	8.6	160746.7	-6741.1								
3069	10.0	160747.5	-6731.8								
3070	10.0	160751.5	-6735.9								
3071	9.6	160758.2	-6751.4								
3072	8.8	160759.0	-6703.4								
3073	9.6	160819.0	-6712.9								
3074	9.6	160822.0	-6711.8								
3075	10.0	160844.5	-6748.1								
3076	9.2	160853.0	-6745.2								
3077	9.6	160857.0	-6753.0								
3078	9.6	160859.0	-6742.9								
3079	8.8	160859.0	-6704.9								
3080	9.6	160902.0	-6746.6								
3081	9.1	160907.5	-6706.1								
3082	8.4	160916.7	-6701.1								
3083	9.6	160935.0	-6701.2								
3084	9.7	161015.0	-6719.6								
3085	9.6	161016.5	-6728.9								
3086	9.8	161021.0	-6747.1								
3087	9.7	161035.5	-6700.3								
3088	10.0	161052.0	-6732.4								
3089	9.6	161055.5	-6730.4								
3090	9.6	161056.5	-6738.5								
3091	9.4	161106.5	-6753.1								
3092	10.0	161111.0	-6728.9								
3093	10.0	161116.0	-6733.0								
3094	9.8	161126.0	-6753.0								
3095	10.0	161140.0	-6732.5								
3096	9.4	161143.0	-6752.2								
3097	10.0	161211.5	-6756.1								
3098	10.1	161224.5	-6756.3								
3099	8.6	161234.5	-6749.8								
3100	9.7	161240.0	-6708.1								
3101	9.7	161243.5	-6707.0								
3102	10.0	161245.5	-6749.0								
3103	10.1	161251.5	-6727.4								
3104	10.1	161311.5	-6756.9								
3105	9.0	161329.0	-6717.4								
3106	10.1	161346.5	-6738.1								
3107	9.7	161413.5	-6717.9								
3108	10.0	161420.0	-6759.9								
3109	10.0	161425.5	-6727.5								
3110	9.3	161449.5	-6704.9								
3111	9.2	161451.5	-6735.9								
3112	10.1	161451.5	-6753.7								
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3114	10.1	161514.0	-6742.9								
3115	9.3	161531.5	-6727.2								
3116	10.1	161559.0	-6725.0								
3117	9.0	161624.5	-6711.9								
3118	9.2	161641.0	-6743.3								
3119	9.0	161647.5	-6728.9								
3120	9.4	161701.0	-6741.5								
3121	10.0	161708.5	-6734.2								
3122	10.1	161742.0	-6732.0								
3123	9.3	161742.5	-6717.1								
3124	10.1	161747.5	-6746.0								
3125	9.0	161748.0	-6702.1								
3126	9.7	161749.5	-6714.7								
3127	7.7	161800.0	-6747.4								
3128	9.6	161801.5	-6739.5								
3129	9.7	161808.5	-6723.1								
3130	9.3	161813.0	-6707.3								
3131	9.6	161824.0	-6733.8								
3132	10.0	161837.0	-6758.7								
3133	9.7	161839.5	-6730.9								
3134	8.9	161934.4	-6700.9								
3135	9.7	162001.5	-6713.7								
3136	9.7	162007.0	-6729.7								
3137	9.7	162011.5	-6722.9								
3138	9.6	162020.5	-6704.7								
3139	10.1	162028.5	-6735.6								
3140	9.7	162032.8	-6709.6								
3141	9.2	162036.0	-6757.0								
3142	9.6	162049.0	-6756.5								
3143	10.1	162109.5	-6743.0								
3144	9.0	162110.0	-6759.8								
3145	10.1	162120.0	-6751.1								
3146	9.4	162137.5	-6753.5								
3147	9.0	162205.7	-6704.9								
3148	9.7	162207.5	-6718.1								
3149	8.8	162209.0	-6753.4								
3150	9.4	162211.0	-6745.2								
3151	10.1	162222.0	-6738.2								
3152	8.2	162225.0	-6702.5								
3153	9.8	162242.5	-6757.0								
3154	10.1	162248.0	-6750.0								
3155	9.6	162249.0	-6748.7								
3156	9.2	162254.0	-6757.0								

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3157	8.2	162258.5	-6704.5	3247	10.1	164336.0	-6733.0	3337	7.8	171923.0	-6757.9	3427	9.4	174732.3	-6730.6
3158	8.5	162305.5	-6712.5	3248	9.6	164336.5	-6738.7	3338	8.6	171929.0	-6718.5	3428	10.3	174815.1	-6730.4
3159	9.6	162309.0	-6758.5	3249	10.0	164352.0	-6755.1	3339	9.8	172104.5	-6721.8	3429	10.2	174817.1	-6710.5
3160	9.2	162319.5	-6701.3	3250	9.6	164357.5	-6724.0	3340	9.6	172331.5	-6757.0	3430	9.8	174837.6	-6757.1
3161	10.0	162322.0	-6726.1	3251	9.4	164409.5	-6750.9	3341	9.0	172406.0	-6729.9	3431	10.2	174849.6	-6733.6
3162	8.6	162324.0	-6711.0	3252	9.4	164420.5	-6759.9	3342	9.4	172541.0	-6744.1	3432	9.8	174854.6	-6713.7
3163	9.5	162325.0	-6730.9	3253	10.1	164425.0	-6738.0	3343	7.2	172733.5	-6746.5	3433	9.0	174938.1	-6733.0
3164	10.1	162328.0	-6758.1	3254	9.7	164439.0	-6715.2	3344	9.8	172924.0	-6716.2	3434	7.8	174940.1	-6750.4
3165	9.4	162345.0	-6753.0	3255	10.1	164448.0	-6747.0	3345	9.6	172942.5	-6702.4	3435	9.4	174941.5	-6756.5
3166	10.1	162347.0	-6759.9	3256	9.7	164453.0	-6739.0	3346	9.1	173024.0	-6738.1	3436	10.3	174946.1	-6703.5
3167	9.7	162405.0	-6738.4	3257	7.8	164536.0	-6718.9	3347	9.5	173029.5	-6717.9	3437	9.4	174946.6	-6753.6
3168	9.4	162412.5	-6741.1	3258	9.6	164554.5	-6754.2	3348	8.8	173041.0	-6719.9	3438	9.5	174957.1	-6751.4
3169	8.6	162412.5	-6709.7	3259	8.8	164602.0	-6735.0	3349	9.8	173101.7	-6725.8	3439	9.7	175016.1	-6728.5
3170	10.0	162428.5	-6746.0	3260	8.2	164653.0	-6700.0	3350	9.8	173148.0	-6744.6	3440	9.5	175017.1	-6726.0
3171	9.5	162459.0	-6721.9	3261	9.5	164728.5	-6733.4	3351	8.4	173202.0	-6703.9	3441	10.0	175027.1	-6700.1
3172	9.0	162518.0	-6745.9	3262	10.0	164733.0	-6735.0	3352	9.6	173223.5	-6711.9	3442	10.0	175110.5	-6707.9
3173	10.0	162521.5	-6754.5	3263	9.5	164759.5	-6720.1	3353	9.6	173317.5	-6733.9	3443	10.3	175112.5	-6700.2
3174	10.1	162535.5	-6753.1	3264	10.1	164815.5	-6747.0	3354	9.5	173320.0	-6717.9	3444	10.3	175118.0	-6702.9
3175	9.3	162541.5	-6730.2	3265	9.5	164843.0	-6734.3	3355	9.9	173324.0	-6718.0	3445	10.2	175120.0	-6725.3
3176	9.4	162552.5	-6751.0	3266	10.1	164903.0	-6737.9	3356	8.2	173501.0	-6719.5	3446	9.0	175128.0	-6746.8
3177	9.2	162617.5	-6740.2	3267	10.0	164910.5	-6753.1	3357	9.5	173507.1	-6748.3	3447	10.3	175136.1	-6704.0
3178	10.0	162620.0	-6750.0	3268	10.1	164928.0	-6725.2	3358	8.0	173507.3	-6738.3	3448	10.3	175151.6	-6737.0
3179	9.6	162644.0	-6745.8	3269	9.7	164949.5	-6706.7	3359	9.4	173508.1	-6731.8	3449	10.3	175151.6	-6705.1
3180	10.0	162651.5	-6759.9	3270	8.4	165011.0	-6735.0	3360	8.8	173522.0	-6735.2	3450	9.4	175235.6	-6741.2
3181	10.0	162748.0	-6725.0	3271	10.0	165012.0	-6727.1	3361	9.8	173526.6	-6751.3	3451	9.0	175252.6	-6727.8
3182	9.6	162751.5	-6725.1	3272	10.0	165022.5	-6754.4	3362	9.8	173530.0	-6722.6	3452	10.2	175321.6	-6714.1
3183	9.5	162752.0	-6722.0	3273	8.6	165036.8	-6742.0	3363	9.8	173617.6	-6757.4	3453	9.0	175322.6	-6740.6
3184	9.4	162802.5	-6736.7	3274	9.0	165047.5	-6729.1	3364	9.3	173618.1	-6745.2	3454	9.3	175333.1	-6754.4
3185	10.1	162902.5	-6740.2	3275	9.0	165103.7	-6758.2	3365	9.6	173622.6	-6748.3	3455	10.2	175346.1	-6703.9
3186	10.0	162907.5	-6740.0	3276	8.8	165112.3	-6737.9	3366	8.7	173632.3	-6736.6	3456	10.3	175347.1	-6716.4
3187	9.8	162911.5	-6731.2	3277	9.6	165241.5	-6758.8	3367	9.3	173703.0	-6726.0	3457	9.0	175354.1	-6731.9
3188	9.7	162914.5	-6721.9	3278	9.6	165245.5	-6717.9	3368	9.9	173707.0	-6703.4	3458	9.2	175402.1	-6728.1
3189	9.2	162928.0	-6753.1	3279	10.0	165315.5	-6735.4	3369	9.8	173719.1	-6753.6	3459	9.5	175410.1	-6737.5
3190	9.0	162934.0	-6714.0	3280	9.6	165357.8	-6759.8	3370	9.8	173732.6	-6754.9	3460	8.6	175410.6	-6749.3
3191	10.1	162947.0	-6726.2	3281	9.2	165400.0	-6756.2	3371	9.0	173740.5	-6735.6	3461	10.0	175423.6	-6737.2
3192	9.5	163013.5	-6703.0	3282	9.5	165422.5	-6707.9	3372	8.8	173743.5	-6705.3	3462	9.3	175425.6	-6749.8
3193	9.7	163024.0	-6700.5	3283	9.6	165450.5	-6743.5	3373	8.6	173832.3	-6733.7	3463	9.6	175437.1	-6731.0
3194	8.7	163025.5	-6711.2	3284	7.3	165502.5	-6700.8	3374	9.8	173848.1	-6747.3	3464	9.6	175451.1	-6704.9
3195	10.1	163028.5	-6737.3	3285	9.0	165526.0	-6724.6	3375	9.8	173850.3	-6718.0	3465	10.2	175521.9	-6700.9
3196	6.8	163043.5	-6711.1	3286	9.4	165551.0	-6741.1	3376	8.8	173854.1	-6740.9	3466	9.8	175525.6	-6729.7
3197	10.1	163056.5	-6754.7	3287	8.9	165558.5	-6731.7	3377	10.2	173910.6	-6709.5	3467	9.6	175542.1	-6736.9
3198	9.8	163106.5	-6756.5	3288	9.7	165602.0	-6718.8	3378	10.3	173916.1	-6724.6	3468	9.5	175559.1	-6747.3
3199	9.6	163118.5	-6700.2	3289	9.8	165612.5	-6736.0	3379	10.2	173917.6	-6720.3	3469	10.2	175622.1	-6727.1
3200	9.2	163149.5	-6711.5	3290	9.7	165719.5	-6700.9	3380	9.8	173928.1	-6751.0	3470	10.3	175701.6	-6738.0
3201	9.3	163239.0	-6721.0	3291	9.7	165732.7	-6709.7	3381	9.9	173959.1	-6704.0	3471	9.9	175725.6	-6712.8
3202	7.3	163311.5	-6730.6	3292	9.5	165809.2	-6724.9	3382	9.9	174001.1	-6709.9	3472	9.7	175748.4	-6700.8
3203	9.6	163320.5	-6758.7	3293	9.9	165953.5	-6716.0	3383	9.6	174004.1	-6742.0	3473	9.4	175759.6	-6700.2
3204	7.0	163402.0	-6752.1	3294	9.8	170021.0	-6743.2	3384	9.1	174015.6	-6756.5	3474	9.8	175804.4	-6741.2
3205	9.7	163416.0	-6705.5	3295	8.7	170030.3	-6701.8	3385	9.6	174022.1	-6740.8	3475	10.2	175810.6	-6702.7
3206	8.7	163500.0	-6729.1	3296	7.8	170031.3	-6702.2	3386	9.6	174027.1	-6733.0	3476	10.3	175833.6	-6727.2
3207	9.6	163532.5	-6755.0	3297	9.8	170041.5	-6719.6	3387	9.9	174030.1	-6714.6	3477	10.0	175845.1	-6727.7
3208	9.2	163545.0	-6749.5	3298	9.8	170044.5	-6711.6	3388	9.5	174032.6	-6748.1	3478	9.8	175848.6	-6743.0
3209	10.1	163545.5	-6748.9	3299	9.0	170058.8	-6712.7	3389	10.2	174047.1	-6703.2	3479	10.0	175907.8	-6737.5
3210	10.0	163552.5	-6751.0	3300	9.4	170126.0	-6750.9	3390	9.8	174053.6	-6728.7	3480	9.8	180011.6	-6744.9
3211	8.2	163609.3	-6702.2	3301	8.2	170128.5	-6740.8	3391	9.0	174057.8	-6711.4	3481	9.0	180014.6	-6749.7
3212	9.6	163618.0	-6744.9	3302	9.3	170158.0	-6701.5	3392	10.2	174118.6	-6722.8	3482	9.1	180021.6	-6756.0
3213	9.5	163625.0	-6714.7	3303	9.2	170209.5	-6704.9	3393	10.3	174126.1	-6715.9	3483	9.0	180049.6	-6749.1
3214	9.6	163625.5	-6746.7	3304	9.4	170308.5	-6715.9	3394	10.2	174132.6	-6716.4	3484	10.2	180050.6	-6720.2
3215	10.0	163637.0	-6737.2	3305	9.6	170318.0	-6740.4	3395	9.8	174156.6	-6755.3	3485	9.6	180054.1	-6704.8
3216	8.7	163639.0	-6725.6	3306	9.5	170321.5	-6715.7	3396	8.3	174159.8	-6701.7	3486	9.9	180108.6	-6706.8
3217	9.4	163640.0	-6751.2	3307	9.1	170429.0	-6748.0	3397	9.4	174203.1	-6714.0	3487	9.9	180110.6	-6706.2
3218	9.7	163645.5	-6733.8	3308	9.8	170433.0	-6738.1	3398	10.0	174209.1	-6710.9	3488	10.3	180130.1	-6702.4
3219	10.1	163708.0	-6756.1	3309	9.7	170502.0	-6729.7	3399	9.8	174214.6	-6747.7	3489	10.3	180137.1	-6706.0
3220	9.7	163718.0	-6733.2	3310	6.6	170857.0	-6738.1	3400	10.3	174223.6	-6736.2	3490	9.8	180156.6	-6704.6
3221	10.0	163733.5	-6758.4	3311	9.8	171008.5	-6710.3	3401	9.1	174235.6	-6700.5	3491	9.5	180158.6	-6750.4
3222	9.2	163736.5	-6735.0	3312	8.0	171022.0	-6747.9	3402	9.8	174237.1	-6755.9	3492	9.3	180202.6	-6749.2
3223	10.1	163744.0	-6728.1	3313	9.2	171048.5	-6703.9	3403	9.4	174240.1	-6708.1	3493	9.8	180211.6	-6704.2
3224	8.9	163752.5	-6707.5	3314	9.0	171133.0	-6706.1	3404	8.3	174304.8	-6713.0	3494	10.0	180233.1	-6706.0
3225	10.0	163758.0	-6759.6	3315	9.6	171145.0	-6704.0	3405	8.7	174306.3	-6733.9	3495	9.1	180235.1	-6721.1
3226	9.6	163800.0	-6756.3	3316	9.0	171229.5	-6714.0	3406	9.4	174306.6	-6705.6	3496	9.8	180237.6	-6733.7
3227	10.1	163845.0	-6735.8	3317	9.5	171233.0	-6726.3	3407	9.4	174307.1	-6738.3	3497	10.3	180247.6	-6704.9
3228	8.6	163847.0	-6750.3	3318	9.2	171303.5	-6707.8	3408	9.8	174358.1	-6715.6	3498	9.9	180257.1	-6716.0
3229	8.7	163848.0	-6720.1	3319	9.1	171307.5	-6756.7	3409	10.2	174407.6	-6702.6	3499	9.2	180310.6	-6710.4
3230	9.2	163858.0	-6751.0	3320	9.2	171324.0	-6703.9	3410	9.8	174419.1	-6742.6	3500	10.2	180323.4	-6701.1
3231	9.3	163928.5	-6724.1	3321	8.5	171324.5	-6713.4	3411	9.9	174442.1	-6736.3	3501	8.9	180328.1	-6740.8
3232	7.8	163930.5	-6727.5	3322	9.2	171334.5	-6723.1	3412	10.0	174442.6	-6704.1	3502	10.3	180359.0	-6713.9
3233	10.1	163931.5	-6725.9	3323	9.8	171341.5	-6706.6	3413	10.0	174449.1	-6721.1	3503	9.3	180408.1	-6753.2
3234	9.6	163942.0	-6739.5	3324	9.8	171402.0	-6752.8	3414	10.2	174452.6	-6706.7	3504	9.7	180412.8	-6738.9
3235	9.8	163955.5	-6728.0	3325	9.6	171408.5	-6719.2	3415	10.2	174457.1	-6709.4	3505	10.3	180414.5	-6717.5
3236	10.0	164013.0	-6754.0	3326	9.7	171544.5	-6748.0	3416	9.6	174527.6	-6733.7	3506	9.6	180420.8	-6738.3
3237	10.0	164015.0	-6758.0	3327	8.8	171614.5	-6717.7	3417	9.2	174540.6	-6724.6	3507	8.2	180436.1	-6753.8
3238	10.0	164031.5	-6726.7	3328	8.8	171627.0	-6710.0	3418	10.3	174546.6	-6725.9	3508	7.7	180446.5	-6723.3
3239	8.4	164053.0	-6733.8	3329	9.6	171713.5	-6709.0	3419	10.3	174557.6	-6713.2	3509	9.8	180611.1	-6747.8
3240	9.2	164056.5	-6727.9	3330	9.9	171726.0	-6718.6	3420	9.8	174602.0	-6759.1	3510	8.6	180616.5	-6721.9
3241	9.2	164140.0	-6707.9	3331	8.4	171727.5	-6726.9	3421	8.6	174637.1	-6710.3	3511	10.0	180636.0	-6718.2
3242	10.1	164202.0	-6759.0	3332	9.2	171814.0	-6717.3	3422	9.8	174640.6	-6704.1	3512	9.8	180636.0	-6728.1
3243	10.1	164217.5	-6756.1	3333	9.2	171855.5	-6708.7	3423	9.5	174646.6	-6715.7	3513	10.2	180725.0	-6710.3
3244	9.4	164238.0	-6744.7	3334	9.4	171900.0	-6717.0	3424	10.3	174653.6	-6737.1	3514	9.8	180733.7	-6700.7
3245	9.2	164249.0	-6757.7	3335	9.8	171909.0	-6728.7	3425	10.2	174707.1	-6736.5	3515	9.2	180754.0	-6723.3
3246	9.6	164319.0	-6752.4	3336	9.4	171915.5	-6724.2	3426	10.3	174708.6	-6713.9	3516	10.3	180821.5	-6739.3

-67 3516 18h08m

-67 3517 18h08m

-67 3876 22h06m

3517	10.3	180828.0	-6739.6	3607	8.9	184737.5	-6733.1	3697	9.5	194927.0	-6728.3	3787	9.8	210929.0	-6746.8
3518	9.8	180831.0	-6718.4	3608	8.4	184743.0	-6749.1	3698	6.9	194941.5	-6716.6	3788	9.6	211009.5	-6738.7
3519	8.8	180957.0	-6710.9	3609	8.7	184839.0	-6723.2	3699	9.8	195051.0	-6702.1	3789	9.2	211017.0	-6745.6
3520	9.6	181005.2	-6757.5	3610	9.6	184936.5	-6724.3	3700	9.2	195140.6	-6751.8	3790	9.2	211036.0	-6714.6
3521	9.2	181007.1	-6755.4	3611	9.6	185031.5	-6727.9	3701	10.4	195225.2	-6751.1	3791	9.2	211039.0	-6726.2
3522	9.5	181008.1	-6747.6	3612	8.6	185426.5	-6700.7	3702	10.3	195226.2	-6733.3	3792	7.8	211047.0	-6711.6
3523	10.3	181012.0	-6702.4	3613	9.6	185616.0	-6746.1	3703	7.1	195302.6	-6728.7	3793	10.4	211101.5	-6719.9
3524	10.3	181017.0	-6717.7	3614	8.4	185626.5	-6743.7	3704	9.7	195328.7	-6751.5	3794	9.3	211119.5	-6717.0
3525	9.5	181021.0	-6718.5	3615	9.8	185825.0	-6721.1	3705	9.8	195414.7	-6728.3	3795	10.4	211241.0	-6722.0
3526	9.6	181024.1	-6744.0	3616	8.6	190005.0	-6747.3	3706	9.5	195443.5	-6713.1	3796	9.2	211308.5	-6727.4
3527	9.8	181047.0	-6722.5	3617	8.5	190008.0	-6716.9	3707	8.9	195451.5	-6705.9	3797	10.4	211430.0	-6734.2
3528	9.8	181051.1	-6748.2	3618	9.5	190056.0	-6723.0	3708	8.9	195622.5	-6700.4	3798	10.2	211623.5	-6710.1
3529	10.0	181056.0	-6717.0	3619	8.9	190059.0	-6756.0	3709	9.6	195707.0	-6735.9	3799	9.3	211708.0	-6723.1
3530	10.3	181104.0	-6714.4	3620D	9.5	190101.0	-6724.3	3710	9.5	195756.5	-6705.1	3800	8.2	211725.5	-6720.0
3531	9.6	181106.5	-6720.1	3621	7.0	190119.5	-6739.4	3711	9.6	195801.0	-6750.2	3801	9.9	211755.0	-6717.5
3532	8.9	181137.3	-6731.3	3622	9.2	190207.8	-6758.0	3712	9.5	195810.5	-6721.8	3802	8.9	211755.5	-6744.2
3533	9.6	181148.6	-6753.0	3623	8.4	190319.0	-6718.0	3713	9.9	195922.5	-6720.9	3803	10.4	211837.5	-6732.4
3534	10.3	181209.0	-6716.3	3624	8.9	190345.0	-6731.0	3714	9.2	195943.5	-6711.5	3804	9.9	212028.5	-6720.0
3535	9.7	181227.5	-6707.9	3625	9.6	190401.7	-6752.2	3715	8.9	200026.0	-6726.4	3805	9.4	212046.1	-6732.1
3536	9.8	181251.5	-6707.2	3626	7.5	190413.7	-6722.6	3716	9.2	200117.5	-6737.1	3806	10.2	212224.5	-6724.9
3537	10.2	181254.5	-6730.9	3627	9.2	190425.0	-6732.5	3717	8.7	200140.5	-6749.5	3807	9.5	212254.5	-6743.2
3538	10.0	181257.5	-6720.7	3628	9.5	190452.0	-6705.4	3718	9.8	200327.0	-6731.5	3808	10.0	212413.5	-6743.3
3539	9.8	181303.6	-6751.6	3629	10.3	190533.6	-6756.7	3719	8.8	200334.5	-6701.7	3809	8.7	212426.0	-6716.5
3540	9.8	181312.1	-6749.6	3630	9.1	190604.5	-6708.1	3720	7.2	200503.0	-6749.7	3810	9.6	212439.5	-6707.5
3541	9.6	181333.6	-6745.8	3631	9.0	190623.0	-6758.5	3721	9.8	200527.7	-6734.7	3811	10.0	212525.5	-6758.3
3542	10.3	181507.5	-6734.8	3632	9.1	190624.1	-6744.9	3722	9.6	200539.0	-6733.7	3812	8.8	212537.7	-6753.3
3543	10.3	181532.5	-6700.3	3633	10.4	190639.6	-6754.0	3723	9.2	200609.0	-6747.0	3813	9.9	212602.5	-6711.1
3544	9.8	181533.5	-6724.7	3634	10.4	190814.6	-6752.5	3724	9.0	200646.5	-6720.7	3814	9.5	212606.0	-6746.8
3545	10.3	181533.5	-6723.4	3635	9.7	190831.6	-6753.8	3725	9.8	200803.0	-6745.3	3815	9.5	212710.0	-6718.0
3546	9.8	181611.0	-6716.9	3636	9.5	190918.0	-6706.4	3726	8.6	200810.0	-6702.8	3816	9.2	212720.3	-6701.1
3547	9.9	181620.0	-6715.5	3637	9.4	190955.0	-6726.9	3727	8.9	200924.5	-6709.9	3817	9.2	212844.7	-6718.8
3548	8.4	181626.5	-6738.1	3638	10.0	191042.1	-6758.0	3728	9.6	200932.0	-6756.2	3818	9.8	212926.5	-6748.7
3549	9.4	181634.0	-6715.3	3639	9.6	191149.1	-6759.6	3729	7.2	200934.0	-6742.0	3819	9.7	213002.0	-6732.7
3550	9.3	181642.9	-6757.2	3640	9.4	191207.5	-6727.6	3730	6.7	200941.0	-6708.3	3820	9.6	213011.0	-6717.2
3551	10.2	181717.0	-6732.0	3641	10.2	191218.1	-6755.1	3731	9.3	200942.5	-6755.9	3821	9.5	213021.0	-6758.2
3552	9.4	181722.9	-6713.0	3642	9.5	191225.1	-6745.2	3732	8.0	201212.5	-6759.6	3822	10.2	213150.5	-6719.7
3553	7.6	181728.4	-6700.6	3643	8.9	191244.0	-6732.0	3733	9.9	201227.0	-6717.3	3823	10.2	213245.0	-6714.8
3554	10.3	181738.9	-6714.2	3644	10.4	191259.1	-6753.4	3734	9.2	201316.0	-6759.2	3824	10.1	213253.7	-6700.4
3555	9.0	181808.1	-6747.6	3645	10.3	191413.1	-6748.0	3735	9.0	201341.0	-6758.8	3825	9.3	213315.5	-6723.2
3556	8.5	181831.6	-6747.0	3646	7.9	191705.5	-6733.3	3736	9.8	201536.5	-6719.5	3826	9.5	213404.5	-6740.4
3557	9.8	181858.6	-6744.4	3647	8.9	191708.8	-6733.7	3737	8.6	201745.0	-6722.2	3827	10.4	213444.0	-6717.1
3558	10.2	181904.0	-6734.9	3648	9.5	191741.0	-6706.6	3738	8.9	201822.5	-6725.6	3828	10.4	213508.5	-6711.1
3559	9.4	181959.9	-6717.3	3649	9.5	191849.5	-6704.0	3739	9.5	201910.5	-6713.4	3829	9.2	213511.0	-6740.4
3560	9.8	182000.1	-6746.6	3650	10.2	191914.7	-6755.0	3740	9.4	201941.7	-6701.4	3830	10.0	213542.0	-6752.7
3561	9.8	182007.7	-6735.8	3651	10.4	192049.7	-6746.0	3741	9.6	202130.5	-6726.8	3831	10.2	213625.0	-6730.1
3562	9.0	182021.1	-6753.3	3652	9.1	192136.2	-6749.0	3742	8.4	202236.2	-6709.5	3832	10.2	213629.3	-6729.9
3563	9.3	182023.5	-6758.6	3653	9.5	192249.5	-6726.1	3743	7.3	202245.0	-6709.0	3833	8.9	213734.4	-6722.7
3564	9.4	182027.9	-6711.9	3654	10.0	192255.2	-6747.1	3744	9.4	202313.0	-6740.1	3834	10.2	213751.3	-6720.8
3565	9.1	182051.7	-6726.9	3655	9.5	192323.7	-6748.9	3745	9.6	202410.0	-6701.3	3835	10.2	213755.6	-6708.5
3566	9.1	182051.7	-6716.3	3656	8.9	192421.0	-6727.7	3746	9.8	202433.5	-6744.1	3836	10.2	213829.8	-6723.1
3567	9.8	182051.9	-6725.6	3657	9.9	192439.2	-6739.6	3747	9.0	202451.0	-6715.8	3837	9.5	214034.0	-6750.0
3568	9.8	182103.1	-6748.6	3658	10.4	192449.8	-6759.8	3748	9.0	202509.5	-6750.8	3838	10.0	214153.0	-6754.2
3569	9.9	182109.4	-6715.8	3659	8.5	192606.2	-6753.6	3749	9.8	202639.5	-6744.1	3839	10.2	214219.1	-6703.7
3570	9.8	182114.9	-6720.7	3660	10.4	192617.7	-6758.9	3750	9.8	202832.5	-6756.5	3840	10.0	214241.3	-6705.9
3571	9.6	182121.6	-6729.7	3661	9.5	192643.5	-6720.2	3751	9.8	202902.0	-6753.9	3841	10.0	214257.4	-6717.9
3572	9.1	182129.1	-6743.4	3662	9.1	192707.7	-6743.9	3752	8.9	202939.0	-6703.8	3842	9.4	214306.0	-6749.9
3573	9.6	182131.5	-6708.4	3663	8.8	192820.5	-6715.0	3753	8.4	203011.0	-6729.1	3843	9.4	214335.6	-6736.3
3574	8.5	182209.6	-6737.2	3664	10.4	193019.2	-6754.0	3754	5.2	203027.0	-6711.9	3844	9.2	214457.3	-6729.2
3575	9.4	182218.8	-6751.9	3665	9.5	193024.0	-6712.2	3755	9.6	203110.5	-6723.5	3845	10.2	214527.7	-6700.5
3576	9.8	182238.6	-6747.0	3666	10.3	193038.2	-6753.8	3756	10.0	203302.0	-6755.0	3846	9.2	214621.7	-6702.6
3577	9.3	182246.5	-6701.4	3667	9.0	193041.5	-6707.8	3757	8.8	203355.5	-6719.8	3847	8.3	214753.5	-6742.8
3578	9.6	182248.5	-6706.8	3668	7.9	193110.0	-6714.8	3758	8.6	203417.5	-6715.7	3848	9.6	214834.9	-6718.5
3579	9.6	182251.1	-6746.0	3669	9.1	193124.7	-6747.5	3759	9.6	203422.0	-6736.9	3849	9.4	214854.5	-6757.0
3580	9.8	182331.6	-6752.8	3670	8.2	193133.5	-6714.1	3760	8.7	203852.2	-6738.5	3850	10.0	215024.0	-6751.0
3581	9.3	182431.0	-6713.5	3671	10.4	193232.5	-6758.5	3761	8.7	203852.5	-6736.5	3851	10.2	215049.9	-6715.1
3582	9.4	182434.6	-6728.8	3672	8.5	193300.0	-6722.0	3762	10.0	203912.5	-6746.0	3852	9.7	215203.9	-6716.6
3583	9.5	182513.6	-6726.2	3673	9.2	193324.5	-6725.9	3763	9.2	204020.5	-6727.3	3853	9.6	215256.9	-6711.0
3584	9.0	182718.0	-6737.3	3674	8.9	193331.0	-6734.8	3764	9.2	204344.0	-6753.0	3854	9.0	215435.8	-6727.1
3585	9.6	182724.0	-6734.8	3675	8.1	193340.0	-6720.3	3765	9.4	204607.0	-6700.1	3855	10.2	215557.7	-6739.4
3586	9.6	182747.5	-6759.9	3676	9.5	193405.5	-6701.7	3766	9.2	204630.0	-6745.2	3856	9.6	215624.5	-6750.0
3587	9.3	182907.5	-6705.1	3677	10.2	193427.2	-6739.1	3767	8.4	204655.5	-6713.5	3857	9.6	215703.5	-6742.0
3588	9.0	183005.0	-6752.5	3678	10.2	193430.2	-6754.6	3768	9.6	204955.5	-6720.5	3858	9.2	215747.2	-6735.6
3589	9.6	183024.0	-6731.3	3679	9.7	193514.2	-6735.3	3769	10.0	205107.5	-6747.2	3859	7.8	215833.6	-6706.4
3590	8.8	183203.5	-6703.2	3680	7.7	193735.0	-6707.0	3770	8.5	205157.5	-6752.8	3860	10.1	215843.2	-6738.8
3591	9.1	183216.5	-6702.4	3681	10.3	193830.7	-6754.4	3771	8.9	205407.0	-6726.7	3861	10.2	215846.4	-6710.7
3592	8.8	183238.0	-6758.2	3682	9.9	193847.5	-6710.2	3772	10.0	205605.0	-6736.2	3862	9.3	215903.5	-6744.1
3593	9.3	183251.0	-6729.7	3683	9.2	193858.0	-6707.5	3773	9.3	205656.5	-6723.9	3863	10.1	220032.4	-6711.9
3594	9.5	183327.5	-6752.9	3684	9.9	194013.5	-6715.3	3774	9.3	205705.5	-6732.0	3864	10.1	220038.4	-6716.6
3595	9.4	183642.0	-6702.5	3685	8.9	194208.2	-6725.6	3775	9.2	205828.0	-6740.1	3865	10.1	220209.6	-6705.1
3596	8.5	183659.5	-6725.0	3686	9.5	194215.7	-6735.6	3776	10.0	205835.0	-6740.9	3866	9.7	220308.9	-6719.7
3597	9.6	183713.5	-6707.3	3687	9.2	194224.0	-6721.0	3777	10.4	205937.0	-6734.0	3867	8.0	220408.3	-6723.9
3598	9.6	183855.0	-6709.1	3688	10.0	194335.7	-6759.4	3778	9.6	210158.8	-6726.1	3868	8.8	220408.9	-6712.6
3599	8.2	184030.5	-6748.9	3689	9.3	194405.5	-6717.9	3779	9.2	210255.0	-6727.5	3869	9.2	220446.1	-6704.1
3600	9.5	184136.0	-6746.9	3690	9.9	194436.2	-6735.0	3780	10.4	210329.0	-6725.0	3870	10.0	220446.1	-6747.4
3601	9.4	184305.0	-6710.4	3691	9.9	194504.7	-6736.0	3781	9.2	210348.5	-6717.6	3871	9.6	220446.8	-6747.1
3602	8.5	184326.5	-6749.2	3692	8.3	194613.7	-6737.9	3782	10.0	210503.0	-6759.2	3872	9.7	220457.1	-6732.8
3603	6.6	184403.0	-6723.1	3693	9.1	194746.2	-6754.9	3783	9.9	210601.0	-6701.6	3873	10.2	220519.4	-6753.1
3604	9.0	184457.0	-6754.3	3694	10.0	194749.2	-6737.1	3784	10.0	210628.0	-6759.8	3874	10.0	220540.9	-6717.4
3605	9.0	184559.0	-6732.0	3695	6.9	194812.0	-6716.5	3785	9.0	210746.0	-6719.0	3875	9.6	220559.6	-6704.6
3606	8.9	184657.5	-6719.2	3696	8.1	194849.5	-6710.8	3786	10.0	210822.5	-6752.4	3876	9.6	220602.9	-6700.8

3877	10.1	220624.2	-6720.6	3967	8.6	232156.0	-6754.3	57	8.4	12212.5	-6829.4	147	10.1	22654.7	-6846.6
3878	9.7	220815.2	-6732.5	3968	10.0	232819.0	-6717.2	58	10.3	12306.5	-6824.1	148	10.2	22747.7	-6839.6
3879	8.8	220828.0	-6749.0	3969	9.1	232920.5	-6727.9	59	7.9	12455.5	-6849.2	149	10.8	22844.7	-6815.1
3880	8.8	220909.6	-6737.9	3970	9.1	232934.5	-6707.2	60	8.4	12512.0	-6807.9	150	10.4	22846.7	-6850.1
3881	9.4	221015.7	-6733.6	3971	8.6	233050.2	-6744.2	61	10.0	12520.5	-6831.9	151	7.6	22901.2	-6831.2
3882	7.4	221041.7	-6730.5	3972	9.8	233157.0	-6720.9	62	9.4	12521.0	-6804.9	152	10.2	23134.7	-6828.6
3883	9.5	221050.6	-6755.1	3973	9.6	233215.0	-6718.1	63	9.7	12604.0	-6809.9	153	10.8	23210.9	-6852.1
3884	9.1	221107.8	-6728.9	3974	10.0	233423.5	-6725.3	64	9.9	12809.0	-6823.1	154	9.6	23217.4	-6811.2
3885	10.2	221110.9	-6715.9	3975	9.8	233518.0	-6723.0	65	9.5	12913.5	-6821.2	155	9.5	23253.4	-6840.8
3886	7.7	221242.6	-6742.6	3976	9.4	233526.5	-6734.7	66	10.0	12952.0	-6822.4	156	8.0	23320.7	-6842.4
3887	9.7	221327.7	-6740.0	3977	9.4	233530.5	-6702.2	67	10.0	13012.0	-6810.1	157	10.4	23513.5	-6825.7
3888	10.2	221331.1	-6702.8	3978	9.0	233555.0	-6717.6	68	8.8	13241.0	-6853.3	158	10.8	23539.0	-6814.1
3889	10.4	221350.4	-6750.8	3979	9.6	233800.5	-6722.5	69	8.2	13434.0	-6812.3	159	10.8	23611.4	-6808.1
3890	8.6	221439.7	-6733.1	3980	8.2	233905.7	-6732.7	70	9.0	13502.0	-6841.6	160	9.6	23629.3	-6805.1
3891	9.3	221521.4	-6757.2	3981	7.1	234106.9	-6715.8	71	9.7	13552.0	-6832.0	161	3.6	23741.0	-6848.2
3892	8.6	221534.3	-6729.3	3982	10.4	234158.4	-6700.6	72	10.3	13553.5	-6827.6	162	10.8	23849.9	-6811.1
3893	10.0	221610.9	-6713.2	3983	9.5	234204.2	-6727.8	73	8.8	13627.0	-6853.5	163	10.2	23900.4	-6835.9
3894	9.1	221659.0	-6705.7	3984	9.6	234511.7	-6704.4	74	10.2	13707.5	-6839.5	164	9.8	23901.7	-6833.0
3895	8.7	221728.4	-6744.6	3985	9.4	234529.9	-6721.0	75	9.2	13710.0	-6825.9	165	10.2	23908.6	-6838.0
3896	9.6	221949.6	-6727.2	3986	8.8	234628.7	-6720.4	76	9.2	13729.0	-6838.2	166	10.2	24205.5	-6835.2
3897	9.7	221956.9	-6720.4	3987	9.3	234814.0	-6756.1	77	8.1	13738.0	-6817.7	167	8.3	24216.4	-6840.4
3898	9.4	222124.5	-6710.2	3988	9.6	234934.4	-6722.8	78	9.9	13812.5	-6822.5	168	9.8	24307.5	-6821.2
3899	8.8	222125.5	-6701.9	3989	9.6	235114.4	-6721.0	79	9.6	13832.5	-6839.6	169	5.1	24337.5	-6808.5
3900	7.8	222143.4	-6756.6	3990	10.4	235115.4	-6711.8	80	10.3	13959.5	-6809.7	170	10.0	24812.5	-6858.3
3901	10.4	222206.4	-6759.0	3991	7.4	235119.5	-6742.1	81	10.3	14023.5	-6823.1	171	9.6	24825.0	-6833.7
3902	10.0	222231.5	-6708.2	3992	9.6	235227.9	-6729.9	82	8.6	14131.5	-6836.1	172	7.1	24904.0	-6802.1
3903	10.2	222300.9	-6749.2	3993	9.8	235241.4	-6704.4	83	10.3	14216.5	-6854.9	173	10.2	24942.5	-6806.9
3904	9.3	222321.9	-6742.5	3994	9.2	235258.0	-6740.6	84	8.8	14305.0	-6819.4	174	10.2	24954.0	-6825.1
3905	9.4	222411.5	-6711.9	3995	9.8	235305.4	-6719.6	85	9.9	14311.5	-6805.5	175	10.2	25140.8	-6822.3
3906	9.0	222436.0	-6706.3	3996	9.6	235333.9	-6725.5	86	8.8	14348.5	-6838.0	176	10.2	25143.8	-6822.9
3907	10.4	222448.6	-6759.5	3997	7.7	235406.4	-6722.6	87	9.4	14401.0	-6822.5	177	10.2	25303.5	-6810.7
3908	10.0	222543.5	-6723.8	3998	10.1	235442.9	-6738.4	88	9.9	14439.0	-6859.7	178	10.2	25345.8	-6814.1
3909	9.2	222719.0	-6733.8	3999	9.8	235808.4	-6734.1	89	9.0	14539.5	-6843.2	179	10.2	25418.8	-6847.2
3910	9.0	222841.6	-6746.6	4000	9.5	235918.9	-6712.1	90	9.9	14619.0	-6808.9	180	10.2	25427.8	-6839.3
3911	9.7	222941.6	-6749.6	1	9.4	00335.0	-6808.8	91	9.8	14624.5	-6827.1	181	8.8	25501.0	-6845.4
3912	9.4	222957.0	-6730.0	2	9.2	00402.0	-6801.0	92	9.2	14649.0	-6826.2	182	10.2	25652.0	-6829.2
3913	9.0	223154.9	-6756.2	3	9.3	00732.5	-6853.6	93	10.3	14651.0	-6819.8	183	9.3	25715.5	-6838.2
3914	9.5	223222.5	-6713.3	4	8.1	01001.5	-6835.6	94	10.2	14708.5	-6843.3	184	10.2	25741.5	-6850.6
3915	9.2	223538.0	-6708.9	5	9.2	01113.0	-6809.1	95	8.4	14834.5	-6847.7	185	9.2	30210.0	-6813.8
3916	8.9	223641.4	-6748.4	6	9.2	01202.0	-6811.6	96	6.6	14925.3	-6833.6	186	9.3	30321.0	-6821.0
3917	9.7	223717.0	-6747.6	7	9.2	01310.0	-6816.0	97	9.5	14954.5	-6848.2	187	9.6	30324.7	-6813.4
3918	9.0	223728.5	-6751.0	8	8.8	01338.5	-6804.9	98	10.0	14957.4	-6834.1	188	9.8	30451.2	-6828.5
3919	8.4	223925.0	-6727.2	9	8.5	01631.0	-6819.2	99	10.8	15013.9	-6835.5	189	9.1	30459.2	-6841.2
3920	9.4	223957.5	-6725.0	10	9.3	01754.0	-6824.4	100	10.1	15037.7	-6806.5	190	10.2	30549.7	-6850.0
3921	9.2	224020.0	-6703.3	11	8.6	01948.7	-6826.2	101	6.2	15147.2	-6815.8	191	7.9	30612.2	-6855.8
3922	10.0	224034.0	-6756.1	12	9.3	02040.0	-6852.2	102	9.8	15212.4	-6831.4	192	10.2	30636.2	-6850.3
3923	10.4	224035.3	-6745.8	13	8.3	02104.7	-6824.9	103	8.8	15229.7	-6828.4	193	10.2	30717.7	-6818.9
3924	9.8	224357.5	-6726.2	14	9.6	02604.0	-6823.6	104	10.6	15424.0	-6850.0	194	10.2	30741.7	-6816.5
3925	8.8	224422.0	-6723.3	15	9.4	02656.7	-6842.0	105	10.8	15431.5	-6833.6	195	10.2	30850.2	-6828.2
3926	9.8	224425.0	-6730.6	16	9.3	02724.0	-6851.1	106	8.9	15511.0	-6811.7	196	10.2	30857.2	-6809.4
3927	8.9	224606.0	-6755.8	17	9.6	02754.0	-6836.3	107	10.6	15531.0	-6824.6	197	8.4	30954.7	-6841.2
3928	10.0	224637.0	-6733.5	18	9.1	02814.5	-6806.2	108	10.8	15651.5	-6812.0	198	8.6	31142.2	-6847.1
3929	9.0	224713.0	-6719.0	19	9.4	02900.5	-6834.9	109	9.5	15751.0	-6817.3	199	10.0	31202.2	-6852.6
3930	9.0	224721.0	-6728.7	20	9.3	03032.0	-6818.2	110	10.8	15810.5	-6812.4	200	10.0	31359.2	-6822.7
3931	10.0	224804.0	-6749.3	21	9.6	03104.0	-6850.8	111	10.2	20009.5	-6805.3	201	10.0	31447.7	-6845.2
3932	8.5	224948.5	-6700.3	22	8.7	03234.0	-6838.1	112	10.8	20139.0	-6848.2	202	10.2	31458.2	-6847.1
3933	10.0	225025.0	-6707.3	23	9.3	03301.0	-6816.3	113	8.7	20216.5	-6853.9	203	7.7	31640.2	-6836.8
3934	8.6	225139.0	-6705.7	24	9.4	03414.5	-6815.8	114	10.2	20715.0	-6840.1	204	10.2	31641.2	-6834.3
3935	9.5	225141.0	-6710.3	25	8.2	03532.0	-6852.2	115	10.4	20716.5	-6804.6	205	9.7	31840.5	-6842.1
3936	8.6	225147.0	-6730.0	26	9.6	03713.0	-6846.6	116	9.8	20730.5	-6823.5	206	7.0	32005.8	-6859.0
3937	8.4	225334.0	-6732.9	27	9.6	04038.0	-6833.3	117	10.1	20756.0	-6852.2	207	8.8	32107.8	-6855.1
3938	9.8	225339.5	-6732.4	28	8.2	04232.5	-6823.6	118	10.8	20809.9	-6800.9	208	9.4	32237.9	-6856.6
3939	9.9	225348.8	-6738.6	29	8.3	04331.0	-6812.9	119	10.1	20819.1	-6843.3	209	9.6	32301.0	-6822.4
3940	10.4	225504.0	-6751.5	30	9.6	04400.0	-6842.0	120	10.8	20845.1	-6819.7	210	8.1	32358.5	-6846.2
3941	8.9	225645.0	-6748.1	31	9.1	04727.5	-6850.6	121	9.5	20847.6	-6806.5	211	9.8	32403.8	-6848.0
3942	9.2	225820.0	-6705.3	32	9.2	04955.5	-6807.5	122	10.6	20921.6	-6845.8	212	9.8	32426.5	-6828.0
3943	9.0	225839.2	-6707.0	33	9.4	04958.0	-6807.4	123	10.6	20937.6	-6822.2	213	8.8	32514.8	-6803.1
3944	8.8	225942.7	-6719.6	34	9.6	05023.5	-6810.4	124	10.8	21030.6	-6817.9	214	9.6	32659.0	-6825.0
3945	9.8	230014.0	-6744.0	35	8.9	05317.0	-6852.2	125	10.1	21137.6	-6844.2	215	9.3	32733.0	-6836.8
3946	9.6	230023.5	-6720.3	36	9.3	05456.0	-6841.9	126	6.8	21138.6	-6825.6	216	8.8	32942.0	-6837.1
3947	9.0	230133.2	-6711.5	37	9.6	05600.0	-6846.0	127	10.8	21216.1	-6836.5	217	9.6	33012.5	-6851.6
3948	7.8	230142.5	-6709.0	38	9.6	05840.0	-6842.7	128	7.0	21252.6	-6819.6	218	9.6	33241.0	-6805.0
3949	7.5	230210.8	-6732.1	39	9.6	05852.5	-6819.4	129	9.9	21330.6	-6813.4	219	9.6	33315.5	-6830.9
3950	10.0	230344.0	-6706.9	40	9.4	10145.3	-6838.7	130	9.6	21407.6	-6858.3	220	9.6	33346.0	-6817.9
3951	10.0	230646.5	-6706.9	41	9.9	10550.5	-6807.8	131	8.8	21437.6	-6846.2	221	8.8	33413.5	-6814.8
3952	9.2	230743.0	-6704.9	42	9.8	10555.0	-6848.1	132	8.4	21543.1	-6821.7	222	8.8	33425.0	-6816.5
3953	8.4	230749.0	-6734.2	43	9.6	10658.5	-6842.8	133	8.0	21701.0	-6815.8	223	8.8	33438.0	-6847.8
3954	8.6	230752.0	-6751.1	44	10.3	10712.0	-6853.0	134	6.7	21727.0	-6839.5	224	8.1	33618.5	-6850.7
3955	10.0	230757.0	-6724.5	45	10.3	10719.5	-6852.2	135	9.0	21830.5	-6841.5	225	9.7	33633.0	-6816.5
3956	8.6	230804.0	-6748.1	46	10.3	10902.7	-6848.9	136	9.5	21938.5	-6820.3	226	9.4	33708.5	-6859.0
3957	9.6	230810.5	-6708.3	47	7.2	11212.3	-6805.6	137	10.1	22029.5	-6836.4	227	9.6	33713.0	-6820.8
3958	8.8	230918.5	-6731.3	48	10.0	11217.0	-6803.1	138	10.8	22100.5	-6849.5	228	9.7	33752.0	-6822.7
3959	9.0	230926.0	-6736.3	49	9.5	11316.0	-6858.5	139	10.8	22122.5	-6805.4	229	9.9	33908.0	-6856.5
3960	8.8	230929.5	-6735.3	50	8.6	11546.0	-6805.0	140	8.7	22150.7	-6843.1	230	9.7	33942.5	-6849.0
3961	9.4	230940.0	-6730.6	51	8.2	11619.0	-6843.5	141	8.8	22220.7	-6842.7	231	8.7	33948.0	-6816.0
3962	9.2	231356.0	-6708.0	52	10.2	11751.5	-6831.2	142	10.8	22258.7	-6833.3	232	8.8	34041.0	-6856.2
3963	10.1	231512.5	-6717.9	53	8.6	11928.5	-6838.0	143	9.5	22308.7	-6836.1	233	8.8	34059.5	-6833.8
3964	7.8	231941.5	-6716.0	54	9.2	11943.0	-6858.8	144	7.6	22309.2	-6819.8	234	9.4	34144.0	-6852.4
3965	9.6	231946.0	-6719.6	55	9.9	11947.5	-6852.2	145	10.6	22312.7	-6833.6	235	9.7	34213.0	-6819.8
3966	8.8	232039.0	-6735.8	56	8.4	12141.5	-6804.1	146	10.6	22356.2	-6842.1	236	9.2	34357.0	-6808.0

237	9.7	34454.0	-6845.0	327	9.6	51106.0	-6823.7	417	9.6	54132.2	-6853.0	507	10.0	62334.5	-6854.4
238	9.7	34842.0	-6822.2	328	9.7	51217.5	-6852.3	418	8.5	54159.5	-6849.5	508	10.0	62408.5	-6844.1
239	9.6	35121.5	-6853.1	329	9.7	51224.0	-6800.1	419	9.9	54218.3	-6856.1	509	9.6	62422.3	-6809.0
240	9.6	35613.0	-6849.4	330	9.7	51227.5	-6812.3	420	8.7	54245.5	-6845.9	510	9.6	62429.5	-6835.6
241	8.6	35817.5	-6841.8	331	9.4	51244.5	-6805.5	421	10.1	54253.0	-6845.3	511	10.1	62434.0	-6824.5
242	9.7	40356.0	-6814.5	332	9.7	51257.5	-6809.2	422	10.1	54257.5	-6844.6	512	9.2	62437.3	-6831.6
243	9.7	40530.5	-6837.9	333	9.4	51318.5	-6834.6	423	10.0	54304.0	-6806.9	513	10.0	62504.5	-6832.1
244	8.8	40559.0	-6802.3	334	9.6	51339.0	-6804.2	424	9.6	54320.0	-6828.0	514	10.0	62527.0	-6815.1
245	9.3	40752.0	-6841.0	335	8.4	51359.0	-6809.7	425	10.2	54329.5	-6836.7	515	8.8	62534.0	-6843.4
246	9.4	40827.5	-6850.2	336	9.5	51514.0	-6821.0	426	10.0	54329.5	-6808.5	516	9.6	62536.5	-6808.9
247	9.6	40954.7	-6849.5	337	9.4	51559.0	-6858.5	427	10.2	54330.5	-6826.7	517	9.6	62554.5	-6850.0
248	9.4	41141.0	-6831.7	338	9.1	51602.5	-6812.2	428	8.8	54353.0	-6838.5	518	9.4	62608.5	-6839.5
249	9.7	41145.5	-6817.0	339	9.7	51635.0	-6823.3	429	10.0	54401.0	-6807.3	519	9.6	62625.0	-6820.1
250	9.0	41718.0	-6800.4	340	8.7	51641.0	-6816.0	430	10.1	54407.0	-6831.0	520	10.1	62639.5	-6834.9
251	9.2	41914.5	-6837.2	341	8.6	51711.0	-6819.1	431	8.3	54409.5	-6807.9	521	10.0	62651.5	-6843.2
252	9.7	41918.5	-6850.9	342	9.3	51718.0	-6845.3	432	10.1	54440.5	-6815.6	522	10.1	62652.5	-6817.6
253	8.0	42007.5	-6859.8	343	9.5	51725.5	-6817.7	433	10.0	54442.0	-6814.0	523	10.1	62659.0	-6842.1
254	9.4	42009.0	-6822.0	344	9.1	51736.5	-6815.9	434	9.5	54558.0	-6804.0	524	9.4	62707.0	-6838.1
255	9.2	42033.5	-6804.8	345	8.7	51756.0	-6836.1	435	10.1	54420.0	-6853.6	525	10.0	62747.5	-6831.1
256	9.0	42052.0	-6823.6	346	9.6	51807.0	-6829.3	436	10.0	54457.0	-6805.9	526	8.5	62754.5	-6811.3
257	9.7	42057.0	-6818.6	347	8.4	51811.5	-6843.2	437	10.0	54730.0	-6805.4	527	10.0	62802.0	-6809.2
258	9.7	42102.5	-6806.6	348	8.8	51833.5	-6829.0	438	10.0	54733.0	-6831.9	528	9.8	62813.0	-6802.1
259	9.6	42111.0	-6855.1	349	9.5	51833.5	-6839.1	439	9.6	54744.0	-6841.3	529	10.0	62859.5	-6831.4
260	9.4	42155.5	-6844.4	350	8.6	51836.0	-6835.5	440	9.0	54923.5	-6825.5	530	9.2	62918.5	-6802.7
261	9.7	42231.5	-6842.4	351	9.4	51844.0	-6833.1	441	9.4	54941.0	-6833.6	531	9.4	63022.5	-6819.5
262	9.2	42302.0	-6810.0	352	9.4	51856.0	-6835.5	442	9.0	55119.5	-6827.4	532	7.8	63110.0	-6851.2
263	9.7	42314.5	-6822.0	353	9.4	51907.5	-6809.6	443	9.5	55148.0	-6841.7	533	10.0	63120.5	-6835.0
264	9.6	42538.5	-6823.4	354	9.4	51929.0	-6841.6	444	9.5	55224.5	-6804.6	534	8.2	63219.0	-6801.3
265	9.6	42733.0	-6806.2	355	9.3	51939.5	-6851.6	445	10.2	55256.0	-6805.4	535	10.1	63225.5	-6803.2
266	8.6	42740.5	-6816.3	356	9.2	51946.0	-6853.1	446	9.9	55258.0	-6820.4	536	8.9	63237.5	-6835.9
267	9.7	42935.0	-6831.0	357	9.2	51947.5	-6842.1	447	9.2	55305.0	-6812.9	537	9.8	63327.0	-6808.3
268	8.1	43006.0	-6809.4	358	9.5	52029.0	-6805.8	448	9.0	55320.7	-6859.5	538	10.0	63331.5	-6827.9
269	9.7	43530.5	-6828.8	359	9.7	52037.0	-6809.7	449	9.0	55339.5	-6827.7	539	10.0	63444.0	-6822.2
270	9.0	43556.5	-6829.4	360	8.8	52120.5	-6806.2	450	10.0	55343.5	-6808.2	540	8.6	63535.0	-6827.2
271	8.8	44154.5	-6850.4	361	9.4	52134.0	-6828.1	451	10.1	55426.5	-6819.8	541	9.8	63548.2	-6859.7
272	7.9	44517.0	-6814.9	362	9.4	52232.0	-6843.7	452	9.9	55432.0	-6835.1	542	10.0	63554.0	-6803.1
273	9.7	44517.5	-6837.1	363	9.0	52233.5	-6811.3	453	9.7	55545.5	-6803.1	543	9.6	63629.0	-6824.8
274	9.6	44547.5	-6857.9	364	9.7	52303.0	-6845.2	454	9.2	55546.5	-6840.1	544	10.0	63636.5	-6818.9
275	9.6	44653.0	-6820.4	365	8.9	52326.0	-6810.5	455	10.0	55600.0	-6803.8	545	10.0	63717.5	-6814.0
276	8.9	44653.0	-6857.7	366	9.6	52339.5	-6800.9	456	8.6	55610.0	-6803.8	546	9.0	63718.5	-6817.1
277	7.7	44659.5	-6845.9	367	9.2	52508.5	-6800.3	457	9.3	55628.0	-6816.3	547	9.6	63740.0	-6821.3
278	8.8	44825.5	-6858.9	368	9.6	52520.0	-6841.1	458	9.9	55804.0	-6829.1	548	10.0	63955.0	-6847.0
279	9.7	44834.5	-6858.8	369	8.5	52529.5	-6806.4	459	20.0	55936.5	-6831.1	549	9.6	64051.0	-6854.7
280	7.6	45135.2	-6816.7	370	9.6	52553.5	-6814.4	460	9.5	60029.0	-6827.2	550	10.0	64125.5	-6841.8
281	9.2	45148.7	-6838.7	371	9.6	52702.5	-6812.0	461	10.0	60220.5	-6839.6	551	10.0	64130.5	-6834.3
282	9.2	45152.7	-6818.0	372	9.6	52720.0	-6858.0	462	10.0	60323.5	-6817.8	552	10.0	64138.0	-6834.9
283	9.7	45156.0	-6828.4	373	9.2	52729.5	-6855.8	463	9.2	60326.5	-6815.4	553	10.1	64159.0	-6854.7
284	9.6	45330.5	-6843.9	374	9.6	52738.0	-6856.0	464	10.1	60332.0	-6828.3	554	10.1	64203.5	-6838.1
285	9.4	45331.8	-6803.0	375	7.5	52739.0	-6843.2	465	10.0	60356.0	-6815.3	555	9.8	64249.0	-6818.2
286	9.3	45404.3	-6836.4	376	9.6	52744.0	-6836.0	466	9.4	60413.0	-6802.4	556	8.5	64253.0	-6808.4
287	9.7	45407.0	-6852.9	377	9.2	52810.0	-6810.2	467	9.2	60425.0	-6830.9	557	9.4	64255.0	-6834.1
288	9.4	45413.0	-6854.8	378	9.6	52917.5	-6859.6	468	9.8	60516.5	-6828.3	558	9.8	64304.5	-6807.8
289	9.6	45435.5	-6812.0	379	9.6	52922.0	-6808.8	469	9.5	60541.0	-6823.0	559	10.0	64316.5	-6835.1
290	9.1	45450.3	-6829.6	380	9.6	52926.0	-6854.5	470	9.5	60708.5	-6805.5	560	10.1	64329.0	-6827.1
291	9.6	45504.0	-6839.1	381	9.2	53012.5	-6857.6	471	9.9	60710.5	-6859.3	561	10.1	64335.5	-6827.1
292	9.5	45520.0	-6851.8	382	9.6	53044.0	-6801.8	472	9.6	60735.0	-6815.2	562	9.8	64500.5	-6824.6
293	20.0	45534.5	-6823.9	383	9.5	53059.5	-6811.9	473	9.6	60750.0	-6813.7	563	10.1	64706.0	-6847.0
294	9.0	45635.0	-6830.8	384	9.4	53137.5	-6811.9	474	5.1	60929.5	-6849.0	564	10.0	64718.0	-6802.1
295	9.6	45732.5	-6836.3	385	9.6	53142.0	-6850.1	475	9.6	61007.0	-6811.9	565	10.0	64731.5	-6820.6
296	9.5	45741.0	-6835.9	386	9.4	53231.5	-6837.7	476	10.1	61109.0	-6818.3	566	10.0	64818.5	-6827.1
297	9.6	45749.0	-6812.3	387	9.6	53355.0	-6839.2	477	10.0	61145.0	-6851.4	567	8.6	64837.5	-6816.7
298	9.7	45912.0	-6827.2	388	8.8	53417.5	-6801.1	478	9.9	61151.5	-6832.2	568	9.4	65010.0	-6822.1
299	9.5	45943.5	-6825.2	389	9.6	53457.5	-6805.4	479	9.9	61208.0	-6833.6	569	10.0	65056.0	-6811.4
300	8.3	50021.0	-6845.7	390	9.7	53500.0	-6818.0	480	10.1	61244.5	-6837.1	570	9.9	65108.5	-6833.2
301	9.7	50025.5	-6823.3	391	8.9	53511.0	-6816.9	481	10.2	61247.0	-6830.0	571	8.6	65138.5	-6833.6
302	9.5	50044.5	-6823.1	392	9.6	53511.0	-6818.2	482	10.0	61323.5	-6805.1	572	10.0	65204.0	-6851.7
303	9.6	50128.5	-6810.1	393	9.7	53538.5	-6851.0	483	9.9	61441.5	-6833.9	573	9.6	65248.0	-6851.9
304	9.1	50151.5	-6812.2	394	10.0	53546.0	-6832.5	484	9.1	61502.5	-6859.2	574	10.2	65303.0	-6810.7
305	9.0	50257.3	-6801.1	395	9.5	53610.5	-6838.3	485	10.0	61505.0	-6810.5	575	9.7	65303.5	-6854.3
306	9.1	50332.0	-6840.9	396	9.9	53622.5	-6822.1	486	10.0	61505.0	-6826.2	576	9.6	65305.5	-6851.9
307	9.7	50413.0	-6805.0	397	9.6	53719.4	-6858.3	487	9.9	61828.0	-6833.3	577	9.8	65341.7	-6857.1
308	9.6	50511.5	-6817.1	398	10.0	53724.0	-6812.1	488	10.1	61841.5	-6813.1	578	9.0	65451.5	-6847.4
309	9.7	50512.5	-6817.6	399	10.2	53731.0	-6840.8	489	10.0	61902.5	-6826.5	579	8.0	65607.0	-6820.3
310	9.7	50527.5	-6851.0	400	9.3	53735.8	-6850.9	490	9.7	61935.0	-6843.8	580	8.7	65638.5	-6851.1
311	8.1	50528.5	-6815.1	401	9.6	53741.2	-6856.1	491	9.0	62000.5	-6846.3	581	10.1	65647.0	-6818.5
312	9.7	50536.5	-6812.1	402	10.2	53808.5	-6820.8	492	10.1	62008.0	-6853.3	582	9.9	65719.0	-6834.3
313	9.4	50554.5	-6825.1	403	9.2	53809.5	-6847.8	493	10.1	62015.5	-6835.6	583	9.6	65733.5	-6820.8
314	8.9	50613.0	-6803.1	404	9.7	53811.4	-6803.0	494	9.2	62027.5	-6822.3	584	8.8	65751.5	-6810.6
315	8.6	50626.5	-6834.9	405	9.7	53812.5	-6830.0	495	8.8	62057.0	-6837.3	585	10.0	65832.0	-6846.8
316	9.7	50729.0	-6804.6	406	9.8	53836.5	-6859.1	496	10.2	62058.5	-6825.9	586	10.0	70445.0	-6831.9
317	9.6	50731.0	-6838.0	407	9.3	53844.8	-6830.5	497	9.7	62111.5	-6819.1	587	9.2	70451.5	-6803.4
318	9.7	50752.0	-6841.5	408	9.7	53848.2	-6849.6	498	9.7	62111.8	-6824.9	588	9.4	70552.0	-6811.9
319	9.7	50804.5	-6825.0	409	10.1	53906.5	-6854.3	499	10.2	62121.0	-6826.9	589	8.8	70635.7	-6848.9
320	9.6	50848.0	-6853.4	410	9.6	53921.7	-6857.1	500	10.0	62134.0	-6847.0	590	10.4	70639.5	-6856.9
321	9.0	50854.5	-6837.9	411	9.7	54009.9	-6800.1	501	9.4	62134.5	-6818.9	591	7.6	70641.0	-6838.2
322	20.0	50916.0	-6854.9	412	10.2	54037.5	-6832.2	502	10.0	62155.5	-6851.4	592	10.4	70703.0	-6832.2
323	20.0	50921.0	-6855.0	413	9.8	54048.3	-6829.1	503	9.4	62204.5	-6842.1	593	9.9	70709.8	-6859.3
324	9.6	50922.0	-6803.2	414	9.4	54049.5	-6848.1	504	10.0	62318.5	-6852.6	594	9.8	70759.0	-6843.1
325	9.4	51007.5	-6801.3	415	9.9	54106.7	-6818.3	505	10.0	62323.5	-6830.5	595	10.4	70801.0	-6838.8
326	9.4	51100.0	-6855.3	416	10.1	54131.5	-6826.6	506	10.0	62330.5	-6830.8	596	10.4	70848.5	-6810.0

597	10.4	70855.0	-6859.0	687	10.0	75202.5	-6853.0	777	8.0	81948.5	-6839.7	867	10.1	85419.0	-6840.5
598	10.4	70903.5	-6831.3	688	9.3	75227.3	-6801.6	778	9.1	82005.5	-6832.4	868	9.4	85419.0	-6839.9
599	10.4	70924.5	-6841.0	689	9.3	75233.0	-6842.2	779	10.0	82059.5	-6837.0	869	8.4	85436.0	-6830.8
600	9.8	70955.4	-6800.8	690	9.6	75344.0	-6817.0	780	9.4	82259.5	-6833.2	870	10.0	85500.0	-6809.0
601	9.6	71018.7	-6803.5	691	9.1	75350.5	-6834.2	781	9.7	82321.0	-6810.5	871	9.4	85512.5	-6803.2
602	10.4	71024.0	-6849.0	692	8.7	75425.3	-6840.1	782	10.0	82341.5	-6856.1	872	8.8	85604.5	-6832.2
603	10.0	71027.5	-6806.0	693	9.1	75441.7	-6848.3	783	10.0	82425.0	-6825.8	873	9.1	85642.5	-6840.2
604	10.4	71034.5	-6823.0	694	10.0	75454.5	-6814.0	784	9.9	82441.5	-6849.1	874	10.0	85712.5	-6828.6
605	10.4	71042.5	-6819.6	695	10.0	75503.0	-6847.8	785	10.0	82447.5	-6818.0	875	9.4	85720.0	-6820.6
606	9.9	71117.5	-6852.6	696	10.0	75545.5	-6858.3	786	10.0	82520.5	-6840.7	876	10.1	85733.5	-6821.2
607	9.0	71120.5	-6852.0	697	9.2	75555.0	-6837.0	787	9.4	82524.5	-6855.8	877	8.8	85809.0	-6814.9
608	8.8	71147.0	-6837.2	698	10.0	75722.0	-6856.4	788	9.7	82653.0	-6834.4	878	9.8	85909.0	-6845.1
609	10.2	71248.5	-6814.0	699	10.0	75723.5	-6855.9	789	10.0	82736.0	-6853.0	879	7.8	85943.0	-6811.5
610	10.4	71300.0	-6847.6	700	10.0	75746.5	-6811.0	790	8.0	82750.0	-6812.0	880	9.9	85945.5	-6848.9
611	10.3	71357.5	-6835.8	701	9.3	75757.5	-6857.0	791	9.6	82804.5	-6835.0	881	9.0	85958.0	-6825.9
612	10.2	71359.0	-6834.9	702	9.4	75831.0	-6832.0	792	9.1	82812.0	-6833.6	882	10.1	90004.5	-6813.1
613	10.3	71420.0	-6828.0	703	9.4	75839.0	-6842.5	793	10.0	82820.5	-6840.8	883	10.1	90112.0	-6850.0
614	9.9	71525.0	-6816.4	704	10.0	75851.5	-6831.0	794	10.0	82837.5	-6851.0	884	10.1	90140.0	-6854.1
615	10.2	71542.5	-6820.0	705	9.4	75921.0	-6848.2	795	9.2	82915.5	-6812.1	885	10.0	90237.0	-6839.8
616	10.4	71549.0	-6805.0	706	9.6	75934.5	-6842.4	796	9.7	83053.5	-6850.8	886	8.5	90239.5	-6844.0
617	10.4	71623.0	-6810.7	707	9.6	75937.5	-6824.0	797	9.8	83105.0	-6816.0	887	9.7	90329.0	-6840.0
618	9.8	71650.5	-6849.1	708	9.7	75956.5	-6812.0	798	10.0	83113.5	-6858.0	888	10.0	90350.5	-6819.9
619	10.3	71708.0	-6858.7	709	10.0	80007.0	-6804.4	799	10.0	83140.0	-6842.0	889	9.9	90403.0	-6831.3
620	10.4	71747.5	-6819.4	710	9.8	80018.5	-6838.9	800	9.7	83143.5	-6801.5	890	10.1	90410.5	-6839.4
621	9.8	71908.5	-6853.1	711	9.9	80026.0	-6859.6	801	9.0	83151.0	-6826.1	891	10.1	90520.5	-6839.2
622	9.7	71944.2	-6859.1	712	10.0	80046.0	-6852.2	802	10.0	83200.5	-6822.0	892	10.1	90524.5	-6832.9
623	9.4	72003.5	-6821.7	713	9.9	80103.5	-6802.2	803	10.0	83204.0	-6818.0	893	10.0	90530.0	-6835.1
624	10.3	72024.5	-6859.1	714	9.4	80156.5	-6809.8	804	10.0	83217.5	-6806.1	894	9.7	90547.5	-6804.5
625	9.6	72119.5	-6820.2	715	9.7	80200.5	-6853.9	805	9.8	83220.5	-6824.9	895	10.0	90556.0	-6830.0
626	9.8	72144.5	-6804.7	716	10.0	80218.0	-6831.0	806	9.7	83241.0	-6809.6	896	7.6	90607.0	-6815.0
627	9.4	72200.8	-6801.0	717	9.5	80251.0	-6812.0	807	8.4	83316.5	-6855.0	897	8.5	90624.0	-6801.4
628	9.8	72218.5	-6838.6	718	10.0	80254.0	-6856.0	808	10.0	83341.5	-6835.0	898	10.1	90714.0	-6820.0
629	9.8	72255.0	-6816.0	719	9.4	80320.0	-6805.6	809	8.4	83429.0	-6800.7	899	10.0	90717.0	-6802.0
630	9.6	72306.0	-6834.0	720	9.4	80321.0	-6859.8	810	10.0	83439.5	-6832.0	900	9.9	90735.0	-6849.0
631	10.0	72324.5	-6810.4	721	8.9	80323.5	-6848.4	811	10.0	83442.0	-6811.2	901	8.6	90750.0	-6824.0
632	10.4	72350.5	-6829.8	722	10.0	80331.5	-6849.8	812	10.1	83534.5	-6839.0	902	8.7	90833.0	-6809.0
633	10.3	72352.0	-6824.0	723	9.4	80336.5	-6828.8	813	9.4	83549.0	-6853.1	903	10.0	90946.5	-6806.9
634	9.8	72359.0	-6825.9	724	10.0	80337.0	-6823.8	814	9.9	83551.8	-6847.8	904	7.3	90949.5	-6844.5
635	9.8	72417.5	-6816.4	725	8.0	80337.5	-6834.7	815	10.0	83641.3	-6851.9	905	9.0	90950.0	-6855.1
636	9.8	72551.0	-6802.9	726	9.9	80341.5	-6817.4	816	9.2	83758.0	-6800.7	906	7.8	91015.5	-6841.2
637	9.6	72602.3	-6802.9	727	10.0	80343.0	-6850.5	817	10.0	83811.0	-6812.1	907	8.6	91028.5	-6813.8
638	9.2	72608.5	-6828.9	728	9.9	80345.0	-6808.9	818	7.4	83825.5	-6849.8	908	10.1	91121.0	-6832.2
639	9.8	72618.5	-6811.6	729	10.0	80444.5	-6847.2	819	9.5	83854.8	-6801.2	909	10.1	91205.5	-6819.8
640	8.4	72627.5	-6839.0	730	9.7	80511.5	-6853.0	820	9.1	83900.3	-6851.9	910	8.4	91229.5	-6823.9
641	10.2	72645.5	-6839.6	731	8.4	80611.5	-6815.1	821	10.1	83920.0	-6820.9	911	8.8	91302.5	-6838.1
642	10.2	72713.0	-6820.0	732	10.0	80625.5	-6817.9	822	10.1	83921.0	-6811.8	912	9.6	91323.5	-6856.8
643	10.4	72713.5	-6854.8	733	10.0	80651.5	-6805.0	823	10.0	83940.8	-6810.2	913	10.1	91340.0	-6848.7
644	7.4	72715.5	-6821.6	734	8.7	80722.0	-6819.4	824	10.0	83950.3	-6826.5	914	10.1	91405.5	-6816.2
645	10.4	72720.5	-6825.0	735	7.6	80725.5	-6831.9	825	9.9	84038.8	-6833.4	915	9.4	91416.0	-6856.0
646	10.4	72734.0	-6825.4	736	5.0	80731.5	-6815.0	82	9.9	84117.3	-6813.5	916	10.0	91500.5	-6851.5
647	10.3	72755.0	-6809.0	737	9.4	80732.5	-6820.0	82	10.2	84220.5	-6805.6	917	9.1	91527.5	-6803.4
648	8.6	72802.0	-6829.9	738	9.3	80744.0	-6831.4	82	10.0	84220.5	-6810.0	918	6.0	91531.5	-6809.9
649	10.4	72803.5	-6836.5	739	10.0	80802.0	-6839.4	82	9.7	84220.5	-6835.1	919	10.1	91539.0	-6843.0
650	10.2	72826.5	-6848.0	740	9.6	80808.5	-6801.3	83	9.2	84225.5	-6823.0	920	9.6	91721.5	-6832.5
651	9.0	72902.5	-6819.0	741	10.0	80814.0	-6837.1	83	9.6	84232.0	-6812.0	921	9.7	91747.0	-6813.7
652	9.0	72948.5	-6807.1	742	9.7	80832.0	-6822.0	83	10.0	84259.0	-6841.3	922	10.1	91757.5	-6813.0
653	8.4	73042.0	-6843.8	743	7.4	80837.0	-6837.3	833	9.9	84318.5	-6806.6	923	10.0	91810.0	-6849.4
654	10.2	73116.0	-6804.8	744	10.0	80904.5	-6825.3	834	10.1	84331.0	-6822.6	924	10.1	91818.8	-6857.5
655	10.4	73300.5	-6850.2	745	8.6	80907.5	-6801.2	835	9.7	84335.5	-6810.0	925	10.0	91829.5	-6805.8
656	6.8	73329.5	-6829.5	746	9.4	81000.5	-6820.0	836	9.9	84346.5	-6838.0	926	9.2	91911.0	-6853.0
657	10.4	73340.0	-6852.0	747	10.0	81100.5	-6808.1	837	10.0	84356.0	-6816.0	927	7.8	91920.5	-6846.2
658	10.3	73508.5	-6820.9	748	10.0	81116.5	-6823.2	838	9.6	84502.5	-6803.0	928	10.1	91945.5	-6805.2
659	6.9	73630.0	-6846.3	749	10.0	81117.0	-6842.9	839	8.8	84529.0	-6858.1	929	9.8	92021.0	-6806.3
660	10.3	73633.5	-6823.0	750	9.6	81117.5	-6807.0	840	10.1	84545.5	-6823.8	930	10.1	92029.5	-6800.0
661	10.4	73639.5	-6821.7	751	10.0	81120.0	-6807.4	841	9.6	84552.0	-6825.0	931	10.0	92031.5	-6834.6
662	7.7	73656.0	-6813.5	752	10.0	81127.5	-6809.3	842	10.0	84614.0	-6809.5	932	9.3	92046.0	-6840.4
663	10.3	73657.0	-6849.0	753	10.0	81139.0	-6818.8	843	9.9	84616.0	-6839.0	933	9.2	92058.5	-6812.1
664	10.3	73723.0	-6845.4	754	9.3	81208.5	-6823.0	844	10.0	84652.0	-6856.0	934	8.1	92101.3	-6840.9
665	10.4	73811.5	-6855.0	755	10.0	81217.5	-6856.0	845	8.3	84710.0	-6812.1	935	9.2	92101.5	-6829.5
666	9.2	74052.5	-6846.6	756	10.0	81229.0	-6848.4	846	9.0	84721.5	-6854.3	936	9.4	92154.5	-6834.0
667	10.3	74142.0	-6816.8	757	10.0	81231.0	-6854.8	847	9.1	84731.0	-6818.2	937	8.6	92155.3	-6805.9
668	9.6	74157.5	-6821.9	758	9.2	81316.5	-6816.1	848	9.6	84752.0	-6858.5	938	9.4	92212.8	-6825.8
669	8.6	74224.5	-6854.3	759	10.0	81420.5	-6811.4	849	10.0	84818.5	-6858.3	939	9.6	92229.0	-6824.8
670	10.4	74303.5	-6808.4	760	9.7	81511.5	-6806.2	850	9.9	84820.0	-6803.2	940	9.3	92254.7	-6854.9
671	9.6	74439.5	-6808.0	761	9.5	81525.0	-6805.1	851	9.7	84917.0	-6842.9	941	9.6	92304.0	-6848.8
672	8.8	74451.5	-6827.0	762	10.0	81551.0	-6808.6	852	9.8	84918.3	-6801.4	942	9.6	92349.5	-6854.8
673	9.6	74643.5	-6836.2	763	9.7	81552.5	-6848.6	853	9.9	84934.5	-6859.9	943	9.2	92418.8	-6820.9
674	9.6	74719.0	-6843.0	764	9.2	81556.5	-6838.6	854	10.1	85034.0	-6821.4	944	9.3	92420.3	-6840.1
675	10.2	74748.5	-6857.2	765	9.5	81651.5	-6844.1	855	10.0	85037.0	-6818.6	945	8.2	92430.5	-6843.5
676	9.4	74810.5	-6802.3	766	9.2	81716.5	-6844.1	856	8.3	85039.0	-6834.4	946	9.6	92439.0	-6838.9
677	9.2	74837.4	-6801.6	767	10.0	81725.5	-6825.0	857	9.6	85044.5	-6842.4	947	9.6	92541.0	-6833.0
678	9.7	74848.5	-6810.0	768	10.0	81802.0	-6855.0	858	9.5	85101.0	-6816.1	948	9.4	92545.5	-6811.6
679	10.3	74935.5	-6848.4	769	9.8	81831.5	-6840.0	859	9.0	85106.0	-6815.5	949	9.4	92634.3	-6817.1
680	10.0	75021.0	-6846.8	770	9.2	81842.0	-6816.3	860	9.0	85155.0	-6838.6	950	9.3	92639.5	-6837.4
681	10.0	75117.0	-6813.0	771	8.6	81900.0	-6836.1	861	10.1	85155.0	-6854.1	951	9.2	92708.0	-6852.2
682	9.8	75127.5	-6848.0	772	9.4	81909.5	-6850.6	862	8.6	85222.5	-6803.8	952	8.6	92727.0	-6811.0
683	9.6	75138.7	-6821.9	773	9.4	81911.5	-6816.0	863	8.8	85300.0	-6800.1	953	9.5	92758.0	-6805.3
684	9.9	75145.0	-6831.4	774	10.0	81918.0	-6809.0	864	9.1	85306.5	-6803.8	954	9.5	92758.5	-6803.9
685	9.8	75150.3	-6814.0	775	10.0	81927.0	-6832.2	865	9.0	85313.0	-6851.9	955	9.6	92800.0	-6840.0
686	9.9	75155.0	-6827.8	776	9.4	81940.0	-6809.6	866	10.0	85357.0	-6801.3	956	9.1	92807.0	-6826.0

957	9.6	92819.0 -6809.5	1047	9.3	100812.3 -6822.6	1137	9.8	102128.0 -6806.0	1227	9.8	103148.5 -6848.0
958	9.5	92856.0 -6808.6	1048	9.4	100820.5 -6810.5	1138	9.6	102128.5 -6822.8	1228	9.4	103218.0 -6842.7
959	9.6	92907.5 -6829.8	1049	9.9	100826.5 -6858.1	1139	9.4	102144.0 -6811.5	1229	9.2	103229.0 -6844.0
960	9.6	93018.0 -6807.9	1050	9.8	100832.0 -6817.0	1140	9.8	102147.0 -6851.0	1230	9.9	103231.0 -6804.6
961	9.4	93027.5 -6808.2	1051	9.7	100832.0 -6817.3	1141	9.8	102205.5 -6820.5	1231	9.2	103234.5 -6839.9
962	8.4	93043.5 -6800.7	1052	8.8	100832.5 -6810.1	1142	9.6	102209.0 -6807.3	1232	9.8	103309.0 -6840.1
963	9.6	93118.0 -6807.5	1053	9.4	100842.5 -6809.9	1143	9.5	102212.5 -6817.5	1233	9.4	103329.5 -6853.7
964	9.4	93128.5 -6838.3	1054	9.8	100849.0 -6843.9	1144	8.7	102221.5 -6844.3	1234	8.1	103334.0 -6842.8
965	9.0	93147.8 -6801.9	1055	9.7	100908.0 -6840.0	1145	9.4	102223.0 -6825.5	1235	9.8	103334.5 -6859.1
966	9.3	93233.5 -6844.0	1056	9.9	100917.0 -6857.6	1146	9.4	102233.0 -6850.2	1236	9.4	103339.0 -6831.7
967	9.6	93516.5 -6815.9	1057	9.9	100920.5 -6802.6	1147	9.8	102242.0 -6836.6	1237	9.4	103348.5 -6845.6
968	9.3	93527.5 -6821.9	1058	9.9	100942.0 -6841.0	1148	9.4	102301.5 -6838.4	1238	9.8	103350.5 -6858.8
969	9.0	93555.5 -6834.3	1059	9.2	100948.0 -6848.6	1149	9.7	102306.0 -6846.1	1239	9.4	103355.5 -6836.2
970	9.6	93600.5 -6832.3	1060	9.0	100952.0 -6859.0	1150	9.6	102307.5 -6831.2	1240	9.7	103359.5 -6835.5
971	9.6	93623.5 -6823.2	1061	9.8	101014.0 -6835.9	1151	9.6	102312.0 -6857.5	1241	9.7	103402.0 -6856.0
972	8.5	93634.5 -6802.5	1062	8.7	101024.3 -6828.7	1152	9.6	102326.8 -6857.4	1242	9.7	103419.0 -6805.7
973	9.6	93759.0 -6825.3	1063	9.7	101045.0 -6849.9	1153	9.8	102328.0 -6847.8	1243	9.7	103424.5 -6845.1
974	9.4	93842.5 -6856.6	1064	9.7	101057.0 -6803.1	1154	9.4	102330.5 -6831.5	1244	9.2	103432.5 -6824.4
975	9.6	93930.8 -6802.6	1065	9.8	101058.0 -6804.9	1155	9.7	102341.5 -6844.7	1245	7.8	103436.5 -6837.3
976	8.8	94044.0 -6846.0	1066	9.8	101114.0 -6803.0	1156	9.7	102343.0 -6857.0	1246	8.8	103453.5 -6853.0
977	9.6	94051.0 -6824.4	1067	8.2	101117.5 -6815.1	1157	9.2	102343.0 -6837.7	1247	9.5	103501.0 -6821.6
978	9.6	94055.5 -6837.8	1068	9.8	101118.5 -6824.1	1158	9.6	102401.0 -6859.8	1248	8.4	103503.0 -6848.2
979	8.6	94111.5 -6826.2	1069	9.6	101119.0 -6804.0	1159	9.4	102408.0 -6819.1	1249	9.8	103504.5 -6817.9
980	8.6	94129.8 -6800.9	1070	9.8	101127.5 -6806.0	1160	9.9	102412.0 -6818.0	1250	9.7	103509.5 -6824.0
981	9.6	94148.5 -6834.7	1071	9.4	101141.0 -6835.0	1161	9.4	102412.0 -6828.0	1251	9.8	103509.5 -6847.1
982	9.4	94233.0 -6804.8	1072	9.5	101141.5 -6813.3	1162	9.9	102418.5 -6852.5	1252	9.6	103514.0 -6859.9
983	8.8	94250.5 -6828.0	1073	9.4	101203.5 -6813.0	1163	9.4	102432.0 -6835.8	1253	9.6	103521.5 -6821.0
984	9.3	94329.0 -6809.2	1074	9.8	101210.5 -6857.4	1164	8.4	102449.5 -6820.0	1254	9.4	103527.5 -6824.0
985	9.2	94407.5 -6835.5	1075	9.9	101215.0 -6811.0	1165	9.7	102459.5 -6849.4	1255	9.8	103534.0 -6808.0
986	9.1	94433.5 -6855.3	1076	9.8	101224.0 -6830.0	1166	9.8	102515.0 -6841.6	1256	9.4	103551.5 -6844.6
987	9.2	94504.0 -6859.6	1077	9.9	101231.5 -6808.8	1167	9.7	102518.5 -6838.0	1257	8.9	103622.5 -6809.3
988	8.6	94518.5 -6812.2	1078	9.4	101235.0 -6857.8	1168	9.4	102522.0 -6859.0	1258	9.4	103624.0 -6822.0
989	9.2	94549.7 -6800.8	1079	9.9	101241.5 -6844.4	1169	9.8	102524.5 -6820.8	1259	9.9	103631.5 -6835.0
990	9.6	94551.5 -6857.9	1080	9.8	101242.0 -6852.0	1170	9.8	102535.0 -6802.0	1260	9.8	103633.5 -6810.2
991	9.6	94603.0 -6846.4	1081	9.9	101243.5 -6815.6	1171	9.9	102537.5 -6854.3	1261	9.9	103639.0 -6820.0
992	9.6	94605.5 -6841.1	1082	9.2	101256.0 -6817.1	1172	9.7	102555.0 -6849.6	1262	9.8	103650.5 -6816.9
993	9.6	94611.0 -6835.4	1083	9.4	101258.0 -6816.3	1173	9.8	102555.0 -6846.2	1263	9.9	103707.0 -6853.4
994	9.4	94618.0 -6849.1	1084	9.4	101318.5 -6802.2	1174	9.2	102555.2 -6858.1	1264	9.7	103716.5 -6819.4
995	9.4	94621.5 -6803.2	1085	9.4	101325.5 -6821.3	1175	9.8	102610.5 -6840.3	1265	9.8	103747.0 -6820.8
996	9.6	94650.0 -6817.7	1086	9.7	101333.5 -6840.0	1176	9.7	102622.0 -6814.0	1266	9.7	103755.0 -6844.1
997	9.3	94738.0 -6850.8	1087	9.8	101337.0 -6832.0	1177	9.8	102636.0 -6815.2	1267	9.4	103800.0 -6853.8
998	9.3	94910.5 -6840.8	1088	9.6	101337.5 -6856.0	1178	9.7	102638.5 -6858.4	1268	9.8	103804.0 -6843.8
999	9.6	95011.0 -6838.6	1089	9.4	101352.5 -6841.0	1179	9.9	102639.0 -6845.1	1269	9.5	103812.5 -6812.3
1000	9.5	95126.5 -6831.0	1090	9.5	101353.0 -6844.7	1180	9.8	102639.0 -6846.5	1270	9.8	103818.0 -6813.7
1001	9.2	95146.5 -6825.6	1091	9.6	101421.0 -6829.1	1181	9.2	102653.0 -6821.6	1271	9.8	103819.0 -6847.9
1002	7.0	95229.0 -6835.8	1092	9.6	101428.0 -6839.0	1182	9.8	102658.5 -6819.6	1272	9.8	103832.5 -6843.9
1003	8.1	95233.0 -6813.2	1093	9.3	101437.0 -6807.8	1183	8.9	102701.5 -6820.1	1273	8.7	103838.5 -6827.0
1004	9.6	95244.5 -6854.4	1094	9.2	101439.5 -6815.7	1184	7.4	102728.0 -6815.3	1274	9.8	103904.5 -6846.0
1005	9.6	95245.0 -6871.0	1095	9.4	101441.0 -6846.0	1185	7.6	102736.0 -6819.6	1275	9.6	103907.5 -6852.3
1006	9.5	95318.5 -6816.4	1096	9.7	101444.5 -6810.0	1186	9.6	102738.0 -6823.9	1276	9.0	103929.5 -6824.3
1007	8.2	95321.0 -6814.1	1097	9.8	101450.0 -6810.6	1187	8.8	102746.0 -6831.2	1277	9.9	103939.0 -6813.7
1008	8.4	95339.0 -6805.6	1098	9.7	101502.5 -6850.0	1188	9.9	102758.0 -6832.0	1278	8.3	103945.0 -6847.6
1009	9.6	95343.5 -6808.0	1099	9.9	101514.5 -6825.4	1189	9.8	102758.5 -6812.2	1279	9.8	103945.0 -6827.1
1010	9.4	95404.5 -6809.4	1100	8.5	101517.5 -6848.1	1190	9.8	102807.0 -6829.4	1280	9.9	103948.0 -6856.1
1011	6.4	95418.0 -6830.4	1101	9.8	101520.5 -6804.1	1191	9.9	102810.5 -6808.0	1281	9.8	104005.0 -6803.6
1012	9.6	95432.0 -6859.0	1102	9.9	101528.5 -6826.9	1192	9.6	102811.0 -6834.5	1282	9.8	104009.5 -6838.9
1013	9.6	95629.5 -6839.6	1103	9.8	101531.0 -6848.0	1193	9.7	102813.0 -6824.4	1283	9.4	104009.5 -6827.0
1014	9.6	95731.0 -6832.1	1104	9.7	101537.5 -6841.3	1194	9.4	102816.5 -6825.0	1284	9.9	104010.0 -6805.6
1015	9.6	95801.5 -6829.2	1105	9.8	101605.0 -6816.8	1195	8.9	102829.0 -6851.4	1285	9.8	104018.0 -6838.9
1016	9.6	95819.5 -6826.0	1106	9.5	101609.0 -6839.0	1196	8.3	102832.5 -6808.9	1286	9.9	104018.5 -6821.9
1017	9.6	95821.5 -6840.9	1107	9.6	101623.5 -6803.1	1197	9.8	102842.0 -6820.0	1287	9.2	104035.5 -6823.6
1018	9.4	95916.5 -6804.8	1108	9.9	101637.5 -6801.1	1198	9.8	102855.5 -6851.0	1288	9.5	104050.5 -6820.7
1019	9.4	95919.0 -6807.7	1109	9.9	101640.5 -6844.0	1199	9.8	102904.0 -6823.6	1289	9.9	104124.5 -6811.1
1020	8.3	95938.5 -6843.3	1110	9.9	101648.5 -6820.2	1200	9.9	102917.5 -6834.8	1290	9.8	104126.5 -6800.7
1021	9.5	100029.0 -6837.2	1111	9.7	101651.0 -6847.2	1201	9.7	102919.5 -6808.2	1291	9.4	104131.5 -6823.1
1022	9.5	100109.0 -6800.9	1112	9.8	101658.5 -6804.2	1202	9.9	102924.5 -6859.8	1292	9.6	104138.5 -6816.6
1023	9.6	100128.5 -6851.4	1113	9.6	101700.5 -6844.1	1203	9.9	102924.5 -6829.9	1293	9.9	104142.5 -6815.8
1024	8.8	100141.0 -6845.0	1114	9.2	101705.0 -6853.9	1204	9.9	102928.0 -6859.9	1294	9.7	104207.5 -6804.5
1025	9.6	100156.0 -6854.4	1115	9.9	101720.0 -6853.7	1205	9.6	102930.5 -6802.3	1295	9.7	104209.5 -6806.2
1026	9.6	100248.0 -6843.3	1116	9.8	101738.5 -6804.2	1206	9.8	102941.0 -6819.0	1296	9.2	104218.5 -6812.1
1027	9.5	100332.5 -6840.2	1117	9.8	101742.0 -6834.9	1207	9.9	102950.0 -6825.5	1297	9.9	104227.5 -6858.0
1028	9.0	100344.0 -6827.1	1118	9.8	101750.5 -6832.1	1208	9.8	102954.0 -6810.3	1298	9.6	104239.5 -6806.6
1029	9.2	100409.0 -6805.9	1119	9.6	101812.0 -6840.6	1209	9.7	102954.5 -6819.9	1299	9.8	104240.0 -6805.0
1030	9.6	100412.5 -6857.0	1120	9.8	101812.5 -6836.1	1210	9.2	102954.5 -6832.2	1300	9.9	104241.0 -6814.1
1031	9.6	100439.5 -6838.0	1121	9.4	101812.5 -6844.9	1211	8.8	102958.5 -6824.4	1301	9.8	104242.5 -6859.0
1032	9.6	100509.0 -6807.0	1122	8.3	101813.0 -6841.3	1212	9.8	102959.5 -6817.4	1302	7.4	104244.0 -6833.0
1033	9.6	100608.5 -6858.6	1123	9.2	101820.0 -6818.9	1213	9.8	103044.5 -6846.0	1303	9.5	104248.0 -6802.9
1034	6.0	100623.7 -6804.4	1124	8.8	101820.5 -6842.0	1214	8.8	103047.0 -6832.8	1304	9.8	104254.5 -6800.1
1035	9.9	100642.0 -6810.1	1125	9.4	101824.5 -6844.0	1215	9.9	103049.0 -6806.0	1305	6.5	104326.5 -6846.7
1036	8.8	100644.0 -6811.7	1126	9.5	101825.5 -6840.0	1216	9.9	103058.5 -6857.1	1306	9.8	104330.5 -6830.0
1037	9.8	100713.5 -6847.3	1127	9.7	102010.0 -6806.9	1217	9.2	103104.5 -6856.4	1307	9.5	104342.0 -6855.2
1038	9.9	100714.0 -6813.1	1128	9.8	102028.0 -6806.2	1218	9.4	103105.0 -6845.0	1308	9.7	104358.5 -6831.3
1039	9.5	100715.5 -6845.8	1129	9.8	102058.0 -6839.7	1219	9.2	103122.0 -6858.2	1309	9.7	104400.5 -6803.4
1040	9.7	100718.0 -6821.5	1130	9.4	102059.5 -6800.9	1220	8.4	103123.0 -6842.1	1310	9.8	104408.0 -6843.3
1041	9.8	100722.5 -6844.1	1131	9.5	102100.0 -6806.5	1221	9.8	103124.5 -6806.2	1311	9.8	104409.0 -6844.6
1042	9.7	100732.0 -6806.8	1132	9.6	102103.5 -6842.9	1222	9.9	103131.5 -6807.6	1312	9.8	104411.5 -6837.0
1043	8.8	100750.0 -6847.6	1133	9.9	102106.5 -6807.0	1223	9.6	103139.0 -6839.3	1313	9.4	104411.5 -6805.7
1044	9.5	100752.3 -6848.9	1134	9.8	102118.5 -6850.3	1224	9.7	103141.0 -6801.1	1314	9.9	104413.0 -6834.4
1045	9.9	100759.5 -6851.1	1135	9.8	102121.5 -6820.0	1225	9.8	103142.5 -6848.3	1315	9.8	104423.0 -6801.2
1046	9.4	100804.5 -6809.2	1136	9.6	102122.0 -6853.7	1226	9.8	103148.5 -6818.2	1316	9.8	104428.5 -6832.1

-68 1317 10h44m

-68 1676 12h25m

1317	8.6	104437.5	-6857.2	1407	8.9	105804.5	-6841.9	1497	9.4	111957.0	-6800.1	1587	9.4	114910.0	-6843.9
1318	9.8	104438.0	-6810.6	1408	9.6	105814.5	-6809.9	1498	9.2	112018.5	-6809.5	1588	9.4	114947.0	-6814.2
1319	9.4	104444.5	-6838.8	1409	9.6	105823.0	-6838.7	1499	8.9	112025.5	-6843.9	1589	8.7	115002.5	-6807.0
1320	8.3	104445.5	-6806.4	1410	9.6	105841.0	-6806.9	1500	9.4	112035.5	-6840.2	1590	9.5	115040.0	-6837.9
1321	9.7	104454.5	-6836.7	1411	9.2	105841.5	-6834.2	1501	9.3	112041.0	-6829.0	1591	8.8	115118.5	-6846.9
1322	9.8	104505.0	-6809.0	1412	9.5	105850.5	-6846.1	1502	9.4	112105.5	-6815.9	1592	9.3	115137.0	-6803.6
1323	8.8	104508.5	-6805.1	1413	8.8	105851.0	-6805.5	1503	9.6	112111.5	-6825.2	1593	9.1	115147.0	-6811.2
1324	9.8	104513.5	-6835.0	1414	9.0	105911.5	-6808.1	1504	9.5	112113.0	-6857.8	1594	8.6	115207.5	-6851.3
1325	9.9	104518.5	-6842.9	1415	9.0	105912.0	-6845.7	1505	9.6	112122.5	-6816.7	1595	9.4	115337.5	-6836.3
1326	9.0	104519.0	-6839.3	1416	9.6	105931.5	-6814.8	1506	8.0	112142.5	-6821.5	1596	9.5	115441.5	-6848.7
1327	9.8	104532.5	-6846.2	1417	9.4	105934.5	-6837.4	1507	9.2	112145.5	-6852.2	1597	8.4	115442.5	-6829.5
1328	9.8	104532.5	-6813.6	1418	9.6	105953.5	-6831.1	1508	9.4	112149.5	-6801.9	1598	9.4	115451.0	-6818.9
1329	9.9	104534.5	-6823.1	1419	9.6	105955.0	-6803.1	1509	9.1	112157.5	-6845.5	1599	9.6	115513.0	-6804.8
1330	9.0	104538.5	-6824.9	1420	8.9	105959.3	-6802.1	1510	9.2	112213.5	-6825.5	1600	8.2	115522.5	-6830.0
1331	9.9	104549.0	-6803.9	1421	8.6	105959.5	-6835.4	1511	9.6	112249.5	-6827.6	1601	9.4	115557.5	-6842.3
1332	9.9	104554.5	-6818.9	1422	9.3	110001.0	-6834.3	1512	9.0	112306.0	-6858.1	1602	8.3	115557.5	-6807.1
1333	9.3	104603.5	-6843.0	1423	9.5	110025.5	-6848.4	1513	9.2	112333.0	-6855.9	1603	7.6	115607.5	-6841.9
1334	9.9	104621.0	-6813.5	1424	9.0	110040.5	-6815.8	1514	9.6	112337.5	-6803.0	1604	5.7	115613.5	-6829.8
1335	9.7	104624.5	-6811.0	1425	9.4	110050.0	-6802.0	1515	9.6	112359.5	-6843.1	1605	9.6	115614.5	-6816.9
1336	9.9	104627.0	-6816.0	1426	9.2	110054.0	-6834.4	1516	9.6	112504.0	-6832.9	1606	8.4	115633.0	-6857.3
1337	9.4	104631.0	-6817.1	1427	9.5	110104.5	-6801.3	1517	9.6	112556.5	-6812.5	1607	9.2	115650.0	-6824.6
1338	9.9	104640.0	-6809.6	1428	9.2	110105.0	-6850.3	1518	9.6	112605.0	-6824.0	1608	9.0	115652.5	-6817.8
1339	9.8	104644.5	-6801.9	1429	9.4	110125.5	-6809.0	1519	9.6	112622.5	-6852.5	1609	9.4	115742.5	-6811.8
1340	9.8	104730.5	-6841.1	1430	8.4	110131.0	-6806.5	1520	9.2	112631.5	-6827.1	1610	7.9	115743.0	-6849.5
1341	9.8	104731.5	-6805.9	1431	9.4	110134.0	-6838.8	1521	9.6	112703.0	-6848.1	1611	9.6	115827.5	-6828.0
1342	9.0	104752.5	-6816.5	1432	9.6	110134.5	-6838.2	1522	9.0	112733.5	-6834.9	1612	7.1	115921.0	-6852.7
1343	9.9	104822.0	-6853.9	1433	9.5	110310.5	-6841.9	1523	9.1	112743.5	-6848.3	1613	9.6	115930.0	-6854.9
1344	8.8	104822.5	-6823.0	1434	9.1	110321.0	-6850.8	1524	8.4	112748.5	-6809.0	1614	7.9	115939.5	-6825.8
1345	9.9	104837.0	-6818.3	1435	9.4	110322.0	-6821.5	1525	9.2	112830.0	-6823.1	1615	9.2	115940.0	-6857.6
1346	8.4	104839.5	-6827.3	1436	9.6	110417.0	-6858.7	1526	9.6	112934.0	-6858.7	1616	8.4	115941.0	-6845.2
1347	9.6	104901.5	-6842.0	1437	9.6	110429.5	-6816.0	1527	9.0	113021.5	-6842.0	1617	8.8	115954.5	-6843.9
1348	9.7	104907.0	-6836.1	1438	9.3	110442.5	-6844.9	1528	9.4	113055.5	-6807.0	1618	9.6	115958.5	-6817.8
1349	9.9	104928.0	-6851.5	1439	9.2	110521.5	-6842.3	1529	9.6	113059.0	-6837.3	1619	9.4	120107.5	-6823.2
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1351	9.7	104943.0	-6810.4	1441	9.6	110613.5	-6855.9	1531	8.7	113106.5	-6833.5	1621	9.2	120331.0	-6800.8
1352	9.9	105015.0	-6846.6	1442	9.4	110622.0	-6855.0	1532	9.3	113115.5	-6815.4	1622	8.8	120332.0	-6856.0
1353	9.8	105024.0	-6815.8	1443	9.4	110632.0	-6829.0	1533	9.2	113121.5	-6820.7	1623	9.3	120409.0	-6818.9
1354	9.8	105034.5	-6835.9	1444	9.2	110635.5	-6852.9	1534	9.3	113125.5	-6810.0	1624	9.0	120441.0	-6825.1
1355	9.0	105039.8	-6836.9	1445	9.4	110725.5	-6809.7	1535	9.4	113133.5	-6855.3	1625	9.2	120449.0	-6827.5
1356	9.3	105041.5	-6810.4	1446	9.6	110732.5	-6806.4	1536	7.3	113140.5	-6859.0	1626	9.3	120542.5	-6851.9
1357	9.4	105058.7	-6833.2	1447	9.4	110740.5	-6852.0	1537	9.2	113144.0	-6835.0	1627	9.4	120629.0	-6848.2
1358	9.8	105059.5	-6835.0	1448	9.2	110843.5	-6813.7	1538	9.4	113202.0	-6838.5	1628	9.5	120637.0	-6803.2
1359	9.7	105101.5	-6822.5	1449	9.6	110927.5	-6851.4	1539	8.9	113228.7	-6859.8	1629	9.2	120641.0	-6806.9
1360	9.2	105114.3	-6814.5	1450	9.4	110928.0	-6818.1	1540	9.6	113232.0	-6853.0	1630	9.1	120646.5	-6820.6
1361	9.8	105114.5	-6830.7	1451	9.6	110932.0	-6822.0	1541	9.2	113243.5	-6842.6	1631	8.7	120712.5	-6821.9
1362	9.7	105118.0	-6832.0	1452	8.9	110932.5	-6851.0	1542	9.5	113258.5	-6836.9	1632	9.0	120754.5	-6835.3
1363	7.8	105121.0	-6807.5	1453	9.6	110945.0	-6808.0	1543	9.3	113300.0	-6852.7	1633	9.2	120757.5	-6825.0
1364	9.4	105126.5	-6834.3	1454	9.0	110950.5	-6858.4	1544	8.6	113324.5	-6813.5	1634	8.8	120853.5	-6824.5
1365	9.7	105136.0	-6831.7	1455	9.6	111000.5	-6837.8	1545	8.4	113440.5	-6858.8	1635	9.6	120920.0	-6826.8
1366	9.2	105144.0	-6853.8	1456	9.4	111026.5	-6837.0	1546	9.5	113449.5	-6829.8	1636	8.6	120931.0	-6836.7
1367	9.9	105144.5	-6801.4	1457	8.7	111036.5	-6806.8	1547	8.5	113450.5	-6831.1	1637	8.6	120931.0	-6828.8
1368	9.6	105144.5	-6831.9	1458	8.7	111105.0	-6839.9	1548	9.6	113522.5	-6817.0	1638	8.2	121032.0	-6824.2
1369	9.8	105205.5	-6802.5	1459	9.4	111105.5	-6849.8	1549	9.6	113530.5	-6856.6	1639	8.1	121101.0	-6831.5
1370	9.8	105218.5	-6841.0	1460	9.2	111130.0	-6816.1	1550	9.5	113544.5	-6829.8	1640	9.0	121251.5	-6844.8
1371	9.8	105224.5	-6808.1	1461	8.6	111131.0	-6810.5	1551	8.9	113554.0	-6824.9	1641	9.1	121420.0	-6819.0
1372	9.4	105227.0	-6806.1	1462	9.6	111140.5	-6820.0	1552	8.8	113606.7	-6832.7	1642	8.0	121437.0	-6824.9
1373	7.6	105237.4	-6800.1	1463	7.8	111155.5	-6849.4	1553	9.0	113618.3	-6835.7	1643	9.4	121459.5	-6828.7
1374	9.4	105238.3	-6853.0	1464	9.2	111203.5	-6817.9	1554	9.6	113702.3	-6819.2	1644	9.3	121507.0	-6819.5
1375	9.6	105242.5	-6828.6	1465	9.5	111214.0	-6853.0	1555	9.2	113713.8	-6816.3	1645	9.2	121515.0	-6832.6
1376	9.4	105248.3	-6849.1	1466	9.5	111223.5	-6812.0	1556	9.5	113729.8	-6859.0	1646	9.3	121537.5	-6812.2
1377	6.7	105256.5	-6822.1	1467	8.0	111225.0	-6849.2	1557	9.2	113803.0	-6836.1	1647	9.0	121537.5	-6824.9
1378	8.8	105300.0	-6838.8	1468	8.8	111232.5	-6815.1	1558	8.8	113804.3	-6816.4	1648	9.2	121652.5	-6858.8
1379	9.2	105307.0	-6833.6	1469	9.2	111250.0	-6839.8	1559	9.3	113821.0	-6825.7	1649	9.6	121802.0	-6831.3
1380	9.8	105307.5	-6811.0	1470	9.6	111254.0	-6811.6	1560	9.6	113854.8	-6823.0	1650	7.4	121824.0	-6847.0
1381	9.9	105308.5	-6833.7	1471	9.6	111309.5	-6809.5	1561	8.9	113912.0	-6840.3	1651	9.6	121837.0	-6853.4
1382	9.8	105318.0	-6802.4	1472	9.2	111310.5	-6811.9	1562	9.2	113926.3	-6856.8	1652	9.4	121900.0	-6810.8
1383	9.8	105318.0	-6820.3	1473	8.9	111320.0	-6832.9	1563	9.6	113945.0	-6810.7	1653	9.5	121909.5	-6854.9
1384	9.9	105318.0	-6838.0	1474	9.4	111359.0	-6853.4	1564	8.7	114014.0	-6806.2	1654	9.1	121928.0	-6824.5
1385	9.7	105319.5	-6851.2	1475	9.6	111423.0	-6826.1	1565	9.5	114036.5	-6838.8	1655	7.6	122053.0	-6802.2
1386	8.7	105321.8	-6805.3	1476	9.6	111531.0	-6854.0	1566	9.1	114103.5	-6836.8	1656	8.8	122128.0	-6831.0
1387	9.7	105324.5	-6812.2	1477	9.2	111533.5	-6825.5	1567	8.7	114147.0	-6817.4	1657	9.2	122150.5	-6850.5
1388	9.6	105325.3	-6833.8	1478	9.6	111534.5	-6853.5	1568	9.2	114207.5	-6859.8	1658	9.1	122209.0	-6832.6
1389	9.8	105328.5	-6815.0	1479	9.5	111545.0	-6807.0	1569	9.4	114252.0	-6811.0	1659	9.2	122216.8	-6823.0
1390	9.8	105331.5	-6834.8	1480	9.5	111546.0	-6851.1	1570	8.3	114309.0	-6853.3	1660	9.6	122221.0	-6823.1
1391	9.9	105332.0	-6847.7	1481	9.5	111555.5	-6804.0	1571	8.2	114317.0	-6800.3	1661	9.5	122238.5	-6809.4
1392	9.9	105333.5	-6848.0	1482	9.6	111612.0	-6809.7	1572	9.0	114343.5	-6837.9	1662	9.6	122242.0	-6849.7
1393	9.7	105337.0	-6816.4	1483	9.5	111621.0	-6828.2	1573	9.1	114358.0	-6832.9	1663	9.4	122251.0	-6816.8
1394	9.9	105409.0	-6810.6	1484	9.6	111621.5	-6816.0	1574	8.4	114442.0	-6829.3	1664	8.8	122300.0	-6805.5
1395	9.2	105410.5	-6851.9	1485	9.6	111701.0	-6813.5	1575	9.2	114511.0	-6852.8	1665	9.7	122304.0	-6822.3
1396	9.6	105410.5	-6847.9	1486	9.6	111705.0	-6841.2	1576	7.8	114519.0	-6810.0	1666	9.1	122328.7	-6831.3
1397	9.4	105438.5	-6822.0	1487	9.5	111749.5	-6841.3	1577	9.0	114540.0	-6846.9	1667	9.2	122339.0	-6806.1
1398	9.8	105443.0	-6844.6	1488	8.8	111806.0	-6831.7	1578	9.0	114602.5	-6803.7	1668	9.4	122343.5	-6845.1
1399	9.8	105449.0	-6852.6	1489	9.4	111848.5	-6846.8	1579	9.2	114612.5	-6813.2	1669	9.4	122407.0	-6851.3
1400	9.8	105507.5	-6803.8	1490	9.2	111849.0	-6847.0	1580	9.0	114708.0	-6858.1	1670	9.5	122409.5	-6806.9
1401	9.2	105514.7	-6836.9	1491	9.2	111900.5	-6809.0	1581	9.6	114727.0	-6807.5	1671	9.3	122439.5	-6804.7
1402	8.0	105538.0	-6810.1	1492	9.6	111913.0	-6853.8	1582	9.1	114745.5	-6806.3	1672	9.7	122448.0	-6820.5
1403	8.9	105615.0	-6830.9	1493	8.9	111925.5	-6838.2	1583	8.8	114804.0	-6834.3	1673	9.8	122450.0	-6850.1
1404	9.6	105637.5	-6846.9	1494	9.6	111936.0	-6808.6	1584	9.5	114807.5	-6835.8	1674	9.4	122458.0	-6829.6
1405	9.4	105650.0	-6848.4	1495	9.1	111937.0	-6845.9	1585	9.0	114812.0	-6813.7	1675	9.5	122458.0	-6806.6
1406	8.9	105804.0	-6852.5	1496	9.4	111944.0	-6810.4	1586	9.4	114812.5	-6813.3	1676	8.4	122508.3	-6803.6

1677	9.2	122511.5	-6833.4	1767	9.2	124207.5	-6847.7	1857	9.6	130713.0	-6852.6
1678	9.6	122531.5	-6800.1	1768	8.4	124235.5	-6851.3	1858	8.7	130723.2	-6853.3
1679	9.2	122533.7	-6832.8	1769	9.2	124242.0	-6822.0	1859	9.9	130739.5	-6846.4
1680	9.2	122534.3	-6827.8	1770	9.5	124242.0	-6811.9	1860	9.8	130743.5	-6849.8
1681	9.6	122534.5	-6819.6	1771	8.4	124247.5	-6835.5	1861	9.9	130745.0	-6850.0
1682	8.9	122603.0	-6808.6	1772	9.4	124250.0	-6811.0	1862	9.9	130809.2	-6818.6
1683	8.8	122608.5	-6808.9	1773	8.8	124302.5	-6856.1	1863	9.6	130817.0	-6823.1
1684	8.0	122623.5	-6803.4	1774	9.0	124303.5	-6808.1	1864	9.7	130830.0	-6859.1
1685	9.2	122632.5	-6815.5	1775	9.4	124307.0	-6856.0	1865	9.5	130842.0	-6828.8
1686	9.6	122641.0	-6818.3	1776	9.1	124313.0	-6810.3	1866	9.2	130846.0	-6849.8
1687	9.4	122655.0	-6847.9	1777	7.2	124318.5	-6857.9	1867	9.9	130848.5	-6814.0
1688	9.2	122658.0	-6805.0	1778	8.9	124326.0	-6804.4	1868	9.9	130853.0	-6857.5
1689	9.6	122701.5	-6844.8	1779	9.4	124328.5	-6851.1	1869	9.9	130907.5	-6810.2
1690	9.7	122738.0	-6818.8	1780	8.9	124350.0	-6821.1	1870	9.9	130924.0	-6814.1
1691	9.6	122740.0	-6846.1	1781	9.4	124402.5	-6842.1	1871	9.5	130930.0	-6822.0
1692	8.8	122749.5	-6826.1	1782	9.5	124411.0	-6813.5	1872	9.9	130942.0	-6844.1
1693	9.5	122804.5	-6810.2	1783	8.6	124415.0	-6813.1	1873	9.0	131000.0	-6802.1
1694	9.3	122804.5	-6832.7	1784	9.4	124422.5	-6812.7	1874	9.7	131001.7	-6830.4
1695	9.6	122809.0	-6819.0	1785	9.5	124435.5	-6857.7	1875	9.8	131002.5	-6806.9
1696	8.5	122809.5	-6808.5	1786	9.2	124447.5	-6804.1	1876	9.1	131009.5	-6824.9
1697	9.7	122832.5	-6822.2	1787	9.4	124547.5	-6850.0	1877	9.9	131022.5	-6842.0
1698	9.2	122838.5	-6822.1	1788	9.4	124552.0	-6839.1	1878	9.5	131028.0	-6843.4
1699	9.6	122904.5	-6822.6	1789	9.6	124602.0	-6817.5	1879	9.7	131030.0	-6814.2
1700	9.5	122916.0	-6804.1	1790	7.9	124627.0	-6805.7	1880	9.8	131036.0	-6819.3
1701	9.4	122922.0	-6809.3	1791	9.4	124654.5	-6820.5	1881	9.2	131050.5	-6808.1
1702	3.7	122944.5	-6826.7	1792	9.6	124704.0	-6845.3	1882	9.5	131050.7	-6800.7
1703	9.4	123015.5	-6849.5	1793	8.6	124712.0	-6813.6	1883	9.9	131100.0	-6845.8
1704	9.6	123025.0	-6847.1	1794	9.2	124723.0	-6823.2	1884	8.7	131111.5	-6839.3
1705	8.9	123026.5	-6808.2	1795	7.6	124734.0	-6819.1	1885	9.9	131154.0	-6817.0
1706	8.0	123032.0	-6854.9	1796	9.5	124740.5	-6833.5	1886	9.3	131156.0	-6830.0
1707	8.3	123040.5	-6802.9	1797	9.4	124749.5	-6801.8	1887	9.5	131222.5	-6844.5
1708	9.5	123103.5	-6817.2	1798	9.3	124819.0	-6813.5	1888	9.9	131241.5	-6809.2
1709	8.3	123114.5	-6804.6	1799	9.2	124839.0	-6844.1	1889	9.7	131246.0	-6801.1
1710	9.2	123115.0	-6847.2	1800	9.5	124849.5	-6808.2	1890	8.2	131252.5	-6832.1
1711	9.3	123115.5	-6807.3	1801	8.8	124923.0	-6829.9	1891	9.9	131304.5	-6842.1
1712	9.5	123123.5	-6821.9	1802	8.0	124924.0	-6840.0	1892	9.7	131304.5	-6843.9
1713	7.9	123142.5	-6851.3	1803	9.2	124950.0	-6834.1	1893	9.4	131311.0	-6845.2
1714	9.4	123143.5	-6838.5	1804	9.4	125008.0	-6837.9	1894	9.6	131317.5	-6858.9
1715	9.4	123148.5	-6836.9	1805	9.2	125042.5	-6802.3	1895	9.3	131326.2	-6859.1
1716	9.6	123203.0	-6824.7	1806	9.1	125044.0	-6810.1	1896	9.8	131330.0	-6814.0
1717	9.5	123204.5	-6836.3	1807	9.2	125047.5	-6824.2	1897	8.6	131330.5	-6849.9
1718	9.6	123210.5	-6822.1	1808	9.4	125053.5	-6804.1	1898	8.8	131339.0	-6842.1
1719	9.1	123217.5	-6851.1	1809	9.3	125101.0	-6810.6	1899	9.9	131344.5	-6811.6
1720	9.6	123244.5	-6811.7	1810	9.4	125154.0	-6828.9	1900	9.9	131345.0	-6825.8
1721	9.4	123246.0	-6849.1	1811	9.0	125158.5	-6806.3	1901	9.9	131346.5	-6826.1
1722	9.4	123252.5	-6841.1	1812	9.4	125206.5	-6819.1	1902	9.1	131352.5	-6816.2
1723	9.5	123302.5	-6836.0	1813	9.6	125220.0	-6805.7	1903	9.0	131359.0	-6822.8
1724	9.5	123304.5	-6835.3	1814	8.6	125223.5	-6813.5	1904	9.9	131409.0	-6805.2
1725	8.8	123304.5	-6828.1	1815	9.4	125253.0	-6800.8	1905	8.6	131439.0	-6808.2
1726	9.3	123350.5	-6817.5	1816	9.4	125314.0	-6819.1	1906	8.6	131443.5	-6831.3
1727	9.4	123353.0	-6851.3	1817	9.4	125344.5	-6800.5	1907	9.9	131503.0	-6850.6
1728	9.6	123409.0	-6857.1	1818	7.7	125348.0	-6833.3	1908	9.9	131510.0	-6802.5
1729	9.3	123415.0	-6821.9	1819	9.4	125351.5	-6851.2	1909	9.9	131511.0	-6850.8
1730	9.1	123422.0	-6827.1	1820	9.6	125408.0	-6829.1	1910	9.3	131529.5	-6837.4
1731	7.8	123428.5	-6843.3	1821	9.3	125415.0	-6835.3	1911	9.5	131539.5	-6852.7
1732	8.7	123430.5	-6846.1	1822	9.5	125419.0	-6855.4	1912	9.3	131542.0	-6833.0
1733	9.6	123442.0	-6821.9	1823	9.1	125432.5	-6804.1	1913	8.6	131553.5	-6804.0
1734	8.8	123458.0	-6818.7	1824	8.2	125454.0	-6807.3	1914	9.1	131621.0	-6816.2
1735	9.6	123512.0	-6811.5	1825	9.2	125502.5	-6825.1	1915	9.7	131623.0	-6840.5
1736	8.4	123528.5	-6851.5	1826	9.4	125604.0	-6839.2	1916	9.6	131633.0	-6825.2
1737	9.6	123535.5	-6813.3	1827	8.8	125607.5	-6815.9	1917	9.7	131637.5	-6833.8
1738	9.6	123539.0	-6814.1	1828	8.6	125654.0	-6855.5	1918	9.3	131639.5	-6847.1
1739	8.2	123559.0	-6823.2	1829	9.0	125659.0	-6814.5	1919	8.9	131649.0	-6818.0
1740	8.8	123621.5	-6845.1	1830	9.5	125712.5	-6814.3	1920	9.8	131652.0	-6856.0
1741	9.2	123643.0	-6825.3	1831	9.5	125732.0	-6817.4	1921	9.9	131652.5	-6857.3
1742	9.4	123704.0	-6847.9	1832	8.6	125732.5	-6809.3	1922	9.6	131723.0	-6817.6
1743	9.4	123709.0	-6813.7	1833	9.6	125747.5	-6825.5	1923	9.9	131741.0	-6842.5
1744	7.4	123721.5	-6820.6	1834	8.8	125752.5	-6837.1	1924	9.6	131754.0	-6827.6
1745	7.3	123722.5	-6808.7	1835	9.2	125943.5	-6842.0	1925	9.9	131818.0	-6842.6
1746	9.5	123728.5	-6814.0	1836	8.7	130031.5	-6844.3	1926	9.9	131844.5	-6808.3
1747	9.5	123742.5	-6820.5	1837	9.3	130052.0	-6807.3	1927	9.6	131912.0	-6847.1
1748	9.6	123805.0	-6836.0	1838	9.2	130134.5	-6854.1	1928	9.6	131925.5	-6837.6
1749	9.1	123826.5	-6838.3	1839	8.8	130148.5	-6806.9	1929	6.4	131943.5	-6858.7
1750	9.4	123848.5	-6816.1	1840	9.6	130251.5	-6815.7	1930	9.	131950.0	-6855.0
1751	9.4	123851.5	-6816.5	1841	9.0	130257.5	-6817.1	1931	9.2	131953.0	-6814.8
1752	9.5	123858.5	-6800.7	1842	9.6	130311.0	-6842.1	1932	9.4	132009.0	-6808.8
1753	9.3	123914.0	-6802.1	1843	8.0	130317.5	-6815.1	1933	9.0	132103.5	-6847.0
1754	9.4	123924.5	-6847.7	1844	9.0	130321.5	-6852.1	1934	9.7	132111.0	-6857.4
1755	9.3	123928.5	-6843.7	1845	9.4	130321.5	-6822.9	1935	9.6	132121.0	-6814.1
1756	9.6	123939.5	-6812.4	1846	9.0	130331.5	-6858.8	1936	9.9	132124.5	-6815.3
1757	9.5	124010.0	-6847.2	1847	8.7	130402.0	-6813.3	1937	8.4	132135.5	-6858.0
1758	8.8	124018.0	-6802.2	1848	9.5	130407.5	-6815.9	1938	8.1	132222.5	-6828.6
1759	8.9	124022.7	-6859.0	1849	9.6	130423.0	-6824.1	1939	9.0	132233.5	-6810.8
1760	9.6	124046.0	-6845.2	1850	9.2	130423.5	-6854.3	1940	9.0	132244.0	-6831.6
1761	9.4	124053.5	-6824.1	1851	9.0	130501.0	-6810.1	1941	9.1	132244.0	-6839.2
1762	9.6	124057.5	-6800.9	1852	9.4	130538.5	-6819.8	1942	9.9	132254.0	-6841.6
1763	9.2	124100.5	-6850.3	1853	9.7	130543.0	-6822.3	1943	7.8	132325.0	-6831.0
1764	7.9	124116.0	-6842.6	1854	9.2	130617.0	-6800.1	1944	7.5	132326.0	-6835.0
1765	9.1	124122.5	-6831.1	1855	9.7	130627.3	-6818.8	1945	9.9	132351.5	-6818.3
1766	9.6	124132.5	-6811.1	1856	9.6	130653.8	-6841.1	1946	9.9	132416.0	-6818.7
1947	9.9	132453.0	-6836.6								
1948	9.9	132519.0	-6824.8								
1949	8.9	132556.5	-6820.2								
1950	8.6	132615.0	-6822.3								
1951	9.4	132630.0	-6858.1								
1952	8.0	132649.5	-6855.3								
1953	8.8	132653.5	-6856.0								
1954	8.6	132706.0	-6829.1								
1955	9.6	132725.0	-6845.0								
1956	9.9	132728.5	-6857.1								
1957	9.5	132816.0	-6816.8								
1958	8.2	132829.0	-6820.0								
1959	9.1	132836.0	-6820.0								
1960	9.3	132837.0	-6818.0								
1961	9.5	132842.0	-6846.8								
1962	8.1	132918.0	-6839.2								
1963	9.8	132936.5	-6817.4								
1964	9.9	132937.5	-6804.1								
1965	9.9	132940.0	-6855.6								
1966	9.4	132955.0	-6800.4								
1967	9.1	133013.5	-6828.6								
1968	9.9	133020.5	-6841.9								
1969	9.6	133026.0	-6804.9								
1970	9.5	133038.5	-6801.4								
1971	9.5	133055.0	-6817.1								
1972	8.5	133107.5	-6808.2								
1973	9.7	133117.0	-6801.1								
1974	9.3	133119.0	-6850.0								
1975	9.5	133141.0	-6855.1								
1976	9.9	133146.5	-6800.1								
1977	9.7	133202.5	-6822.0								
1978	9.4	133203.0	-6835.6								
1979	9.4	133225.5	-6832.0								
1980	9.4	133234.5	-6857.8								
1981	7.6	133303.0	-6836.7								
1982	9.9	133313.0	-6854.1								
1983	9.8	133339.5	-6821.1								
1984	8.0	133345.0	-6829.6								
1985	9.3	133359.5	-6802.7								
1986	9.2	133401.0	-6858.0								
1987	9.4	133402.5	-6842.2								
1988	9.7	133406.5	-6813.6								
1989	9.5	133430.5	-6819.0								
1990	9.8	133453.5	-6802.0								
1991	9.8	133459.5	-6811.2								
1992	9.3	133603.0	-6859.9								
1993	9.9	133619.5	-6815.6								
1994	9.4	133649.5	-6836.0								
1995	9.9	133652.5	-6813.6								
1996	9.8	133704.5	-6826.5								
1997	9.3	133728.0	-6836.0								
1998	8.6	133732.5	-6803.0								
1999	8.5	133733.0	-6846.3								
2000	9.4	133805.5	-6830.8								
2001	9.8	133813.0	-6821.1								
2002	9.9	133911.0	-6851.8								
2003	9.9	133911.5	-6848.2								
2004	9.0	133914.0	-6849.9								
2005	9.4	133935.0	-6810.0								
2006	9.8	133935.0	-6823.0								
2007	9.9	133943.0	-6832.6								
2008	9.5	133952.0	-6843.3								
2009	9.5	133953.5	-6838.4								
2010	9.7	134052.5	-6836.1								
2011	9.4	134130.0	-6818.2								
2012	9.3	134143.5	-6850.8								
2013	9.5	134153.5	-6820.2								
2014	8.0	134205.0	-6846.7								
2015	8.7	134241.0	-6827.6								
2016	8.9	134256.0	-6850.3								
2017	9.4	134259.0	-6831.0								
2018	9.2	134300.5	-6821.0								
2019	9.7	134327.5	-6829.0								
2020	9.5	134332.0	-6839.0								
2021	8.6	134339.0	-6808.8								
2022	9.3	134352.0	-6849.5								
2023	9.3	134356.5	-6808.6								
2024	9.6	134404.0	-6819.7								
2025	9.2	134408.0	-6849.4								
2026	8.7	134411.5	-6820.2								
2027	7.9	134529.5	-6815.9								
2028	9.3	134545.5	-6854.4								
2029	9.8	134547.5	-6801.4								
2030	9.9	134549.5	-6823.6								
2031	9.6	134603.5	-6831.2								
2032	9.0	134623.0	-6823.2								
2033	9.1	134628.0	-6819.7								
2034	9.9	134642.5	-6845.1								
2035	8.2	134704.0	-6835.6								
2036	8.6	134739.5	-6819.0								

2037	9.9	134759.0	-6843.0	2127	9.5	142142.5	-6822.2	2217	9.3	144404.3	-6830.2
2038	9.5	134803.5	-6840.8	2128	8.5	142248.0	-6835.6	2218	9.3	144430.3	-6817.7
2039	9.9	134807.0	-6806.4	2129	9.4	142248.0	-6814.5	2219	9.0	144431.3	-6839.7
2040	9.5	134814.0	-6828.0	2130	8.8	142336.0	-6841.1	2220	9.6	144455.8	-6805.8
2041	9.9	134817.5	-6826.6	2131	9.2	142352.0	-6811.1	2221	9.2	144458.8	-6822.0
2042	8.9	134818.0	-6810.6	2132	7.4	142410.0	-6854.1	2222	9.6	144503.8	-6840.8
2043	9.2	134819.0	-6809.7	2133	8.5	142441.0	-6807.9	2223	9.6	144524.8	-6844.5
2044	9.6	134820.0	-6811.1	2134	9.2	142447.0	-6823.8	2224	9.4	144525.8	-6800.7
2045	9.9	134833.0	-6828.0	2135	7.9	142452.5	-6811.2	2225	9.6	144533.8	-6804.2
2046	9.9	134842.0	-6806.6	2136	7.9	142507.5	-6828.1	2226	8.8	144547.8	-6819.6
2047	9.0	134845.0	-6837.0	2137	9.3	142512.5	-6836.9	2227	9.2	144552.3	-6838.5
2048	9.0	134910.0	-6848.3	2138	9.5	142550.5	-6805.2	2228	9.2	144600.8	-6853.0
2049	9.0	134914.2	-6858.0	2139	9.5	142628.0	-6809.5	2229	9.6	144628.3	-6803.6
2050	9.5	135014.8	-6813.8	2140	9.6	142639.0	-6827.2	2230	9.7	144633.0	-6801.5
2051	9.6	135020.5	-6806.9	2141	9.2	142641.0	-6818.6	2231	9.0	144643.3	-6828.5
2052	9.7	135027.5	-6837.0	2142	9.4	142707.0	-6855.1	2232	8.6	144701.3	-6804.9
2053	9.7	135028.5	-6855.5	2143	7.8	142717.5	-6824.2	2233	9.6	144713.8	-6806.8
2054	9.5	135037.7	-6812.4	2144	9.2	142754.5	-6837.4	2234	9.5	144729.8	-6859.5
2055	9.9	135040.5	-6815.6	2145	9.3	142810.8	-6859.2	2235	9.6	144743.2	-6826.5
2056	9.3	135042.8	-6817.4	2146	8.8	142826.5	-6852.2	2236	9.6	144743.2	-6819.4
2057	9.4	135106.8	-6815.4	2147	9.5	142851.5	-6811.9	2237	9.6	144746.5	-6858.0
2058	9.9	135107.5	-6824.8	2148	9.5	142915.5	-6843.3	2238	9.8	144757.7	-6806.4
2059	9.9	135134.0	-6818.2	2149	8.8	142949.0	-6814.3	2239	9.4	144800.2	-6806.3
2060	9.9	135137.0	-6802.1	2150	9.0	142949.0	-6825.2	2240	9.6	144804.2	-6854.7
2061	9.9	135150.7	-6858.0	2151	9.4	143026.0	-6850.2	2241	9.7	144808.5	-6810.9
2062	8.4	135210.0	-6826.0	2152	8.4	143059.0	-6832.8	2242	9.1	144818.2	-6833.6
2063	9.3	135227.2	-6859.9	2153	8.8	143153.5	-6823.4	2243	8.1	144820.2	-6826.7
2064	8.6	135230.0	-6859.0	2154	9.5	143154.0	-6824.8	2244	9.7	144820.2	-6811.7
2065	9.9	135243.0	-6835.8	2155	9.5	143201.5	-6846.8	2245	9.6	144825.2	-6832.5
2066	7.8	135306.0	-6836.6	2156	9.0	143227.5	-6805.1	2246	9.8	144827.7	-6833.4
2067	9.7	135308.5	-6841.3	2157	8.2	143234.0	-6824.4	2247	8.6	144830.2	-6842.1
2068	9.6	135353.7	-6811.1	2158	9.5	143239.0	-6822.3	2248	9.2	144831.7	-6809.1
2069	8.7	135413.0	-6806.1	2159	9.1	143324.5	-6855.2	2249	9.7	144851.2	-6859.0
2070	8.8	135418.0	-6800.9	2160	9.0	143509.7	-6813.6	2250	9.4	144853.7	-6850.4
2071	9.5	135418.0	-6844.1	2161	9.6	143511.3	-6803.9	2251	9.2	144859.2	-6837.5
2072	9.1	135430.0	-6821.7	2162	9.6	143527.3	-6842.2	2252	9.6	144902.7	-6837.7
2073	9.3	135430.5	-6820.3	2163	9.1	143534.3	-6837.8	2253	9.6	144914.7	-6807.6
2074	9.4	135450.4	-6800.1	2164	9.5	143541.8	-6803.8	2254	9.8	144920.2	-6836.6
2075	9.4	135451.5	-6848.1	2165	9.5	143548.8	-6845.9	2255	9.4	144927.7	-6804.9
2076	9.5	135523.0	-6823.7	2166	9.7	143557.8	-6857.8	2256	9.0	144948.0	-6857.1
2077	9.5	135524.0	-6801.0	2167	8.4	143604.8	-6858.7	2257	8.8	144948.7	-6842.9
2078	9.1	135541.5	-6809.7	2168	9.6	143621.3	-6817.2	2258	8.8	145016.2	-6853.6
2079	9.3	135552.5	-6803.7	2169	9.8	143626.8	-6816.9	2259	9.2	145024.7	-6834.1
2080	9.4	135553.5	-6859.5	2170	9.5	143626.8	-6842.6	2260	9.6	145029.2	-6808.3
2081	9.4	135607.0	-6849.7	2171	9.6	143640.3	-6857.7	2261	9.8	145031.7	-6817.5
2082	9.3	135716.0	-6817.5	2172	9.7	143643.8	-6822.0	2262	9.4	145033.2	-6858.7
2083	9.4	135730.5	-6802.1	2173	9.4	143653.3	-6823.3	2263	9.6	145034.7	-6805.5
2084	9.4	135744.5	-6815.5	2174	9.2	143655.0	-6857.1	2264	9.3	145040.2	-6805.4
2085	9.5	135758.5	-6835.0	2175	9.1	143658.6	-6833.1	2265	9.8	145042.2	-6854.1
2086	9.3	135916.0	-6806.1	2176	8.7	143700.3	-6810.5	2266	9.6	145042.7	-6826.5
2087	9.2	140045.5	-6819.3	2177	9.5	143706.3	-6815.2	2267	9.7	145054.2	-6807.9
2088	9.2	140054.5	-6848.7	2178	8.4	143709.4	-6800.2	2268	9.4	145114.7	-6844.6
2089	9.4	140149.5	-6819.5	2179	9.6	143730.3	-6819.0	2269	9.6	145129.2	-6831.3
2090	9.1	140207.0	-6812.1	2180	9.0	143731.1	-6827.0	2270	9.3	145132.7	-6856.2
2091	8.4	140227.0	-6805.8	2181	9.8	143749.8	-6807.2	2271	9.4	145145.1	-6813.8
2092	8.8	140247.2	-6801.1	2182	9.6	143805.8	-6835.4	2272	9.8	145156.1	-6829.1
2093	9.5	140300.0	-6807.1	2183	9.2	143810.3	-6819.4	2273	9.6	145159.1	-6818.8
2094	9.6	140312.0	-6847.3	2184	9.3	143810.9	-6823.8	2274	9.2	145223.1	-6815.2
2095	9.5	140327.5	-6852.1	2185	6.7	143832.2	-6824.6	2275	9.2	145230.6	-6814.3
2096	9.2	140356.0	-6825.1	2186	9.5	143834.8	-6834.8	2276	9.6	145256.6	-6816.3
2097	9.6	140411.5	-6859.0	2187	9.5	143849.8	-6828.4	2277	9.5	145300.1	-6850.7
2098	9.0	140432.0	-6848.7	2188	9.8	143910.5	-6812.3	2278	9.4	145307.1	-6847.8
2099	8.0	140436.0	-6808.5	2189	9.6	143957.0	-6844.9	2279	9.5	145312.6	-6827.9
2100	9.6	140508.5	-6856.9	2190	9.5	143958.5	-6840.3	2280	9.8	145313.6	-6834.7
2101	9.6	140544.5	-6827.1	2191	9.0	143959.5	-6847.9	2281	9.8	145314.7	-6858.4
2102	9.3	140548.0	-6842.1	2192	9.1	144013.5	-6825.5	2282	9.3	145325.6	-6809.1
2103	9.6	140727.0	-6856.8	2193	9.4	144016.0	-6859.1	2283	9.4	145342.1	-6818.3
2104	9.3	140810.0	-6832.4	2194	9.5	144028.0	-6828.6	2284	9.8	145353.1	-6851.4
2105	9.0	140916.0	-6803.1	2195	9.7	144028.0	-6813.4	2285	8.6	145416.1	-6816.4
2106	9.5	140923.5	-6802.7	2196	9.4	144055.5	-6807.7	2286	9.8	145512.1	-6829.1
2107	9.1	141010.0	-6811.3	2197	9.5	144058.5	-6811.9	2287	9.8	145519.1	-6803.5
2108	8.2	141153.0	-6830.3	2198	9.7	144106.0	-6825.9	2288	9.8	145527.1	-6828.7
2109	9.5	141156.0	-6844.1	2199	9.2	144110.5	-6838.3	2289	9.5	145527.1	-6859.3
2110	9.0	141319.0	-6844.2	2200	9.4	144125.5	-6828.3	2290	9.6	145546.6	-6808.1
2111	9.1	141324.5	-6817.0	2201	9.0	144141.5	-6808.7	2291	9.6	145546.6	-6806.9
2112	8.8	141344.5	-6849.5	2202	9.7	144143.0	-6806.3	2292	9.6	145600.1	-6826.5
2113	9.5	141454.5	-6813.6	2203	9.4	144149.5	-6824.1	2293	9.3	145602.1	-6812.5
2114	9.5	141522.5	-6817.4	2204	9.6	144203.8	-6846.2	2294	9.5	145609.6	-6815.5
2115	9.6	141524.0	-6853.2	2205	9.8	144221.8	-6811.2	2295	9.2	145612.1	-6804.3
2116	8.2	141551.0	-6817.2	2206	9.4	144224.8	-6803.7	2296	9.1	145627.1	-6828.2
2117	9.2	141602.0	-6813.2	2207	9.2	144247.3	-6814.6	2297	9.6	145635.1	-6804.7
2118	9.4	141607.5	-6859.0	2208	7.7	144247.8	-6851.4	2298	9.8	145639.1	-6816.5
2119	9.4	141614.5	-6830.0	2209	9.6	144303.3	-6835.8	2299	9.1	145646.1	-6830.6
2120	8.6	141701.5	-6847.2	2210	9.3	144320.8	-6814.5	2300	9.4	145702.6	-6829.7
2121	8.8	141725.5	-6821.9	2211	9.6	144330.8	-6828.3	2301	9.8	145704.1	-6838.0
2122	9.6	141726.0	-6845.1	2212	9.2	144347.8	-6827.6	2302	9.8	145721.1	-6840.0
2123	9.3	141818.0	-6842.0	2213	9.7	144347.8	-6812.3	2303	9.8	145725.6	-6853.9
2124	9.4	141958.0	-6824.1	2214	9.3	144351.3	-6858.2	2304	9.2	145740.6	-6820.1
2125	9.4	142104.0	-6854.2	2215	9.8	144354.5	-6801.4	2305	9.3	145746.6	-6808.9
2126	8.3	142121.5	-6814.6	2216	9.5	144404.3	-6830.0	2306	9.4	145752.1	-6809.7
2307	7.1	145808.1	-6814.1								
2308	9.8	145810.1	-6856.0								
2309	9.8	145813.1	-6813.6								
2310	9.8	145823.1	-6859.9								
2311	9.2	145837.0	-6839.1								
2312	9.4	145844.5	-6828.6								
2313	9.7	145859.5	-6832.9								
2314	9.8	145911.5	-6835.7								
2315	9.5	145922.5	-6848.3								
2316	9.3	145942.0	-6836.9								
2317	9.8	145959.0	-6800.9								
2318	9.8	150015.5	-6839.5								
2319	9.4	150016.0	-6826.3								
2320	9.8	150023.5	-6820.7								
2321	9.3	150029.5	-6829.4								
2322	9.5	150044.5	-6829.7								
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2327	9.7	150101.0	-6834.5								
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2331	9.4	150130.5	-6804.3								
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2333	9.8	150140.0	-6837.1								
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2335	9.6	150143.5	-6805.5								
2336	9.8	150218.0	-6827.3								
2337	9.5	150225.5	-6843.7								
2338	9.8	150232.0	-6823.5								
2339	9.8	150233.0	-6832.9								
2340	9.6	150237.3	-6801.3								
2341	9.7	150241.5	-6857.9								
2342	9.2	150252.6	-6859.1								
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2346	9.4	150318.5	-6810.4								
2347	8.8	150324.0	-6817.3								
2348	9.5	150329.0	-6841.2								
2349	9.8	150333.0	-6809.2								
2350	9.6	150336.5	-6839.9								
2351	9.8	150337.5	-6822.1								
2352	9.6	150348.0	-6848.1								
2353	9.0	150354.0	-6808.9								
2354	9.6	150358.9	-6812.9								
2355	9.7	150404.4	-6822.4								
2356	9.5	150411.4	-6807.0								
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2358	9.6	150422.9	-6805.3								
2359	9.4	150429.4	-6832.8								
2360	9.4	150436.5	-6801.6								
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2362	9.8	150453.9	-6814.6								
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2371	8.7	150632.8	-6859.9								
2372	9.8	150635.9	-6801.6								
2373	9.8	150647.4	-6844.2								
2374	9.6	150654.9	-6824.4								
2375	9.8	150655.9	-6810.2								
2376	9.2	150655.9	-6811.3								
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2386	9.6	150733.4	-6836.9								
2387	9.4	150741.9	-6847.3								
2388	9.4	150752.9	-6807.4								
2389	9.4	150800.9	-6830.3								
2390	9.6	150803.9	-6809.2								
2391	9.8	150826.9	-6854.3								
2392	9.6	150833.7	-6813.2								
2393	9.0	150837.9	-6808.6								
2394	9.5	150840.4	-6813.6								
2395	9.6	150841.9	-6814.2								
2396	9.5	150842.4	-6809.2								

-68 2397 15h09m

-68 2756 16h22m

2397	9.6	150920.9	-6815.6	2487	9.8	152210.1	-6858.8	2577	9.6	154010.0	-6841.3	2667	10.1	160824.0	-6815.3
2398	9.5	150933.4	-6801.9	2488	9.8	152218.5	-6835.3	2578	9.1	154016.0	-6842.1	2668	10.0	160824.5	-6804.5
2399	9.2	150945.9	-6856.6	2489	8.1	152223.2	-6811.0	2579	9.0	154035.0	-6847.1	2669	9.6	160839.0	-6823.3
2400	9.0	150949.4	-6817.1	2490	9.8	152241.5	-6825.8	2580	9.6	154038.0	-6825.7	2670	10.1	160847.5	-6848.7
2401	9.8	150954.8	-6806.3	2491	9.5	152245.6	-6826.3	2581	9.3	154042.5	-6811.3	2671	8.8	160847.7	-6800.5
2402	9.2	150958.4	-6810.5	2492	9.8	152246.5	-6848.5	2582	9.0	154124.0	-6827.1	2672	10.0	160851.0	-6852.1
2403	9.4	151000.4	-6808.0	2493	8.5	152248.5	-6827.7	2583	9.4	154239.5	-6830.1	2673	9.7	160902.5	-6831.1
2404	8.6	151003.4	-6811.8	2494	9.7	152256.5	-6814.9	2584	8.4	154257.5	-6819.7	2674	10.1	160903.0	-6836.9
2405	9.6	151005.9	-6846.5	2495	9.4	152300.3	-6806.6	2585	7.0	154309.5	-6813.7	2675	10.1	160920.0	-6818.5
2406	9.8	151024.4	-6858.4	2496	9.7	152300.5	-6836.3	2586	9.4	154326.0	-6820.3	2676	10.1	160930.0	-6834.7
2407	9.6	151057.9	-6810.9	2497	9.6	152307.0	-6813.5	2587	8.7	154329.5	-6831.4	2677	9.0	160931.5	-6854.8
2408	9.3	151102.4	-6828.7	2498	9.7	152313.5	-6843.1	2588	8.9	154438.0	-6850.2	2678	9.8	160937.5	-6813.5
2409	9.6	151103.4	-6803.1	2499	9.0	152320.8	-6810.5	2589	9.5	154441.5	-6839.1	2679	10.0	160939.5	-6856.1
2410	9.4	151103.9	-6856.6	2500	9.4	152330.0	-6830.6	2590	9.0	154443.0	-6816.6	2680	9.6	160944.5	-6858.2
2411	9.2	151111.2	-6828.6	2501	9.3	152341.0	-6841.6	2591	8.5	154517.5	-6825.8	2681	10.0	160950.0	-6842.6
2412	8.8	151130.5	-6850.9	2502	9.8	152349.0	-6816.0	2592	9.2	154550.0	-6815.2	2682	9.4	160955.5	-6809.6
2413	8.4	151137.4	-6809.7	2503	9.7	152350.8	-6820.5	2593	8.2	154618.0	-6814.0	2683	10.0	161011.5	-6842.5
2414	9.3	151147.2	-6822.9	2504	9.8	152351.0	-6812.9	2594	8.4	154655.0	-6808.0	2684	8.8	161015.0	-6829.1
2415	9.6	151153.9	-6827.1	2505	9.6	152354.2	-6850.7	2595	9.5	154740.5	-6812.0	2685	10.1	161016.0	-6804.7
2416	9.2	151155.2	-6824.4	2506	9.6	152355.2	-6831.0	2596	9.6	154801.5	-6821.1	2686	10.0	161017.5	-6818.9
2417	9.6	151203.9	-6832.4	2507	9.0	152355.5	-6815.7	2597	9.4	154817.5	-6855.1	2687	10.1	161029.0	-6857.4
2418	9.8	151206.4	-6811.1	2508	9.5	152357.5	-6813.5	2598	8.7	154826.5	-6818.9	2688	10.1	161035.0	-6858.6
2419	9.5	151217.9	-6836.1	2509	9.7	152409.5	-6834.2	2599	9.6	154857.5	-6826.7	2689	9.7	161036.5	-6840.4
2420	9.3	151220.2	-6824.9	2510	9.7	152417.5	-6813.0	2600	9.6	154934.5	-6834.0	2690	9.4	161038.5	-6805.6
2421	8.8	151221.0	-6830.5	2511	9.6	152418.0	-6841.2	2601	9.0	155028.0	-6802.0	2691	10.1	161038.5	-6858.1
2422	9.2	151245.9	-6856.0	2512	9.6	152436.0	-6823.9	2602	9.5	155054.5	-6800.4	2692	9.4	161043.0	-6848.6
2423	9.6	151252.9	-6808.4	2513	9.0	152447.5	-6851.4	2603	9.6	155057.5	-6809.0	2693	9.8	161056.0	-6820.2
2424	9.3	151310.4	-6817.3	2514	9.8	152450.0	-6815.0	2604	9.0	155123.0	-6846.8	2694	10.1	161058.0	-6808.7
2425	9.3	151311.8	-6827.2	2515	9.5	152451.5	-6833.6	2605	9.4	155126.5	-6807.6	2695	9.4	161116.0	-6818.2
2426	9.8	151313.4	-6851.4	2516	9.8	152455.0	-6849.4	2606	9.6	155152.0	-6811.6	2696	9.6	161124.0	-6835.6
2427	9.6	151322.9	-6841.4	2517	9.8	152459.0	-6827.3	2607	9.1	155210.0	-6840.4	2697	10.1	161200.5	-6801.9
2428	9.0	151328.7	-6822.2	2518	9.8	152517.5	-6831.3	2608	9.4	155216.5	-6836.0	2698	8.8	161201.5	-6819.2
2429	9.4	151334.7	-6805.3	2519	9.0	152525.8	-6832.0	2609	9.6	155236.5	-6807.6	2699	10.1	161218.0	-6850.0
2430	8.6	151338.4	-6814.6	2520	8.4	152528.7	-6804.6	2610	7.5	155318.0	-6805.2	2700	9.8	161229.0	-6810.1
2431	9.8	151353.4	-6809.8	2521	9.5	152606.0	-6817.7	2611	9.4	155331.5	-6822.4	2701	9.6	161242.5	-6800.9
2432	9.5	151357.6	-6858.0	2522	8.9	152638.0	-6846.0	2612	9.6	155522.5	-6830.8	2702	9.6	161308.0	-6857.9
2433	9.6	151406.9	-6821.1	2523	8.9	152645.0	-6847.4	2613	9.6	155526.5	-6818.6	2703	10.0	161309.0	-6856.9
2434	9.6	151421.0	-6854.8	2524	9.6	152701.0	-6808.4	2614	9.5	155532.5	-6814.6	2704	10.0	161312.0	-6827.9
2435	9.2	151426.0	-6855.5	2525	9.0	152746.0	-6842.2	2615	9.6	155559.5	-6835.2	2705	10.0	161329.0	-6857.9
2436	9.6	151429.0	-6821.6	2526	9.6	152808.5	-6843.4	2616	9.2	155604.5	-6811.1	2706	9.6	161334.0	-6859.1
2437	9.6	151431.5	-6857.1	2527	9.5	152815.0	-6842.0	2617	9.1	155607.0	-6832.0	2707	9.6	161349.0	-6822.3
2438	9.2	151447.0	-6813.8	2528	9.0	152818.5	-6835.0	2618	9.5	155628.5	-6851.0	2708	9.8	161351.0	-6841.8
2439	9.6	151453.5	-6810.1	2529	9.2	152835.0	-6805.8	2619	9.5	155658.5	-6811.0	2709	9.4	161354.0	-6825.4
2440	9.6	151459.5	-6844.0	2530	9.4	152837.3	-6801.2	2620	9.0	155700.0	-6838.6	2710	9.6	161400.5	-6837.9
2441	8.6	151509.3	-6833.8	2531	9.5	152851.5	-6805.0	2621	8.4	155814.0	-6808.6	2711	9.6	161403.5	-6840.9
2442	9.4	151520.0	-6833.1	2532	9.5	152858.5	-6840.2	2622	9.0	155830.0	-6857.0	2712	9.0	161406.0	-6811.8
2443	9.7	151522.5	-6822.0	2533	9.5	152921.0	-6847.2	2623	9.6	155839.0	-6805.2	2713	9.7	161409.0	-6813.9
2444	8.7	151545.5	-6849.4	2534	9.2	152942.5	-6821.2	2624	9.6	155845.0	-6821.0	2714	9.7	161422.5	-6839.3
2445	9.5	151553.0	-6857.6	2535	9.4	152945.5	-6814.1	2625	9.6	155905.0	-6820.0	2715	9.8	161426.5	-6803.9
2446	8.2	151631.7	-6807.0	2536	9.5	152959.5	-6835.4	2626	9.3	155906.5	-6809.9	2716	10.0	161432.0	-6806.9
2447	9.8	151644.5	-6834.9	2537	9.2	153002.0	-6825.0	2627	9.0	155927.5	-6807.0	2717	9.8	161436.0	-6821.9
2448	9.6	151722.3	-6816.6	2538	9.6	153028.0	-6839.8	2628	8.6	155950.0	-6848.0	2718	9.4	161437.0	-6824.9
2449	9.6	151757.7	-6844.8	2539	9.4	153041.5	-6838.8	2629	9.0	160011.5	-6806.2	2719	10.1	161438.0	-6854.2
2450	9.6	151759.2	-6838.2	2540	9.5	153110.5	-6858.0	2630	9.6	160028.5	-6808.0	2720	10.0	161447.0	-6839.3
2451	9.8	151814.0	-6823.2	2541	9.4	153117.0	-6859.7	2631	9.2	160111.5	-6817.8	2721	10.1	161449.0	-6839.7
2452	9.8	151834.0	-6827.4	2542	9.0	153129.0	-6810.9	2632	9.0	160124.0	-6813.0	2722	10.0	161452.5	-6810.3
2453	9.4	151837.7	-6830.1	2543	8.7	153132.0	-6844.8	2633	9.6	160223.5	-6813.0	2723	9.4	161456.0	-6801.2
2454	9.6	151841.0	-6857.1	2544	9.0	153147.5	-6843.2	2634	9.6	160258.5	-6844.0	2724	9.4	161530.0	-6845.1
2455	9.4	151841.7	-6857.5	2545	9.2	153150.0	-6853.4	2635	9.6	160300.0	-6801.2	2725	10.0	161540.0	-6844.9
2456	9.0	151842.6	-6824.7	2546	8.6	153200.5	-6859.6	2636	9.5	160310.5	-6810.3	2726	8.6	161541.5	-6814.6
2457	9.4	151842.7	-6802.7	2547	9.5	153405.5	-6827.0	2637	9.6	160311.0	-6853.8	2727	8.8	161610.0	-6807.8
2458	9.2	151852.6	-6846.8	2548	8.8	153409.5	-6830.7	2638	9.6	160326.0	-6838.0	2728	9.6	161619.5	-6821.1
2459	9.7	151856.0	-6848.6	2549	9.2	153414.5	-6804.0	2639	9.0	160343.0	-6825.6	2729	8.6	161620.5	-6809.9
2460	9.6	151858.0	-6857.2	2550	9.6	153416.5	-6814.1	2640	9.5	160427.5	-6822.0	2730	10.1	161627.5	-6820.1
2461	9.6	151901.0	-6808.7	2551	9.6	153440.0	-6831.0	2641	8.4	160431.5	-6829.6	2731	9.6	161642.5	-6807.9
2462	9.6	151903.7	-6844.7	2552	9.2	153444.0	-6822.3	2642	9.2	160507.5	-6816.4	2732	10.0	161703.5	-6803.5
2463	9.6	151906.0	-6841.1	2553	9.6	153518.0	-6810.7	2643	10.1	160543.0	-6825.7	2733	9.8	161707.0	-6816.0
2464	8.6	151906.7	-6847.0	2554	9.0	153530.0	-6851.3	2644	9.4	160547.0	-6851.9	2734	9.4	161716.5	-6828.5
2465	9.8	151907.5	-6801.0	2555	8.4	153531.5	-6836.8	2645	10.0	160548.5	-6848.7	2735	10.0	161742.0	-6846.4
2466	9.5	151914.2	-6849.9	2556	9.0	153538.0	-6841.1	2646	9.6	160552.5	-6859.0	2736	10.0	161748.5	-6828.9
2467	9.8	151920.5	-6803.5	2557	8.6	153601.5	-6813.2	2647	10.0	160608.5	-6834.9	2737	10.0	161748.5	-6839.4
2468	9.8	151922.0	-6830.7	2558	9.4	153608.0	-6840.5	2648	9.8	160608.5	-6858.8	2738	8.6	161753.0	-6800.1
2469	9.6	151935.7	-6857.5	2559	8.8	153628.5	-6837.9	2649	9.4	160620.2	-6857.2	2739	10.0	161757.5	-6803.4
2470	9.4	151945.7	-6854.0	2560	8.8	153635.5	-6836.1	2650	10.1	160629.5	-6854.6	2740	10.1	161758.0	-6800.4
2471	9.8	151953.0	-6819.5	2561	8.8	153709.0	-6855.1	2651	10.0	160630.5	-6852.1	2741	10.1	161800.5	-6802.0
2472	9.8	151953.5	-6800.0	2562	9.3	153725.5	-6811.1	2652	10.1	160631.0	-6837.5	2742	10.1	161811.0	-6848.9
2473	9.6	151956.6	-6821.9	2563	9.6	153747.5	-6827.8	2653	10.1	160632.5	-6817.0	2743	9.2	161845.5	-6837.9
2474	7.8	152002.1	-6844.4	2564	9.1	153822.5	-6838.0	2654	9.6	160650.5	-6815.5	2744	10.0	161856.5	-6810.7
2475	9.8	152004.0	-6810.9	2565	8.4	153835.5	-6802.3	2655	9.2	160700.8	-6837.1	2745	10.1	161915.0	-6830.6
2476	9.5	152005.0	-6851.0	2566	8.6	153838.5	-6832.1	2656	10.0	160702.0	-6824.6	2746	9.6	161920.5	-6809.9
2477	9.7	152011.0	-6814.2	2567	9.1	153855.0	-6840.1	2657	9.0	160702.5	-6846.1	2747	9.0	161923.0	-6808.9
2478	9.6	152012.7	-6841.6	2568	8.5	153901.5	-6832.2	2658	9.8	160706.5	-6831.0	2748	10.1	161937.0	-6844.2
2479	8.5	152021.4	-6847.6	2569	9.4	153907.5	-6822.3	2659	10.0	160706.5	-6825.7	2749	10.1	162039.0	-6845.9
2480	9.4	152023.0	-6820.3	2570	9.3	153911.5	-6820.1	2660	10.0	160716.5	-6810.6	2750	8.8	162052.0	-6852.1
2481	9.4	152044.0	-6820.8	2571	9.0	153917.0	-6821.2	2661	10.0	160718.5	-6816.7	2751	9.6	162124.5	-6825.2
2482	9.7	152122.5	-6834.8	2572	8.8	153918.0	-6816.0	2662	9.8	160722.5	-6841.5	2752	9.2	162145.5	-6805.0
2483	9.7	152124.4	-6859.1	2573	8.8	153922.0	-6813.4	2663	9.6	160728.7	-6845.9	2753	10.0	162200.5	-6845.1
2484	9.4	152144.1	-6834.8	2574	9.6	153925.5	-6813.6	2664	7.4	160752.8	-6813.6	2754	9.6	162213.0	-6816.0
2485	9.8	152149.0	-6801.2	2575	9.0	153952.0	-6809.1	2665	9.8	160800.5	-6822.4	2755	9.7	162230.0	-6805.9
2486	9.0	152207.4	-6820.5	2576	9.6	154003.5	-6810.1	2666	9.0	160815.0	-6800.9	2756	10.0	162235.5	-6806.9

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2757	10.1	162239.0	-6845.6	2847	9.6	164453.0	-6844.2	2937	9.7	173229.5	-6858.5
2758	10.0	162239.5	-6851.9	2848	8.8	164456.0	-6815.2	2938	9.7	173332.0	-6846.2
2759	10.0	162338.0	-6817.7	2849	10.1	164500.5	-6818.1	2939	9.3	173421.3	-6817.3
2760	9.0	162341.0	-6816.1	2850	10.0	164628.0	-6833.7	2940	9.0	173428.3	-6848.0
2761	8.8	162352.0	-6821.6	2851	9.8	164636.0	-6817.9	2941	8.8	173446.9	-6849.6
2762	10.1	162359.0	-6803.5	2852	9.6	164652.5	-6834.1	2942	9.5	173448.9	-6858.0
2763	9.6	162404.5	-6813.5	2853	8.2	164706.5	-6809.5	2943	9.8	173456.3	-6847.7
2764	10.0	162429.5	-6809.8	2854	10.1	164713.0	-6808.5	2944	9.8	173500.2	-6829.2
2765	9.6	162448.5	-6852.9	2855	10.0	164725.5	-6826.5	2945	9.6	173510.8	-6847.5
2766	9.8	162448.5	-6805.9	2856	9.2	164729.5	-6814.5	2946	9.3	173538.3	-6819.4
2767	10.1	162454.0	-6841.9	2857	9.8	164732.0	-6814.9	2947	9.6	173555.3	-6833.3
2768	9.6	162524.5	-6814.3	2858	9.4	164732.5	-6817.4	2948	9.8	173610.7	-6831.7
2769	9.8	162529.0	-6816.3	2859	9.8	164735.0	-6825.0	2949	9.8	173612.3	-6845.6
2770	9.8	162543.0	-6823.0	2860	9.6	164736.0	-6856.5	2950	8.6	173613.6	-6814.7
2771	7.0	162543.0	-6827.6	2861	9.7	164749.5	-6841.9	2951	9.8	173620.3	-6808.7
2772	9.8	162551.0	-6823.4	2862	10.1	164803.0	-6801.6	2952	9.8	173624.3	-6806.7
2773	10.0	162610.5	-6820.0	2863	10.0	164910.0	-6852.7	2953	8.9	173646.2	-6856.5
2774	9.6	162614.5	-6822.0	2864	9.6	164916.0	-6819.7	2954	9.4	173653.3	-6812.0
2775	10.0	162615.5	-6807.8	2865	9.2	164927.5	-6825.1	2955	8.3	173709.1	-6802.8
2776	10.1	162629.0	-6845.0	2866	10.1	164936.5	-6842.9	2956	8.3	173719.4	-6808.9
2777	9.0	162630.0	-6816.8	2867	10.0	164938.0	-6820.1	2957	9.5	173727.8	-6833.1
2778	9.6	162638.0	-6834.8	2868	8.3	164949.5	-6826.2	2958	9.6	173733.3	-6848.3
2779	10.0	162642.0	-6806.1	2869	8.0	164958.5	-6839.2	2959	9.5	173752.3	-6816.9
2780	10.1	162727.0	-6827.6	2870	10.0	165017.0	-6853.9	2960	9.8	173809.3	-6828.4
2781	10.1	162727.5	-6822.1	2871	9.4	165032.5	-6847.9	2961	9.8	173840.3	-6830.9
2782	9.4	162739.5	-6849.0	2872	9.6	165051.0	-6826.0	2962	9.3	173847.3	-6805.9
2783	9.4	162742.5	-6804.0	2873	8.8	165056.0	-6828.7	2963	9.0	173856.8	-6859.1
2784	9.4	162743.5	-6843.4	2874	9.2	165102.0	-6800.4	2964	9.4	173900.3	-6816.7
2785	10.1	162751.0	-6801.1	2875	8.1	165127.7	-6805.6	2965	9.6	173907.3	-6808.5
2786	10.1	162759.0	-6807.7	2876	9.8	165139.0	-6807.1	2966	8.7	173907.3	-6807.4
2787	9.4	162812.0	-6843.6	2877	10.0	165216.0	-6834.9	2967	9.0	173929.6	-6809.3
2788	9.0	162820.0	-6830.4	2878	9.8	165217.5	-6846.3	2968	9.6	173929.8	-6829.9
2789	5.7	162829.0	-6802.7	2879	10.0	165222.5	-6826.4	2969	9.6	173948.8	-6810.1
2790	9.8	162833.5	-6851.0	2880	10.1	165224.5	-6800.2	2970	9.3	173954.3	-6819.3
2791	9.6	162918.5	-6850.3	2881	9.2	165229.0	-6854.1	2971	9.6	174004.8	-6819.6
2792	9.6	162922.0	-6849.3	2882	9.6	165235.8	-6855.9	2972	9.3	174049.3	-6841.7
2793	10.1	162925.0	-6843.2	2883	10.0	165311.8	-6818.4	2973	9.1	174054.3	-6814.1
2794	9.6	162934.0	-6806.6	2884	9.4	165327.2	-6854.2	2974	8.2	174054.8	-6837.1
2795	10.1	162950.0	-6828.9	2885	9.8	165327.3	-6851.3	2975	9.3	174116.8	-6859.8
2796	9.6	163000.0	-6847.0	2886	9.4	165404.7	-6842.9	2976	9.8	174146.3	-6811.5
2797	9.8	163015.0	-6843.2	2887	10.1	165429.0	-6853.4	2977	8.9	174203.3	-6829.8
2798	10.1	163112.0	-6839.3	2888	10.0	165436.0	-6829.9	2978	9.6	174230.3	-6828.7
2799	10.1	163135.5	-6829.1	2889	10.0	165507.0	-6841.9	2979	9.3	174237.8	-6856.9
2800	9.4	163135.5	-6833.6	2890	9.0	165522.0	-6848.1	2980	9.8	174239.3	-6851.7
2801	10.1	163215.5	-6838.9	2891	9.6	165548.0	-6841.1	2981	9.3	174241.7	-6815.6
2802	10.1	163229.0	-6808.1	2892	6.6	165549.5	-6840.1	2982	9.2	174245.2	-6810.0
2803	9.7	163237.5	-6849.9	2893	9.4	165618.0	-6803.7	2983	8.7	174255.7	-6821.6
2804	10.1	163238.5	-6805.9	2894	9.0	165702.0	-6805.8	2984	9.8	174256.7	-6820.4
2805	10.1	163241.0	-6818.6	2895	9.6	165733.0	-6839.1	2985	9.3	174305.7	-6844.8
2806	9.8	163248.5	-6844.9	2896	9.7	165745.0	-6843.5	2986	9.4	174329.2	-6853.9
2807	10.0	163251.0	-6815.9	2897	7.8	165812.0	-6828.4	2987	9.3	174339.7	-6824.8
2808	10.1	163303.5	-6820.9	2898	9.8	165843.5	-6805.8	2988	8.9	174355.2	-6843.4
2809	9.4	163308.5	-6845.5	2899	9.8	165853.0	-6832.3	2989	9.6	174402.7	-6824.7
2810	10.0	163327.0	-6842.0	2900	9.8	165854.5	-6852.6	2990	9.6	174405.2	-6833.2
2811	9.6	163330.5	-6831.5	2901	8.8	165920.0	-6841.8	2991	8.9	174413.7	-6815.5
2812	10.1	163336.0	-6809.1	2902	8.8	170002.0	-6818.2	2992	8.4	174419.2	-6845.1
2813	9.8	163346.5	-6831.1	2903	9.0	170002.5	-6839.8	2993	9.5	174454.2	-6829.2
2814	9.6	163359.5	-6809.6	2904	9.6	170246.0	-6831.9	2994	9.6	174517.2	-6840.2
2815	8.8	163406.0	-6854.9	2905	8.5	170251.0	-6810.0	2995	9.1	174517.2	-6801.9
2816	9.4	163429.0	-6820.6	2906	9.1	170340.0	-6816.4	2996	9.4	174527.2	-6824.5
2817	10.0	163432.5	-6822.5	2907	9.4	170504.5	-6829.9	2997	9.3	174535.2	-6803.7
2818	10.0	163444.5	-6818.0	2908	9.8	170543.5	-6809.1	2998	9.8	174537.2	-6831.9
2819	10.1	163453.0	-6849.5	2909	9.0	170602.0	-6822.8	2999	9.8	174549.3	-6842.9
2820	8.4	163458.5	-6818.5	2910	8.8	170641.0	-6844.1	3000	9.6	174556.2	-6811.3
2821	9.0	163526.0	-6822.3	2911	8.6	170712.5	-6857.3	3001	8.5	174619.7	-6808.4
2822	4.8	163526.0	-6847.7	2912	9.0	170745.0	-6832.0	3002	9.8	174640.2	-6845.2
2823	10.0	163534.5	-6846.1	2913	9.7	170938.5	-6803.7	3003	9.8	174645.2	-6822.3
2824	10.0	163748.0	-6836.9	2914	8.1	171231.5	-6807.7	3004	9.6	174648.2	-6853.9
2825	9.8	163754.5	-6833.0	2915	9.8	171532.0	-6849.4	3005	9.8	174654.2	-6823.1
2826	10.0	163754.5	-6818.1	2916	8.5	171545.5	-6827.0	3006	9.3	174743.2	-6843.6
2827	9.6	163800.0	-6807.5	2917	9.7	171632.5	-6857.2	3007	9.6	174745.2	-6849.7
2828	10.0	163805.0	-6826.2	2918	9.8	171659.5	-6801.8	3008	9.1	174749.7	-6849.3
2829	9.6	163839.5	-6824.9	2919	9.8	171749.5	-6807.1	3009	9.5	174758.2	-6824.5
2830	10.0	163858.5	-6824.0	2920	9.7	171930.5	-6835.6	3010	8.9	174818.2	-6855.5
2831	10.1	163900.5	-6830.9	2921	8.8	172027.0	-6839.8	3011	9.6	174822.2	-6832.2
2832	9.4	163914.0	-6818.9	2922	8.4	172228.0	-6813.9	3012	9.8	174824.2	-6829.7
2833	10.1	163938.2	-6858.9	2923	9.0	172411.5	-6848.6	3013	9.8	174824.2	-6808.7
2834	10.0	163939.5	-6853.1	2924	8.2	172431.5	-6804.9	3014	9.6	174834.2	-6828.6
2835	10.0	163959.5	-6818.4	2925	8.4	172501.5	-6826.0	3015	9.1	174841.2	-6804.8
2836	9.2	164024.5	-6850.1	2926	9.4	172544.5	-6842.0	3016	9.6	174856.2	-6816.2
2837	10.0	164049.5	-6806.6	2927	9.8	172548.0	-6817.3	3017	9.8	174905.7	-6832.1
2838	10.1	164102.5	-6859.9	2928	7.9	172629.0	-6804.9	3018	9.4	174919.7	-6832.6
2839	9.4	164117.5	-6849.8	2929	9.8	172631.0	-6801.9	3019	9.2	174932.7	-6843.7
2840	10.1	164256.5	-6848.6	2930	9.8	172756.0	-6855.4	3020	9.8	174943.7	-6823.1
2841	10.0	164258.5	-6851.5	2931	7.4	172836.5	-6856.7	3021	9.8	174956.2	-6852.6
2842	8.6	164336.5	-6808.6	2932	8.8	172918.5	-6850.7	3022	9.6	175001.2	-6853.1
2843	10.1	164349.5	-6858.1	2933	8.6	172954.5	-6851.8	3023	9.6	175013.2	-6822.8
2844	10.1	164400.5	-6859.9	2934	9.4	173024.5	-6815.6	3024	9.4	175014.7	-6819.5
2845	9.8	164445.0	-6828.7	2935	9.0	173035.0	-6857.8	3025	8.7	175055.3	-6818.3
2846	9.0	164445.0	-6839.2	2936	7.4	173215.0	-6835.0	3026	8.8	175059.3	-6821.2

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3027	9.4	175122.3	-6831.7	3037	9.8	175339.4	-6830.0	3047	9.8	175452.3	-6828.3
3028	9.8	175140.3	-6807.5	3038	9.8	175341.4	-6851.3	3048	9.6	175510.8	-6804.2
3029	9.8	175145.8	-6804.7	3039	9.8	175356.8	-6812.4	3049	9.1	175545.8	-6845.7
3030	9.1	175207.3	-6821.1	3040	8.8	175359.8	-6837.9	3050	9.1	175546.8	-6806.8
3031	9.5	175213.8	-6852.1	3041	9.8	175403.4	-6822.5	3051	9.4	175552.3	-6806.9
3032	9.8	175259.3	-6848.7	3042	9.6	175409.3	-6806.3	3052	9.3	175559.3	-6839.5
3033	9.8	175310.3	-6830.9	3043	9.6	175410.8	-6808.3	3053	9.3	175608.3	-6801.8
3034	9.6	175319.3	-6838.9	3044	9.4	175417.8	-6810.4	3054	9.6	175609.8	-6830.9
3035	9.5	175328.8	-6815.9	3045	9.6	175421.3	-6832.7	3055	9.6	175610.3	-6806.8
3036	9.4	175329.1	-6858.8	3046	9.3	175446.8	-6807.6	3056	9.6	175636.8	-6857.7
3057	9.8	175703.3	-6843.1	3067	9.8	175938.3	-6821.0	3077	9.3	180331.8	-6847.4
3058	9.4	175739.8	-6851.4	3068	9.3	180114.5	-6800.3	3078	9.8	180348.3	-6850.5
3059	9.3	175740.8	-6837.3	3069	9.8	180119.3	-6858.6	3079	9.8	180357.3	-6802.1
3060	9.8	175759.0	-6800.4	3070	9.6	180151.8	-6837.1	3080	9.8	180432.8	-6851.5
3061	9.8	175812.8	-6817.4	3071	9.1	180157.8	-6803.6	3081	6.6	180438.3	-6815.8
3062	9.2	175818.3	-6834.5	3072	9.5	180200.8	-6856.4	3082	9.6	180453.3	-6824.1
3063	9.5	175909.3	-6839.3	3073	8.8	180207.3	-6817.1	3083	9.2	180536.8	-6851.7
3064	9.1	175918.3	-6844.0	3074	9.6	180229.8	-6852.9	3084	9.3	180553.3	-6806.4
3065	8.8	175925.3	-6837.6	3075	8.8	180326.3	-6852.6	3085	9.8	180558.8	-6843.5
3066	9.6	175932.3	-6821.7	3076	8.9	180330.8	-6813.8	3086	9.0	180641.3	-6853.5
3087	9.5	180711.3	-6805.8	3097	9.5	180923.3	-6837.1				
3088	8.8	180712.8	-6837.3	3098	9.8	180929.3	-6835.1				
3089	9.8	180724.8	-6832.8	3099	9.2	180945.3	-6814.9				
3090	9.0	180735.3	-6815.6	3100	8.7	181023.3	-6823.8				
3091	9.8	180740.8	-6855.4	3101	9.8	181048.4	-6856.1				
3092	8.8	180745.3	-6858.7	3102	8.8	181053.3	-6844.1				
3093	9.6	180850.3	-6833.4	3103	9.8	181118.8	-6800.4				
3094	9.2	180854.8	-6831.2	2104	9.8	181123.3	-6821.7				
3095	9.8	180902.8	-6851.2	3105	9.6	181129.3	-6859.9				
3096	9.0	180906.1	-6802.3	3106	8.5	181136.7	-6827.9				
3107	9.3	181146.7	-6843.9								
3108	8.9	181205.3	-6827.0								
3109	9.6	181217.8	-6822.3								
3110	9.3	181255.3	-6827.5								
3111	8.2	181309.3	-6803.7								
3112	8.8	181312.3	-6831.5								
3113	9.3	181313.3	-6805.3								
3114	9.8	181324.3	-6837.3								
3115	9.0	181343.8	-6843.1								
3116	8.8	181416.3	-6838.6								

3117	9.2	181441.8	-6839.3	3207	9.6	190732.2	-6802.1	3297	10.0	193247.4	-6827.9
3118	9.2	181455.8	-6809.7	3208	10.0	190741.1	-6859.8	3298	10.2	193321.9	-6830.8
3119	9.4	181505.8	-6836.8	3209	10.0	190750.4	-6856.3	3299	10.2	193323.9	-6859.5
3120	9.8	181533.8	-6840.6	3210	10.2	190810.4	-6837.1	3300	10.3	193338.4	-6805.5
3121	8.1	181554.8	-6856.1	3211	10.4	190819.4	-6813.3	3301	9.7	193352.4	-6844.8
3122	9.6	181607.8	-6826.3	3212	10.0	190831.4	-6859.8	3302	10.4	193358.9	-6839.1
3123	9.6	181619.3	-6839.0	3213	10.3	190849.9	-6849.3	3303	8.6	193413.4	-6856.3
3124	9.6	181629.8	-6853.8	3214	9.5	191003.2	-6857.6	3304	9.6	193419.9	-6849.0
3125	8.7	181630.8	-6854.4	3215	9.6	191019.4	-6843.8	3305	8.8	193448.4	-6822.5
3126	9.0	181638.8	-6823.5	3216	10.0	191030.9	-6815.8	3306	10.4	193458.9	-6830.2
3127	9.8	181640.3	-6839.7	3217	9.1	191045.9	-6832.2	3307	9.6	193508.9	-6852.9
3128	9.8	181659.8	-6836.1	3218	7.6	191101.9	-6836.2	3308	9.8	193531.4	-6816.0
3129	9.8	181705.0	-6800.6	3219	7.4	191110.9	-6829.4	3309	10.4	193538.9	-6815.1
3130	9.5	181752.8	-6853.1	3220	9.2	191122.4	-6806.9	3310	10.4	193641.4	-6819.2
3131	9.0	181759.3	-6846.2	3221	10.4	191127.4	-6833.6	3311	9.9	193715.9	-6806.6
3132	9.3	181759.3	-6855.7	3222	9.0	191135.9	-6801.2	3312	9.4	193730.9	-6834.2
3133	9.5	181807.8	-6836.6	3223	9.1	191212.6	-6857.2	3313	9.2	193831.9	-6817.7
3134	7.8	181817.3	-6801.9	3224	10.2	191239.4	-6826.1	3314	9.8	193832.4	-6800.2
3135	9.8	181835.3	-6837.1	3225	10.4	191246.4	-6857.3	3315	9.1	193924.4	-6826.8
3136	8.3	181841.3	-6825.2	3226	10.3	191300.9	-6832.8	3316	10.3	193945.4	-6805.4
3137	9.6	181859.3	-6804.5	3227	8.4	191304.4	-6814.2	3317	9.5	194009.9	-6842.3
3138	9.6	181902.8	-6812.5	3228	9.6	191309.4	-6839.8	3318	10.0	194026.4	-6839.3
3139	9.5	181914.8	-6805.1	3229	10.4	191313.4	-6803.4	3319	8.8	194031.4	-6828.5
3140	9.6	182018.3	-6825.2	3230	8.8	191315.9	-6856.0	3320	9.2	194118.6	-6856.9
3141	9.5	182019.3	-6822.0	3231	10.0	191324.2	-6847.6	3321	8.5	194136.4	-6828.5
3142	9.4	182024.9	-6812.3	3232	9.8	191333.9	-6807.8	3322	10.4	194200.9	-6813.1
3143	8.4	182045.7	-6855.0	3233	10.3	191337.9	-6851.8	3323	7.7	194201.4	-6834.5
3144	9.4	182048.8	-6837.8	3234	10.3	191354.4	-6850.6	3324	10.0	194210.4	-6826.1
3145	9.5	182049.8	-6840.6	3235	10.2	191413.4	-6827.0	3325	10.4	194233.4	-6842.3
3146	9.1	182101.8	-6836.5	3236	10.0	191414.4	-6841.4	3326	9.8	194257.4	-6854.5
3147	9.6	182139.3	-6852.5	3237	10.0	191429.4	-6828.2	3327	10.0	194257.9	-6825.3
3148	9.8	182149.3	-6844.0	3238	10.4	191440.9	-6829.5	3328	9.5	194311.4	-6823.4
3149	9.8	182242.3	-6802.4	3239	9.8	191458.9	-6856.5	3329	9.7	194313.9	-6805.4
3150	9.8	182303.3	-6806.5	3240	9.2	191517.4	-6808.0	3330	10.3	194313.9	-6826.0
3151	9.8	182320.3	-6846.8	3241	10.4	191518.4	-6820.9	3331	10.2	194357.4	-6837.1
3152	9.5	182439.2	-6805.9	3242	9.2	191536.4	-6825.5	3332	9.0	194400.4	-6852.5
3153	9.8	182442.8	-6836.7	3243	10.0	191549.4	-6838.8	3333	9.5	194438.4	-6815.5
3154	9.1	182447.5	-6828.0	3244	8.5	191559.4	-6852.4	3334	9.1	194439.9	-6837.1
3155	9.8	182528.8	-6818.0	3245	9.5	191609.4	-6819.6	3335	8.2	194512.4	-6809.1
3156	9.6	182622.2	-6819.8	3246	9.4	191614.4	-6848.0	3336	9.9	194533.4	-6811.1
3157	9.5	182645.2	-6804.8	3247	9.9	191636.9	-6848.1	3337	10.4	194609.4	-6836.3
3158	9.4	183018.0	-6852.2	3248	10.4	191638.4	-6826.6	3338	9.4	194810.4	-6841.7
3159	8.5	183120.5	-6838.7	3249	10.0	191732.9	-6814.5	3339	9.6	194856.4	-6834.3
3160	9.5	183317.0	-6801.0	3250	9.9	191809.4	-6832.4	3340	9.0	194859.4	-6831.1
3161	9.2	183324.0	-6841.1	3251	7.8	191809.4	-6841.1	3341	10.2	194927.4	-6846.7
3162	9.6	183353.5	-6802.7	3252	10.2	191812.4	-6846.2	3342	9.9	195009.4	-6836.9
3163	9.6	183407.5	-6837.9	3253	9.7	191841.9	-6808.3	3343	10.2	195024.9	-6827.1
3164	9.5	183540.5	-6810.1	3254	9.4	191846.4	-6856.6	3344	10.4	195038.9	-6846.9
3165	9.0	183636.6	-6800.3	3255	9.8	191939.4	-6829.4	3345	10.0	195048.9	-6815.5
3166	9.6	183647.0	-6804.9	3256	10.0	191945.9	-6853.0	3346	10.4	195116.8	-6837.3
3167	8.9	183808.5	-6806.4	3257	9.8	191957.1	-6858.3	3347	9.9	195159.4	-6834.5
3168	9.6	183816.5	-6858.4	3258	10.4	191958.9	-6816.8	3348	9.6	195205.7	-6846.4
3169	9.6	183818.5	-6831.9	3259	10.0	192054.4	-6844.7	3349	9.8	195224.9	-6855.6
3170	8.2	184013.0	-6856.4	3260	8.2	192113.9	-6812.2	3350	9.2	195302.4	-6847.3
3171	9.0	184231.5	-6851.3	3261	8.4	192123.4	-6842.6	3351	8.8	195400.6	-6846.5
3172	9.6	184349.5	-6829.8	3262	10.4	192153.4	-6829.2	3352	10.3	195453.4	-6857.5
3173	9.3	184547.5	-6810.0	3263	10.2	192217.4	-6854.4	3353	9.8	195536.9	-6825.1
3174	8.8	184653.5	-6843.9	3264	8.1	192333.9	-6835.4	3354	10.4	195543.8	-6809.8
3175	9.6	184730.0	-6840.4	3265	9.1	192357.4	-6853.6	3355	8.8	195545.0	-6806.1
3176	8.9	184739.0	-6849.1	3266	9.7	192359.9	-6848.0	3356	10.0	195545.4	-6833.1
3177	8.2	184848.0	-6817.9	3267	10.0	192413.9	-6816.2	3357	8.8	195829.5	-6806.5
3178	9.6	184903.0	-6849.9	3268	10.2	192542.4	-6844.3	3358	7.9	195851.5	-6859.3
3179	9.5	184955.0	-6836.6	3269	9.4	192556.4	-6845.0	3359	9.6	195931.5	-6850.0
3180	6.5	185007.5	-6855.5	3270	10.4	192641.9	-6813.8	3360	9.8	195943.0	-6843.1
3181	8.9	185056.5	-6843.3	3271	10.2	192644.9	-6803.1	3361	9.6	200108.5	-6849.4
3182	9.6	185117.0	-6842.1	3272	9.9	192646.4	-6815.6	3362	9.0	200304.0	-6848.2
3183	9.5	185216.5	-6856.0	3273	9.6	192729.4	-6855.1	3363	9.5	200453.5	-6819.1
3184	9.6	185404.5	-6812.8	3274	10.4	192737.9	-6824.5	3364	8.6	200542.0	-6852.3
3185	6.6	185636.0	-6836.7	3275	10.4	192847.4	-6837.3	3365	9.8	200930.0	-6807.4
3186	7.7	185641.5	-6829.2	3276	10.3	192906.4	-6830.5	3366	9.8	200958.0	-6839.8
3187	9.2	185743.0	-6835.4	3277	10.3	192909.4	-6817.7	3367	9.8	201130.5	-6859.1
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3189	8.4	185921.0	-6807.5	3279	10.4	192930.4	-6834.1	3369	7.5	201641.0	-6809.8
3190	8.9	190122.0	-6841.0	3280	8.8	192937.8	-6827.6	3370	9.6	201739.5	-6804.1
3191	9.6	190201.5	-6807.0	3281	8.6	192940.4	-6835.5	3371	9.0	201836.0	-6825.8
3192	9.0	190204.5	-6810.4	3282	10.3	192955.9	-6822.3	3372	9.0	202040.5	-6826.9
3193	9.5	190345.5	-6830.0	3283	10.0	193018.4	-6834.7	3373	9.0	202043.5	-6858.6
3194	9.6	190408.0	-6844.0	3284	10.0	193022.9	-6832.3	3374	7.4	202052.0	-6847.3
3195	10.4	190438.4	-6817.5	3285	10.3	193026.9	-6818.7	3375	9.8	202108.5	-6826.3
3196	9.4	190440.4	-6855.8	3286	8.8	193030.8	-6802.7	3376	9.8	202240.0	-6856.8
3197	10.4	190446.4	-6822.1	3287	10.0	193035.9	-6847.1	3377	9.8	202620.5	-6841.0
3198	9.1	190455.7	-6851.2	3288	10.4	193038.4	-6852.4	3378	9.0	202811.5	-6845.0
3199	10.3	190505.9	-6831.2	3289	9.7	193044.9	-6805.5	3379	8.4	202955.0	-6834.3
3200	10.4	190532.0	-6800.0	3290	10.4	193045.4	-6848.1	3380	9.6	203043.5	-6846.4
3201	10.3	190536.4	-6809.4	3291	9.1	193119.5	-6801.1	3381	9.6	203100.5	-6823.1
3202	10.4	190544.4	-6839.0	3292	10.4	193127.4	-6814.1	3382	9.8	203100.5	-6801.3
3203	9.4	190550.4	-6818.9	3293	9.5	193200.6	-6858.0	3383	9.8	203233.6	-6802.3
3204	10.4	190556.4	-6827.5	3294	9.6	193222.9	-6840.9	3384	10.0	203234.5	-6828.1
3205	9.2	190627.4	-6810.5	3295	10.4	193234.4	-6807.5	3385	8.5	203533.7	-6815.8
3206	10.4	190717.9	-6850.5	3296	9.2	193238.9	-6826.5	3386	9.2	203748.0	-6847.7
3387	8.9	203820.2	-6809.2								
3388	8.6	203915.0	-6800.5								
3389	8.2	204055.5	-6803.7								
3390	10.0	204150.0	-6847.1								
3391	10.0	204314.5	-6835.2								
3392	8.2	204543.0	-6810.3								
3393	7.2	204609.0	-6854.0								
3394	9.2	204622.5	-6837.3								
3395	10.0	204737.5	-6824.1								
3396	9.8	204812.5	-6814.4								
3397	8.8	204918.5	-6845.3								
3398	6.0	204959.5	-6841.5								
3399	7.8	205221.5	-6833.5								
3400	8.9	205249.0	-6842.1								
3401	8.5	205301.5	-6803.1								
3402	9.2	205307.5	-6812.9								
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3405	9.2	205444.5	-6806.6								
3406	8.4	205453.5	-6825.7								
3407	9.8	205459.0	-6819.0								
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3409	9.0	210020.0	-6857.9								
3410	10.0	210318.0	-6847.1								
3411	10.0	210443.0	-6810.7								
3412	10.0	210915.0	-6813.7								
3413	10.0	210936.0	-6803.2								
3414	9.2	210954.5	-6801.7								
3415	10.0	211227.0	-6830.3								
3416	10.0	211236.0	-6802.1								
3417	9.6	211240.0	-6821.1								
3418	7.2	211340.0	-6845.9								
3419	8.5	211414.0	-6809.3								
3420	10.0	211450.5	-6811.6								
3421	8.2	211521.5	-6838.1								
3422	10.0	211613.0	-6814.6								
3423	8.9	211617.0	-6823.6								
3424	10.0	211854.5	-6801.4								
3425	9.2	211953.3	-6813.7								
3426	10.0	212037.3	-6803.1								
3427	9.2	212129.3	-6833.2								
3428	8.6	212230.3	-6813.6								
3429	9.3	212232.5	-6812.7								
3430	9.8	212501.0	-6836.3								
3431	9.5	212554.9	-6801.7								
3432	9.0	212647.8	-6844.1								
3433	10.0	212736.5	-6821.9								
3434	9.8	212753.5	-6836.2								
3435	9.6	212924.0	-6818.9								
3436	9.3	212924.5	-6816.7								
3437	9.8	213000.5	-6807.4								
3438	9.6	213024.5	-6806.8								
3439	10.0	213237.5	-6839.1								
3440	8.6	213305.0	-6838.0								
3441	10.0	213324.0	-6844.8								
3442	9.8	213534.5	-6834.7								
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3444	7.5	213620.0	-6810.2								
3445	9.4	213731.0	-6802.3								
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3447	8.8	214022.5	-6839.8								
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3449	9.0	214405.5	-6833.4								
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3451	9.8	214654.5	-6843.7								
3452	9.1	214742.5	-6848.2								
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3455	9.8	215114.5	-6820.5								
3456	8.6	215257.0	-6858.5								
3457	10.0	215334.5	-6839.5								
3458	10.0	215634.0	-6800.9								
3459	10.0	215723.5	-6850.1								
3460	7.6	215744.5	-6837.6								
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3462	8.8	215833.5	-6823.1								
3463	8.6	215942.0	-6831.6								
3464	10.0	220007.0	-6829.8								
3465	7.9	220049.0	-6856.4								
3466	9.3	220112.0	-6854.7								
3467	9.3	220211.0	-6833.1								
3468	10.0	220233.5	-6838.9								
3469	9.6	220251.5	-6820.8								
3470	8.3	220401.7	-6844.5								
3471	10.4	220514.3	-6818.1								
3472	10.4	220555.3	-6844.5								
3473	10.4	220620.3	-6847.3								
3474	9.5	220642.6	-6847.6								
3475	8.5	220656.3	-6858.0								
3476	10.2	220714.3	-6805.9								

3477	9.6	220726.4	-6836.5	3567	7.2	231034.0	-6809.2	58	10.3	12048.3	-6925.1	148	10.2	24429.0	-6954.3
3478	10.0	220756.4	-6858.8	3568	7.9	231224.5	-6800.6	59	10.3	12234.3	-6927.1	149	8.8	24432.0	-6924.8
3479	9.6	220803.3	-6838.7	3569	9.9	231646.0	-6820.1	60	10.2	12424.3	-6927.3	150	9.0	24517.0	-6936.3
3480	9.4	220818.1	-6846.3	3570	8.8	231850.0	-6843.1	61	10.3	12536.3	-6944.8	151	10.2	24610.0	-6925.8
3481	7.6	220901.9	-6855.9	3571	9.2	231912.0	-6854.0	62	9.8	12548.8	-6917.2	152	9.0	24658.0	-6921.3
3482	10.0	220924.3	-6835.9	3572	9.6	232428.0	-6836.6	63	10.3	12551.8	-6917.3	153	9.8	24739.5	-6946.3
3483	9.7	221035.7	-6842.6	3573	9.6	232705.0	-6801.8	64	9.0	12758.3	-6955.5	154	10.2	24746.5	-6941.8
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3485	10.4	221240.8	-6827.3	3575	9.9	233104.5	-6845.3	66	9.2	12902.8	-6911.5	156	9.8	24915.5	-6910.8
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3487	10.4	221337.8	-6818.3	3577	7.9	233457.5	-6827.8	68	9.8	13023.3	-6955.7	158	9.8	24959.0	-6943.4
3488	10.4	221429.8	-6835.5	3578	9.4	233625.3	-6820.2	69	9.4	13029.8	-6940.4	159	9.8	25220.0	-6904.7
3489	9.8	221611.3	-6854.9	3579	8.6	233639.8	-6833.4	70	8.8	13045.3	-6934.4	160	9.3	25307.0	-6944.3
3490	10.0	221729.8	-6832.6	3580	9.2	233939.7	-6844.9	71	10.2	13106.3	-6932.4	161	9.6	25410.0	-6938.7
3491	10.4	221731.0	-6824.1	3581	9.0	234031.7	-6853.7	72	10.3	13118.3	-6909.4	162	7.7	25534.5	-6923.2
3492	10.4	221912.8	-6826.8	3582	8.1	234035.2	-6824.9	73	9.2	13124.3	-6947.5	163	9.6	25551.7	-6901.6
3493	5.9	221924.3	-6807.4	3583	8.8	234143.0	-6802.3	74	10.2	13128.3	-6947.8	164	10.2	25613.0	-6904.9
3494	9.5	221953.3	-6808.5	3584	8.8	234243.0	-6838.0	75	9.4	13633.6	-6947.7	165	10.2	25730.5	-6918.8
3495	9.2	221954.3	-6842.0	3585	8.1	234552.5	-6843.0	76	10.3	13915.1	-6922.6	166	10.2	25851.0	-6913.0
3496	9.3	222037.8	-6846.8	3586	9.4	234805.0	-6810.9	77	8.6	14141.1	-6943.0	167	10.2	30037.5	-6925.6
3497	9.7	222052.8	-6829.3	3587	9.4	234913.0	-6845.0	78	9.8	14219.6	-6945.2	168	9.6	30203.5	-6937.6
3498	9.3	222059.3	-6814.8	3588	9.3	234923.5	-6836.9	79	10.3	14252.1	-6915.2	169	10.0	30307.0	-6913.0
3499	10.4	222109.8	-6855.6	3589	8.5	235023.5	-6817.5	80	10.3	14409.6	-6909.6	170	9.8	30529.0	-6946.7
3500	10.4	222118.0	-6831.0	3590	8.9	235121.0	-6846.1	81	9.6	14657.1	-6923.9	171	10.2	30557.0	-6920.1
3501	9.3	222216.5	-6806.0	3591	8.8	235520.0	-6847.9	82	10.8	14949.0	-6926.2	172	9.5	30621.5	-6922.0
3502	10.0	222245.5	-6852.0	3592	9.4	235521.5	-6804.0	83	9.6	15006.0	-6952.0	173	10.0	30638.0	-6938.4
3503	10.0	222255.0	-6845.3	3593	9.4	235535.3	-6834.2	84	9.9	15058.0	-6937.4	174	6.8	30651.0	-6944.5
3504	10.4	222322.0	-6801.7	3594	9.4	235538.3	-6858.1	85	9.2	15058.8	-6958.0	175	9.8	30814.0	-6947.4
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3506	10.2	222428.5	-6849.2	3596	9.4	235805.5	-6821.7	87	7.6	15255.0	-6900.4	177	10.2	30923.5	-6904.1
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3510	9.6	222845.5	-6842.1	1	9.3	00438.5	-6914.5	91	9.2	15810.0	-6955.0	181	9.8	31302.0	-6948.1
3511	9.7	222851.5	-6853.2	2	7.6	00815.0	-6936.8	92	10.6	15943.0	-6947.6	182	10.2	31455.0	-6934.8
3512	9.6	222945.5	-6824.8	3	8.4	00902.5	-6913.6	93	9.8	20017.5	-6932.8	183	9.8	31601.5	-6918.5
3513	9.7	222948.0	-6845.4	4	9.3	00911.5	-6932.5	94	10.1	20153.5	-6945.4	184	10.0	31658.8	-6943.4
3514	10.0	222952.5	-6842.6	5	8.6	01208.0	-6945.2	95	9.5	20156.5	-6910.0	185	9.8	31936.5	-6949.9
3515	10.4	222954.5	-6800.6	6	8.7	01253.0	-6915.8	96	10.8	20222.0	-6900.6	186	10.2	32148.5	-6958.6
3516	7.6	223031.0	-6842.4	7	8.4	01343.0	-6947.8	97	9.6	20408.0	-6927.2	187	9.6	32200.5	-6945.1
3517	10.0	223145.0	-6849.9	8	9.3	01424.7	-6935.8	98	10.4	20438.5	-6908.0	188	9.8	32223.5	-6952.0
3518	7.0	223157.0	-6820.2	9	9.4	01526.0	-6914.4	99	9.2	20559.9	-6934.2	189	8.6	32224.5	-6912.1
3519	8.2	223326.0	-6829.0	10	9.2	01706.3	-6921.2	100	10.8	20633.4	-6910.9	190	8.8	32245.5	-6900.5
3520	9.7	223516.5	-6828.4	11	9.6	02137.0	-6901.3	101	9.0	20744.9	-6922.0	191	9.0	32433.5	-6908.8
3521	10.4	223521.5	-6814.4	12	9.0	02536.2	-6943.7	102	10.6	21006.4	-6946.6	192	6.3	32501.0	-6946.4
3522	10.0	223544.4	-6859.7	13	9.4	02610.5	-6938.1	103	10.4	21113.4	-6917.3	193	9.1	32756.5	-6956.8
3523	10.4	223548.0	-6808.6	14	8.9	02613.5	-6903.0	104	9.8	21149.4	-6905.7	194	9.3	32817.5	-6933.1
3524	9.5	223553.0	-6840.1	15	8.1	02930.0	-6917.1	105	10.8	21224.4	-6946.8	195	9.3	33124.0	-6922.9
3525	9.5	223601.0	-6817.0	16	9.0	02958.0	-6902.0	106	10.8	21319.4	-6938.7	196	9.1	33233.0	-6938.3
3526	10.0	223612.0	-6817.7	17	9.0	03239.0	-6905.4	107	9.2	21341.4	-6937.6	197	8.4	33303.5	-6926.0
3527	9.3	223653.5	-6813.4	18	9.6	03256.0	-6940.3	108	8.8	21356.9	-6920.4	198	9.6	33312.0	-6929.0
3528	7.9	223656.5	-6854.7	19	8.9	03411.5	-6925.6	109	10.4	21611.4	-6914.1	199	8.8	33339.5	-6906.8
3529	10.0	223702.0	-6849.3	20	9.3	03424.5	-6943.8	110	10.1	21638.9	-6908.5	200	9.3	33345.5	-6903.4
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3531	8.7	223939.0	-6855.7	22	9.2	03604.0	-6908.8	112	10.8	21812.9	-6913.4	202	9.0	33528.5	-6936.1
3532	9.7	223941.0	-6851.4	23	9.4	03810.5	-6919.4	113	3.6	21930.4	-6913.8	203	9.1	33846.0	-6940.0
3533	9.8	223945.0	-6805.1	24	8.9	03907.5	-6924.9	114	10.6	22058.9	-6904.5	204	9.1	33929.5	-6922.7
3534	10.0	224053.2	-6825.0	25	8.9	04131.5	-6932.3	115	9.6	22122.4	-6936.0	205	9.7	34025.5	-6903.0
3535	10.4	224139.2	-6834.8	26	8.9	04412.5	-6948.3	116	10.8	22136.4	-6923.5	206	9.6	34113.5	-6940.0
3536	10.4	224150.5	-6826.6	27	8.3	04932.0	-6945.9	117	10.8	22232.4	-6901.0	207	9.2	34151.0	-6916.3
3537	8.9	224222.0	-6803.4	28	8.3	05037.5	-6918.2	118	10.1	22256.9	-6908.9	208	9.6	34234.5	-6916.4
3538	10.0	224227.2	-6810.5	29	9.6	05202.0	-6948.5	119	9.9	22324.4	-6912.4	209	8.9	34524.0	-6954.9
3539	9.5	224343.0	-6816.6	30	9.6	05513.5	-6948.9	120	9.9	22330.4	-6950.4	210	8.8	34632.5	-6949.8
3540	10.4	224431.2	-6855.0	31	9.2	05616.5	-6912.7	121	8.2	22414.4	-6911.7	211	9.8	34712.0	-6901.6
3541	7.4	224611.5	-6816.4	32	9.4	05647.5	-6914.7	122	9.0	22439.9	-6924.0	212	9.9	34821.0	-6905.2
3542	9.2	224706.5	-6801.8	33	9.6	05924.0	-6950.3	123	9.8	22523.9	-6930.7	213	9.9	34835.0	-6904.9
3543	10.0	224745.5	-6847.1	34	9.6	10250.0	-6914.0	124	8.9	22600.4	-6936.3	214	9.4	34854.0	-6943.1
3544	9.8	224931.5	-6820.1	35	9.7	10335.0	-6909.0	125	10.1	22702.4	-6931.5	215	8.8	35013.0	-6927.0
3545	9.4	225034.0	-6804.0	36	9.5	10417.8	-6923.0	126	10.8	22729.9	-6907.7	216	9.0	35210.5	-6940.2
3546	8.9	225039.2	-6843.1	37	9.2	10457.8	-6931.2	127	8.6	22750.4	-6909.7	217	9.8	35223.5	-6917.6
3547	8.4	225045.3	-6812.7	38	9.2	10459.6	-6949.2	128	10.4	22850.4	-6919.8	218	9.4	35238.5	-6947.4
3548	9.0	225046.2	-6852.6	39	10.3	10511.8	-6942.2	129	10.8	22900.4	-6945.1	219	9.7	35240.0	-6908.3
3549	10.4	225048.5	-6853.7	40	10.3	10512.8	-6945.7	130	9.0	23140.9	-6944.8	220	9.7	35246.5	-6919.9
3550	10.2	225122.2	-6848.7	41	9.2	10513.1	-6927.4	131	10.8	23222.9	-6907.7	221	9.6	35250.5	-6955.0
3551	9.7	225141.5	-6854.5	42	10.3	10808.8	-6947.2	132	9.9	23349.4	-6903.6	222	9.7	35358.0	-6931.6
3552	10.2	225207.2	-6838.7	43	9.7	11016.8	-6917.8	133	10.8	23547.9	-6915.3	223	9.3	35415.0	-6946.0
3553	9.0	225212.0	-6810.9	44	7.7	11045.4	-6928.9	134	10.8	23728.4	-6948.9	224	9.6	35452.5	-6907.6
3554	10.2	225528.0	-6827.2	45	5.2	11131.3	-6932.4	135	10.8	23809.9	-6949.0	225	9.6	35508.0	-6954.0
3555	8.9	225638.0	-6834.5	46	10.3	11145.3	-6924.3	136	10.8	23849.4	-6916.3	226	9.6	35612.5	-6915.7
3556	8.9	225701.0	-6807.3	47	9.4	11155.8	-6908.4	137	8.4	23858.2	-6957.1	227	9.7	35722.0	-6947.0
3557	9.0	225800.0	-6843.0	48	10.3	11228.3	-6945.9	138	6.8	23900.7	-6945.9	228	9.6	35722.0	-6939.9
3558	9.9	225929.0	-6818.3	49	10.2	11328.3	-6919.0	139	10.6	23953.9	-6915.6	229	8.4	35752.0	-6952.9
3559	9.9	230024.0	-6829.9	50	10.3	11400.8	-6941.0	140	8.1	23958.4	-6913.1	230	9.9	35929.0	-6934.3
3560	6.4	230143.0	-6833.1	51	10.3	11410.8	-6948.9	141	9.1	24120.9	-6933.5	231	9.7	40014.0	-6918.9
3561	8.8	230146.0	-6824.1	52	9.0	11414.3	-6911.0	142	7.4	24149.7	-6941.4	232	9.7	40023.0	-6916.9
3562	9.9	230318.0	-6850.9	53	7.2	11547.3	-6933.5	143	8.6	24152.9	-6940.7	233	9.7	40155.5	-6920.0
3563	8.4	230555.0	-6858.2	54	9.6	11641.8	-6909.4	144	8.2	24157.7	-6954.6	234	8.6	40233.5	-6917.2
3564	9.9	230626.5	-6826.0	55	8.0	11855.3	-6944.1	145	10.2	24246.0	-6933.3	235	9.8	40514.8	-6926.8
3565	9.5	230741.0	-6812.4	56	9.2	11937.8	-6943.7	146	10.2	24328.0	-6930.4	236	9.0	40542.8	-6944.0
3566	9.8	230742.0	-6803.6	57	10.3	12031.8	-6943.1	147	8.3	24354.5	-6942.6	237	9.7	40555.0	-6901.0

-69 238 4h06m

-69 597 6h20m

238	9.6	40640.5	-6936.0	328	9.2	50538.0	-6920.0	418	10.1	53716.5	-6916.5	508	20.0	54304.0	-6915.9
239	9.0	40645.0	-6935.4	329	8.8	50549.0	-6952.1	419	10.1	53717.5	-6935.6	509	10.0	54307.5	-6915.5
240	9.0	40749.7	-6922.7	330	20.0	50556.5	-6934.1	420	9.8	53724.7	-6927.1	510	10.2	54322.5	-6932.2
241	9.7	40752.5	-6946.9	331	20.0	50750.5	-6908.0	421	10.2	53725.3	-6927.8	511	10.1	54329.0	-6907.2
242	8.7	40828.0	-6901.6	332	20.0	51000.0	-6900.1	422	10.1	53735.5	-6912.9	512	10.1	54331.5	-6932.9
243	9.7	41003.5	-6934.1	333	9.7	51006.5	-6945.2	423	9.9	53737.2	-6933.5	513	10.2	54346.5	-6903.0
244	9.7	41011.0	-6901.1	334	8.7	51013.0	-6918.6	424	10.2	53737.5	-6941.6	514	9.9	54352.5	-6936.0
245	9.4	41100.2	-6900.1	335	20.0	51016.0	-6916.7	425	10.0	53739.0	-6933.7	515	9.8	54353.0	-6927.1
246	9.7	41131.5	-6956.0	336	8.6	51024.0	-6952.1	426	10.1	53740.5	-6927.0	516	10.0	54421.5	-6917.8
247	9.7	41141.5	-6947.4	337	9.1	51120.5	-6928.1	427	9.8	53744.0	-6933.9	517	9.2	54505.5	-6932.0
248	9.4	41146.0	-6909.7	338	9.6	51148.0	-6953.8	428	9.5	53748.5	-6934.0	518	10.1	54521.5	-6917.4
249	9.6	41210.5	-6949.0	339	9.6	51220.0	-6951.3	429	9.9	53749.5	-6915.7	519	10.0	54606.0	-6909.6
250	9.7	41217.5	-6956.0	340	8.8	51223.5	-6941.4	430	10.2	53753.0	-6920.3	520	9.4	54607.8	-6902.5
251	9.7	41243.0	-6937.3	341	9.4	51427.0	-6940.7	431	10.2	53755.5	-6927.2	521	10.2	54651.5	-6935.3
252	8.9	41328.5	-6926.0	342	9.6	51428.5	-6926.2	432	10.2	53800.5	-6926.9	522	10.0	54735.5	-6930.0
253	8.8	41444.5	-6951.0	343	9.6	51429.0	-6908.7	433	9.9	53801.5	-6933.7	523	10.0	54836.5	-6924.0
254	8.9	41505.0	-6902.6	344	9.4	51433.5	-6928.2	434	10.2	53806.5	-6923.4	524	9.4	54907.5	-6947.0
255	9.4	41521.5	-6950.6	345	9.6	51522.0	-6922.1	435	10.2	53806.5	-6942.6	525	10.0	54937.5	-6915.4
256	9.2	41632.5	-6905.5	346	9.4	51546.0	-6947.6	436	10.1	53807.5	-6924.2	526	10.0	54937.5	-6930.5
257	9.6	41658.5	-6917.9	347	9.6	51726.0	-6956.2	437	10.1	53824.5	-6930.0	527	9.9	55011.5	-6953.9
258	9.6	41716.5	-6926.0	348	9.6	51735.5	-6911.5	438	10.1	53830.0	-6931.6	528	10.0	55023.0	-6920.3
259	9.3	41727.5	-6917.3	349	8.9	51752.0	-6943.0	439	10.1	53836.5	-6931.5	529	8.9	55038.0	-6949.1
260	9.6	41732.5	-6913.0	350	20.0	51816.5	-6928.0	440	10.2	53838.0	-6914.5	530	9.0	55106.5	-6942.9
261	9.7	41750.5	-6917.7	351	9.6	51821.0	-6954.3	441	10.1	53839.0	-6931.2	531	9.9	55116.0	-6936.1
262	9.2	41827.5	-6937.6	352	9.4	51848.5	-6923.5	442	9.9	53840.0	-6909.1	532	9.6	55123.0	-6916.1
263	8.9	41857.0	-6902.0	353	9.5	51852.5	-6958.5	443	10.2	53840.5	-6913.1	533	10.2	55152.5	-6912.7
264	8.9	41931.5	-6959.9	354	9.3	51901.0	-6941.1	444	10.0	53859.5	-6930.9	534	7.8	55213.5	-6955.6
265	8.8	42002.0	-6924.8	355	20.0	51902.0	-6920.5	445	10.1	53859.5	-6926.1	535	9.8	55217.5	-6955.6
266	8.8	42021.5	-6941.4	356	9.4	51906.0	-6922.4	446	9.5	53902.2	-6910.2	536	9.0	55258.0	-6949.4
267	9.6	42052.5	-6900.6	357	9.6	51910.5	-6919.1	447	10.2	53903.5	-6904.9	537	10.0	55334.5	-6943.9
268	8.3	42153.5	-6954.3	358	9.4	51919.0	-6929.2	448	10.1	53907.0	-6907.9	538	10.0	55353.5	-6929.3
269	9.4	42221.5	-6952.3	359	20.0	51932.5	-6931.9	449	10.1	53909.5	-6907.9	539	9.9	55355.5	-6909.8
270	9.6	42353.5	-6939.7	360	9.7	51935.5	-6939.7	450	9.9	53929.1	-6909.8	540	9.2	55403.5	-6907.0
271	9.7	42358.5	-6909.2	361	9.4	52018.5	-6946.4	451	10.1	53929.4	-6909.0	541	9.4	55412.0	-6923.4
272	9.6	42404.0	-6901.8	362	9.4	52107.5	-6909.5	452	10.0	53933.6	-6909.2	542	9.7	55432.0	-6902.4
273	8.6	42449.0	-6916.4	363	9.5	52146.0	-6922.5	453	10.1	53934.6	-6908.8	543	10.0	55432.0	-6950.0
274	9.8	42506.0	-6940.7	364	9.4	52204.5	-6934.6	454	10.1	53935.0	-6932.6	544	9.5	55451.5	-6915.3
275	8.6	42530.5	-6940.0	365	9.7	52212.0	-6933.6	455	9.6	53935.0	-6949.6	545	9.9	55508.0	-6907.0
276	9.6	42900.5	-6931.3	366	9.7	52212.5	-6935.3	456	20.0	53935.6	-6909.8	546	10.2	55531.5	-6947.6
277	8.2	42937.5	-6952.9	367	9.6	52219.5	-6934.0	457	10.0	53938.4	-6910.1	547	9.1	55634.5	-6926.6
278	9.1	43112.5	-6941.0	368	9.6	52315.5	-6952.5	458	9.6	53940.0	-6920.8	548	10.0	55652.5	-6905.0
279	8.9	43311.5	-6937.4	369	9.7	52413.0	-6940.2	459	9.7	53941.5	-6927.0	549	8.0	55816.0	-6929.1
280	9.5	43348.5	-6934.6	370	9.3	52439.0	-6936.6	460	10.1	53942.0	-6949.1	550	9.9	55820.5	-6919.0
281	9.6	43353.0	-6957.9	371	9.7	52627.5	-6927.0	461	10.1	53942.5	-6933.5	551	20.0	55852.5	-6912.0
282	8.8	43519.5	-6920.0	372	9.7	52630.0	-6928.3	462	9.5	53944.5	-6905.9	552	10.1	55846.5	-6936.8
283	9.6	43612.5	-6918.0	373	8.9	52639.5	-6942.0	463	10.1	53946.0	-6911.9	553	10.2	55917.0	-6934.6
284	7.6	43835.0	-6903.3	374	9.6	52649.0	-6911.0	464	9.9	53949.6	-6909.8	554	8.8	55943.0	-6951.6
285	9.5	43922.0	-6959.9	375	9.6	52652.5	-6910.6	465	10.0	53950.0	-6930.9	555	10.2	60003.2	-6958.2
286	8.9	43925.5	-6941.6	376	9.3	52728.0	-6913.0	466	20.0	53952.7	-6933.6	556	10.0	60102.5	-6951.5
287	9.7	44053.0	-6924.0	377	20.0	52735.0	-6912.0	467	8.8	53957.2	-6948.2	557	9.6	60109.5	-6958.1
288	9.6	44238.5	-6931.8	378	20.0	52831.0	-6914.0	468	9.3	54000.5	-6933.1	558	10.0	60150.5	-6908.8
289	8.8	44307.5	-6918.4	379	20.0	52832.0	-6915.1	469	10.2	54000.5	-6917.2	559	10.0	60215.0	-6920.1
290	9.6	44956.0	-6940.0	380	9.6	52840.0	-6936.7	470	10.1	54011.0	-6920.2	560	10.0	60230.0	-6910.1
291	9.7	44959.5	-6924.1	381	9.6	52841.0	-6936.2	471	10.1	54013.0	-6934.2	561	9.5	60258.0	-6930.8
292	9.4	45011.5	-6955.0	382	9.6	52843.0	-6907.8	472	10.0	54020.5	-6915.2	562	9.4	60349.5	-6939.6
293	9.5	45052.5	-6953.0	383	20.0	52914.0	-6914.1	473	9.5	54029.5	-6930.8	563	8.9	60353.5	-6925.2
294	9.7	45111.0	-6944.0	384	8.7	53111.0	-6952.4	474	10.2	54047.0	-6948.1	564	10.0	60443.5	-6937.2
295	9.7	45136.0	-6938.1	385	9.4	53119.0	-6924.9	475	9.9	54049.2	-6942.2	565	9.5	60453.5	-6941.8
296	9.6	45139.0	-6938.1	386	9.6	53124.5	-6914.4	476	10.2	54106.0	-6947.5	566	9.7	60533.5	-6950.4
297	9.6	45147.0	-6946.9	387	9.6	53142.0	-6908.2	477	10.2	54110.5	-6943.2	567	10.0	60554.0	-6920.7
298	9.6	45205.5	-6924.0	388	9.4	53150.5	-6936.6	478	10.1	54112.0	-6926.2	568	9.5	60608.5	-6917.1
299	9.4	45242.5	-6937.6	389	9.4	53250.2	-6958.2	479	10.1	54112.5	-6927.5	569	9.5	60617.0	-6901.0
300	8.6	45308.0	-6936.3	390	9.6	53252.5	-6914.8	480	10.2	54115.5	-6938.2	570	9.1	60648.0	-6953.9
301	9.5	45314.2	-6900.3	391	9.4	53323.0	-6918.0	481	9.5	54117.2	-6943.5	571	8.6	60656.5	-6926.5
302	9.6	45444.0	-6923.7	392	10.0	53536.5	-6951.4	482	10.1	54119.0	-6931.6	572	8.4	60716.5	-6914.1
303	9.6	45455.0	-6924.3	393	10.0	53539.5	-6950.6	483	9.8	54119.5	-6934.4	573	10.0	60840.5	-6907.9
304	9.6	45503.0	-6940.9	394	10.0	53541.5	-6950.1	484	9.9	54121.0	-6935.2	574	9.2	60844.0	-6919.1
305	9.2	45510.5	-6941.1	395	10.0	53541.5	-6933.4	485	10.0	54121.5	-6918.0	575	9.0	60856.5	-6939.7
306	9.6	45557.0	-6937.3	396	8.2	53543.5	-6932.8	486	10.1	54126.0	-6940.1	576	10.2	60902.5	-6940.0
307	9.6	45621.5	-6938.3	397	10.0	53545.5	-6949.4	487	9.4	54133.5	-6900.1	577	10.2	60912.0	-6908.8
308	9.4	45707.0	-6901.0	398	10.0	53602.5	-6948.4	488	10.2	54135.0	-6922.6	578	9.2	60931.0	-6951.2
309	9.5	45713.0	-6935.2	399	9.5	53610.2	-6949.4	489	9.4	54136.3	-6955.1	579	9.2	61218.5	-6913.7
310	9.5	45759.0	-6902.0	400	10.2	53621.5	-6918.2	490	9.9	54137.0	-6936.9	580	7.4	61230.0	-6943.5
311	9.6	45812.5	-6950.0	401	9.5	53621.7	-6945.0	491	10.1	54145.5	-6920.2	581	10.0	61304.0	-6912.2
312	9.5	45819.5	-6911.3	402	10.2	53622.5	-6920.5	492	10.1	54146.5	-6946.6	582	7.8	61335.0	-6912.1
313	9.4	45830.0	-6951.0	403	9.8	53622.5	-6931.3	493	9.7	54148.0	-6914.1	583	9.7	61356.0	-6944.6
314	20.0	45838.5	-6934.7	404	10.0	53629.5	-6946.1	494	10.1	54151.0	-6932.7	584	9.0	61403.0	-6920.0
315	9.2	45904.5	-6915.4	405	9.7	53635.0	-6907.1	495	9.5	54154.5	-6918.8	585	9.7	61454.0	-6957.8
316	9.6	45959.5	-6939.9	406	9.8	53648.5	-6914.0	496	9.9	54157.0	-6923.9	586	9.5	61524.0	-6905.8
317	9.6	50003.5	-6946.7	407	10.1	53651.0	-6955.6	497	10.1	54211.5	-6940.1	587	9.0	61551.0	-6905.2
318	9.6	50024.0	-6928.3	408	9.5	53651.0	-6933.5	498	9.8	54212.5	-6908.3	588	9.3	61556.5	-6909.7
319	9.5	50033.5	-6904.3	409	9.4	53653.5	-6916.0	499	9.5	54223.8	-6937.3	589	9.7	61605.0	-6913.1
320	8.5	50114.0	-6931.6	410	10.0	53656.5	-6934.9	500	10.1	54225.0	-6939.6	590	8.0	61732.5	-6901.6
321	8.5	50224.5	-6940.1	411	10.2	53657.0	-6947.8	501	10.1	54227.5	-6922.8	591	10.2	61831.0	-6911.1
322	9.6	50225.5	-6909.8	412	9.5	53658.0	-6900.0	502	10.2	54230.0	-6928.1	592	10.0	61832.5	-6908.3
323	9.6	50309.5	-6923.3	413	10.1	53700.5	-6916.0	503	9.7	54236.5	-6951.3	593	7.8	61914.0	-6906.2
324	9.6	50312.5	-6930.1	414	9.4	53703.5	-6928.3	504	10.0	54236.5	-6937.0	594	10.2	61956.0	-6900.2
325	9.6	50330.0	-6930.5	415	10.0	53704.0	-6916.0	505	10.0	54255.5	-6915.8	595	9.8	62000.8	-6956.0
326	9.6	50452.5	-6954.8	416	10.1	53711.0	-6915.2	506	9.9	54302.5	-6916.1	596	10.0	62000.8	-6912.5
327	8.8	50531.5	-6903.9	417	10.0	53713.5	-6911.0	507	10.0	54304.0	-6904.9	597	10.0	62013.3	-6906.3

-69 598 6h20m

598 7.2	62021.3 -6943.7	688 10.3	70450.5 -6957.6
599 10.1	62039.5 -6923.3	689 10.0	70455.0 -6904.6
600 10.0	62055.5 -6932.0	690 10.3	70506.0 -6952.9
601 10.0	62104.0 -6916.4	691 10.4	70524.0 -6911.3
602 10.0	62119.5 -6928.0	692 10.3	70545.0 -6909.6
603 10.0	62250.0 -6922.9	693 10.3	70551.0 -6935.1
604 9.2	62300.0 -6912.3	694 10.4	70558.0 -6914.8
605 10.1	62314.5 -6936.5	695 10.4	70708.0 -6911.7
606 10.0	62343.0 -6901.9	696 9.8	70735.7 -6921.9
607 7.6	62349.0 -6955.0	697 10.3	70745.0 -6901.5
608 10.0	62352.5 -6906.0	698 10.4	70749.5 -6914.9
609 9.2	62431.0 -6922.8	699 10.0	70758.5 -6944.9
610 9.6	62540.0 -6916.9	700 10.3	70820.5 -6950.9
611 10.0	62554.0 -6913.9	701 10.3	70902.5 -6908.9
612 10.1	62602.5 -6907.9	702 9.9	71025.0 -6947.8
613 9.9	62605.5 -6928.2	703 10.4	71046.0 -6903.9
614 6.9	62632.0 -6937.1	704 9.8	71126.0 -6937.9
615 10.1	62705.5 -6901.9	705 7.8	71210.0 -6954.6
616 10.1	62713.0 -6902.9	706 10.4	71240.5 -6944.7
617 10.0	62733.5 -6937.0	707 10.4	71241.0 -6900.0
618 9.9	62750.0 -6951.9	708 10.2	71312.0 -6930.3
619 9.2	62759.5 -6912.1	709 9.9	71402.5 -6917.9
620 10.0	62830.5 -6912.0	710 10.3	71433.5 -6921.5
621 9.6	62844.5 -6953.3	711 9.2	71501.5 -6938.8
622 10.0	62852.0 -6905.4	712 10.4	71530.5 -6906.4
623 10.1	62924.5 -6908.2	713 10.0	71550.0 -6902.9
624 9.4	62957.5 -6954.2	714 9.6	71646.5 -6948.4
625 10.0	62958.5 -6939.4	715 8.4	71909.0 -6905.6
626 9.6	63011.5 -6931.9	716 10.4	71920.0 -6920.9
627 10.0	63040.5 -6916.9	717 10.4	71924.0 -6911.3
628 9.9	63105.5 -6917.0	718 10.4	71935.5 -6931.0
629 10.0	63129.5 -6941.0	719 7.7	72019.0 -6958.2
630 9.4	63145.0 -6956.8	720 10.4	72030.0 -6932.6
631 10.0	63225.5 -6930.8	721 9.6	72055.0 -6930.9
632 10.0	63253.0 -6903.4	722 10.0	72102.5 -6914.7
633 10.0	63434.5 -6937.2	723 9.4	72105.0 -6955.8
634 9.0	63546.0 -6946.8	724 9.2	72120.0 -6912.6
635 9.0	63553.0 -6940.4	725 9.8	72319.0 -6929.8
636 10.0	63605.0 -6930.0	726 9.8	72325.5 -6908.9
637 10.1	63627.0 -6929.9	727 10.2	72326.0 -6911.4
638 8.0	63655.2 -6959.3	728 8.8	72330.0 -6950.8
639 9.2	63754.0 -6919.9	729 10.4	72344.0 -6944.0
640 10.0	63757.7 -6958.9	730 10.3	72349.5 -6907.6
641 10.1	63819.5 -6925.9	731 9.5	72511.0 -6952.6
642 9.7	63923.2 -6958.8	732 10.4	72540.0 -6901.4
643 9.4	63932.0 -6947.9	733 9.4	72557.5 -6906.9
644 10.0	64141.5 -6912.9	734 10.0	72635.0 -6900.9
645 10.0	64142.0 -6910.7	735 10.4	72651.5 -6953.7
646 9.8	64211.0 -6958.5	736 7.7	72711.0 -6919.1
647 10.0	64228.5 -6952.9	737 8.0	72730.0 -6915.5
648 9.7	64252.5 -6919.8	738 9.7	72732.0 -6902.8
649 7.6	64303.5 -6934.7	739 10.3	72743.0 -6956.2
650 9.4	64310.0 -6911.0	740 10.3	72855.0 -6930.8
651 10.0	64322.5 -6941.9	741 10.4	72911.0 -6935.5
652 8.4	64355.0 -6910.0	742 10.2	72943.5 -6958.5
653 10.1	64441.5 -6944.7	743 8.5	72949.0 -6939.1
654 10.1	64524.5 -6921.2	744 9.0	72952.0 -6911.5
655 10.1	64537.5 -6958.9	745 10.2	73139.0 -6939.1
656 10.1	64555.5 -6956.4	746 9.9	73257.5 -6926.6
657 10.1	64608.0 -6900.9	747 10.4	73304.0 -6933.1
658 9.2	64610.0 -6923.2	748 9.2	73414.5 -6936.9
659 10.1	64809.5 -6910.2	749 10.0	73455.0 -6949.8
660 9.2	64834.5 -6909.1	750 10.4	73509.0 -6916.8
661 10.1	64840.0 -6925.5	751 8.0	73522.0 -6952.1
662 9.4	65033.5 -6910.8	752 8.0	73540.0 -6957.9
663 9.4	65038.5 -6950.0	753 9.6	73659.0 -6935.3
664 10.0	65109.0 -6901.9	754 10.3	73731.0 -6917.8
665 7.7	65127.5 -6950.0	755 9.8	73751.0 -6918.8
666 10.1	65128.0 -6938.9	756 10.2	73801.5 -6915.4
667 10.1	65133.5 -6948.4	757 8.0	73829.5 -6946.8
668 9.2	65238.0 -6915.7	758 8.2	73843.2 -6902.3
669 9.0	65238.5 -6928.2	759 8.9	73859.0 -6944.1
670 9.0	65402.5 -6954.3	760 9.8	73913.5 -6931.8
671 9.2	65446.5 -6905.0	761 9.2	73940.0 -6939.1
672 8.7	65542.5 -6952.3	762 10.2	73956.2 -6959.6
673 9.7	65543.0 -6957.9	763 8.4	74029.0 -6910.4
674 10.0	65614.0 -6950.3	764 8.2	74055.0 -6933.0
675 10.0	65631.0 -6936.9	765 9.5	74059.0 -6915.5
676 9.4	65632.0 -6930.8	766 9.7	74121.0 -6913.7
677 10.1	65717.0 -6934.3	767 9.5	74238.5 -6908.7
678 9.8	65729.0 -6911.0	768 7.8	74345.5 -6945.5
679 9.8	65729.5 -6927.5	769 10.3	74415.0 -6931.5
680 9.6	65807.0 -6911.0	770 6.0	74433.5 -6930.9
681 10.1	65815.0 -6903.0	771 8.4	74434.0 -6912.5
682 8.6	65855.5 -6912.4	772 8.8	74450.0 -6905.7
683 10.1	65905.5 -6958.5	773 10.4	74544.0 -6925.7
684 9.7	70004.0 -6933.4	774 10.3	74545.0 -6926.0
685 9.6	70018.5 -6936.8	775 8.0	74613.0 -6911.3
686 9.0	70041.5 -6937.8	776 10.4	74617.5 -6955.4
687 9.2	70450.0 -6929.7	777 10.3	74644.0 -6922.9

-69 957 8h41m

778 8.6	74734.0 -6923.3	868 9.6	81337.0 -6934.3
779 10.3	74858.5 -6948.5	869 9.6	81407.0 -6915.2
780 10.0	74920.5 -6930.1	870 10.0	81431.0 -6904.0
781 9.4	74949.0 -6928.4	871 10.0	81437.5 -6903.6
782 9.5	74959.0 -6908.3	872 8.0	81437.5 -6914.2
783 9.6	75031.3 -6903.8	873 10.0	81500.0 -6951.0
784 10.0	75042.5 -6923.1	874 10.0	81508.5 -6952.2
785 10.0	75054.5 -6932.0	875 10.0	81602.0 -6903.0
786 10.0	75056.0 -6927.1	876 10.0	81620.5 -6905.0
787 10.0	75109.0 -6913.9	877 8.8	81636.0 -6951.0
788 10.0	75114.5 -6908.6	878 9.1	81646.5 -6923.4
789 8.4	75117.5 -6946.0	879 9.2	81701.0 -6904.4
790 9.6	75124.2 -6904.0	880 10.0	81715.5 -6914.9
791 9.6	75147.2 -6954.5	881 8.4	81727.0 -6913.3
792 9.6	75306.5 -6906.0	882 9.7	81731.0 -6917.9
793 10.0	75319.0 -6900.6	883 9.6	81739.5 -6918.7
794 10.0	75341.0 -6942.6	884 10.0	81749.0 -6904.0
795 9.5	75348.0 -6906.0	885 9.6	81750.0 -6948.0
796 10.0	75352.5 -6945.8	886 9.8	81755.5 -6932.2
797 10.0	75354.0 -6922.0	887 10.0	81755.5 -6943.1
798 10.0	75355.5 -6926.0	888 9.8	81800.0 -6912.0
799 9.9	75449.5 -6920.6	889 10.0	81833.0 -6936.0
800 10.0	75524.5 -6940.0	890 9.6	81856.5 -6947.0
801 8.8	75624.5 -6918.8	891 10.0	81907.0 -6939.0
802 10.0	75625.0 -6958.9	892 9.6	81941.5 -6905.0
803 10.0	75653.0 -6935.6	893 10.0	82005.0 -6936.0
804 10.0	75728.0 -6945.0	894 9.4	82030.0 -6950.6
805 9.9	75730.0 -6903.0	895 9.4	82035.0 -6904.9
806 10.0	75733.0 -6954.9	896 10.0	82118.0 -6934.0
807 9.1	75801.0 -6955.2	897 9.1	82123.5 -6904.3
808 9.5	75822.0 -6931.4	898 10.0	82226.5 -6959.9
809 9.4	75904.5 -6920.2	899 9.5	82246.5 -6945.0
810 9.6	75917.5 -6920.6	900 10.0	82254.0 -6914.5
811 9.8	75932.0 -6906.6	901 10.0	82312.5 -6934.6
812 9.7	75935.0 -6927.6	902 8.1	82314.5 -6950.6
813 10.0	75939.0 -6940.0	903 10.0	82316.0 -6944.0
814 10.0	75950.0 -6945.9	904 10.0	82323.0 -6917.4
815 9.2	80011.5 -6916.2	905 9.1	82323.0 -6942.6
816 8.4	80031.5 -6950.0	906 10.0	82334.0 -6912.9
817 9.8	80101.5 -6908.2	907 9.2	82340.0 -6917.1
818 9.8	80111.0 -6959.9	908 9.9	82420.3 -6900.5
819 10.0	80114.5 -6916.3	909 10.0	82422.0 -6926.0
820 8.3	80141.0 -6940.5	910 9.1	82422.5 -6944.8
821 8.8	80200.0 -6940.5	911 9.2	82426.0 -6958.0
822 8.6	80211.0 -6925.3	912 10.0	82429.5 -6945.6
823 9.5	80245.5 -6929.1	913 8.3	82458.0 -6926.3
824 9.2	80304.5 -6940.4	914 10.0	82505.5 -6951.8
825 10.0	80321.5 -6901.0	915 9.6	82541.0 -6937.4
826 6.9	80326.0 -6937.0	916 10.0	82548.5 -6939.6
827 9.2	80335.5 -6941.9	917 8.8	82634.5 -6919.8
828 10.0	80346.0 -6937.3	918 9.6	82656.5 -6933.6
829 7.4	80404.2 -6958.8	919 5.7	82657.0 -6940.6
830 10.0	80413.5 -6920.0	920 10.0	82718.5 -6906.0
831 9.6	80413.5 -6912.4	921 9.7	82803.2 -6958.7
832 10.0	80422.0 -6914.0	922 10.0	82821.0 -6937.6
833 10.0	80441.0 -6951.8	923 9.9	82835.5 -6929.2
834 9.8	80458.5 -6942.0	924 10.0	82946.5 -6929.0
835 9.9	80521.0 -6903.0	925 9.5	83005.5 -6947.0
836 10.0	80526.5 -6930.9	926 9.8	83005.5 -6954.0
837 10.0	80528.0 -6955.8	927 9.2	83103.2 -6902.4
838 8.6	80531.0 -6930.0	928 10.0	83109.5 -6916.0
839 10.0	80543.5 -6952.0	929 10.0	83138.0 -6940.0
840 9.4	80600.5 -6905.1	930 10.0	83139.0 -6928.0
841 8.6	80601.5 -6911.8	931 9.6	83155.0 -6932.0
842 10.0	80615.0 -6923.4	932 9.4	83159.0 -6901.0
843 10.0	80650.5 -6936.0	933 10.0	83240.5 -6920.0
844 10.0	80658.5 -6912.4	934 8.7	83303.0 -6940.8
845 10.0	80704.0 -6937.0	935 10.0	83346.7 -6943.9
846 9.7	80722.0 -6942.2	936 9.8	83351.5 -6952.0
847 7.8	80751.0 -6931.9	937 9.0	83432.2 -6926.1
848 9.9	80804.5 -6944.0	938 10.0	83525.0 -6900.0
849 10.0	80813.0 -6943.3	939 9.6	83630.5 -6937.9
850 9.5	80835.5 -6901.7	940 10.1	83638.0 -6908.4
851 9.6	80842.5 -6908.2	941 10.0	83642.3 -6947.7
852 10.0	80948.0 -6953.0	942 10.0	83703.0 -6930.2
853 9.7	81003.0 -6922.0	943 9.0	83709.5 -6913.4
854 9.7	81007.5 -6903.0	944 10.0	83710.2 -6929.4
855 10.0	81017.0 -6918.8	945 10.0	83710.4 -6956.7
856 10.0	81018.0 -6930.8	946 5.5	83835.2 -6956.5
857 9.1	81018.5 -6921.0	947 10.1	83854.2 -6905.2
858 9.3	81038.0 -6914.5	948 9.7	83909.7 -6957.5
859 10.0	81106.0 -6923.8	949 9.6	83926.9 -6912.7
860 10.0	81112.0 -6928.2	950 10.1	83929.1 -6959.6
861 9.6	81115.5 -6928.0	951 9.8	84020.2 -6931.0
862 8.6	81134.5 -6920.0	952 10.0	84021.7 -6923.0
863 10.0	81143.0 -6929.8	953 9.5	84022.5 -6915.0
864 8.4	81154.0 -6922.2	954 9.9	84027.7 -6907.5
865 10.0	81224.5 -6957.5	955 9.7	84102.2 -6908.1
866 9.6	81249.5 -6906.0	956 9.9	84102.2 -6920.0
867 9.8	81336.5 -6944.2	957 9.7	84119.0 -6945.6

-69 958 8h41m

-69 1317 10h33m

958	9.4	84123.9	-6903.0	1048	9.4	92041.5	-6934.0	1138	7.9	95816.0	-6912.2	1228	9.8	101912.5	-6954.1
959	10.0	84405.7	-6941.2	1049	9.5	92045.5	-6943.0	1139	9.6	95852.5	-6915.0	1229	9.1	101920.5	-6954.0
960	9.7	84432.7	-6950.0	1050	9.1	92052.0	-6948.0	1140	9.6	95913.0	-6936.2	1230	9.4	101944.5	-6927.9
961	9.5	84610.2	-6937.5	1051	9.4	92101.0	-6911.9	1141	9.4	95913.0	-6943.6	1231	9.8	101951.5	-6906.5
962	9.7	84619.7	-6951.6	1052	9.6	92127.0	-6941.9	1142	9.3	95957.0	-6901.1	1232	9.9	102021.5	-6945.5
963	9.4	84648.7	-6953.9	1053	9.3	92140.0	-6924.0	1143	9.2	100123.0	-6929.9	1233	9.8	102026.5	-6945.0
964	9.6	84700.7	-6924.4	1054	9.6	92213.0	-6942.8	1144	9.0	100144.0	-6926.0	1234	9.8	102032.5	-6953.2
965	10.0	84711.7	-6907.0	1055	9.6	92245.7	-6911.0	1145	9.6	100249.0	-6946.9	1235	8.4	102056.5	-6917.0
966	9.0	84738.7	-6957.1	1056	8.0	92300.2	-6932.0	1146	9.0	100300.0	-6958.9	1236	9.9	102059.0	-6938.1
967	9.7	84840.2	-6907.5	1057	7.4	92305.7	-6952.2	1147	9.3	100335.5	-6943.0	1237	9.7	102109.5	-6901.2
968	9.5	84908.2	-6939.6	1058	9.2	92315.0	-6926.4	1148	9.6	100428.0	-6902.0	1238	9.8	102122.0	-6909.2
969	9.7	84908.2	-6949.6	1059	8.6	92345.5	-6952.1	1149	8.8	100438.5	-6928.1	1239	9.3	102122.5	-6930.1
970	10.1	84931.2	-6920.6	1060	9.0	92348.8	-6905.8	1150	9.6	100507.5	-6941.5	1240	9.4	102135.0	-6902.5
971	9.7	84949.7	-6939.5	1061	9.6	92403.7	-6925.1	1151	9.5	100507.5	-6959.0	1241	9.5	102156.5	-6942.2
972	10.1	85037.7	-6911.0	1062	9.4	92404.5	-6925.1	1152	9.8	100524.5	-6939.3	1242	9.5	102209.0	-6927.1
973	9.6	85038.2	-6905.3	1063	9.5	92431.2	-6954.0	1153	9.5	100548.5	-6905.0	1243	9.6	102209.5	-6913.9
974	10.0	85054.0	-6902.5	1064	9.5	92432.5	-6935.9	1154	9.6	100605.5	-6944.0	1244	9.8	102216.5	-6908.7
975	9.8	85150.2	-6916.0	1065	9.6	92509.7	-6942.2	1155	8.4	100622.5	-6945.0	1245	9.7	102220.5	-6948.8
976	7.5	85153.2	-6921.2	1066	9.5	92520.5	-6953.0	1156	9.0	100704.5	-6936.8	1246	9.8	102311.0	-6903.0
977	10.1	85232.2	-6902.1	1067	9.4	92520.5	-6935.8	1157	9.3	100706.7	-6955.4	1247	9.2	102311.0	-6901.3
978	10.1	85242.7	-6925.3	1068	9.5	92522.5	-6912.9	1158	9.8	100718.5	-6948.2	1248	9.8	102316.5	-6917.1
979	9.9	85250.1	-6959.6	1069	9.3	92525.0	-6917.6	1159	9.8	100736.5	-6911.1	1249	9.5	102323.5	-6921.9
980	10.1	85345.2	-6946.8	1070	8.6	92532.0	-6925.0	1160	9.8	100749.0	-6955.9	1250	9.4	102326.0	-6941.9
981	10.1	85358.2	-6945.0	1071	9.1	92533.8	-6906.6	1161	9.8	100751.5	-6902.5	1251	8.2	102332.5	-6914.8
982	8.9	85435.7	-6937.0	1072	9.6	92609.5	-6953.5	1162	9.4	100757.0	-6958.4	1252	9.2	102340.5	-6905.0
983	9.6	85452.7	-6947.3	1073	9.2	92630.8	-6907.1	1163	8.6	100757.7	-6902.4	1253	9.9	102351.5	-6943.5
984	10.1	85452.7	-6916.8	1074	9.4	92742.0	-6907.8	1164	8.6	100812.5	-6902.9	1254	9.9	102418.5	-6916.7
985	9.7	85454.7	-6949.0	1075	9.3	92801.5	-6958.2	1165	9.8	100824.5	-6916.4	1255	9.8	102420.5	-6926.0
986	9.7	85459.7	-6945.0	1076	9.5	92804.0	-6927.9	1166	9.8	100825.5	-6959.1	1256	9.9	102421.5	-6917.0
987	9.9	85532.7	-6946.9	1077	9.4	92858.0	-6927.0	1167	9.9	100836.5	-6922.1	1257	9.4	102446.0	-6945.1
988	10.0	85611.2	-6916.0	1078	9.1	93002.0	-6922.6	1168	8.4	100847.5	-6905.1	1258	8.6	102450.5	-6946.1
989	9.6	85616.7	-6953.1	1079	7.1	93002.5	-6954.9	1169	9.9	100848.5	-6904.9	1259	9.8	102501.5	-6951.5
990	7.8	85618.7	-6909.5	1080	9.6	93025.0	-6942.1	1170	9.9	100908.0	-6926.2	1260	9.7	102516.5	-6933.7
991	8.6	85621.2	-6920.4	1081	9.5	93053.5	-6925.3	1171	9.7	100924.5	-6905.8	1261	9.7	102520.5	-6933.9
992	10.0	85645.2	-6914.0	1082	9.6	93109.5	-6924.1	1172	9.0	100945.2	-6912.2	1262	9.8	102522.5	-6931.1
993	10.0	85759.2	-6939.1	1083	8.5	93118.0	-6910.6	1173	9.6	101004.5	-6920.5	1263	9.9	102530.5	-6958.1
994	10.0	85814.7	-6929.5	1084	8.5	93120.5	-6902.5	1174	9.9	101014.5	-6914.6	1264	9.4	102536.5	-6912.9
995	9.6	85853.2	-6925.9	1085	8.4	93132.0	-6908.0	1175	9.4	101016.7	-6956.5	1265	9.7	102536.5	-6927.4
996	9.9	85859.7	-6914.0	1086	9.6	93142.0	-6933.8	1176	9.4	101024.7	-6944.7	1266	8.7	102539.5	-6914.4
997	8.2	85929.2	-6940.4	1087	9.3	93153.0	-6908.0	1177	9.4	101035.0	-6911.0	1267	9.8	102559.5	-6906.1
998	8.6	85939.2	-6916.7	1088	9.5	93235.0	-6900.6	1178	4.2	101044.8	-6925.0	1268	9.8	102600.5	-6925.0
999	10.0	85954.7	-6930.0	1089	9.5	93312.5	-6959.6	1179	9.9	101051.5	-6911.3	1269	9.8	102601.5	-6941.4
1000	10.1	90035.7	-6901.8	1090	9.6	93344.5	-6949.6	1180	8.9	101051.5	-6909.5	1270	9.4	102607.0	-6919.4
1001	9.9	90038.7	-6933.9	1091	9.6	93353.5	-6929.0	1181	9.8	101101.5	-6956.1	1271	9.8	102616.0	-6928.8
1002	8.8	90041.2	-6928.6	1092	9.2	93435.5	-6913.4	1182	9.8	101103.5	-6903.0	1272	9.8	102633.0	-6952.0
1003	9.0	90121.0	-6944.9	1093	9.6	93504.5	-6913.4	1183	9.0	101122.5	-6901.1	1273	8.3	102633.0	-6935.2
1004	10.1	90313.0	-6942.0	1094	9.6	93625.0	-6923.3	1184	9.8	101130.5	-6953.3	1274	9.6	102635.0	-6936.8
1005	8.7	90345.0	-6905.9	1095	8.8	93707.5	-6918.1	1185	9.8	101134.0	-6915.1	1275	9.2	102646.0	-6912.8
1006	9.5	90345.0	-6957.0	1096	9.6	93709.0	-6913.4	1186	9.7	101136.5	-6910.1	1276	9.9	102647.5	-6905.5
1007	9.6	90412.5	-6909.6	1097	9.6	93713.5	-6909.1	1187	9.8	101158.0	-6914.1	1277	9.4	102655.0	-6944.1
1008	10.1	90423.5	-6932.2	1098	8.6	93834.5	-6943.0	1188	9.7	101206.5	-6933.0	1278	9.9	102702.5	-6945.8
1009	7.8	90435.5	-6904.3	1099	9.0	93840.5	-6903.0	1189	8.1	101208.0	-6901.1	1279	9.8	102713.5	-6902.2
1010	10.1	90458.0	-6942.0	1100	9.6	93902.0	-6921.4	1190	8.8	101227.0	-6925.1	1280	9.4	102718.0	-6944.1
1011	8.8	90459.0	-6943.6	1101	9.4	93946.0	-6917.0	1191	8.2	101238.0	-6938.4	1281	9.7	102722.5	-6918.3
1012	10.0	90504.0	-6909.8	1102	8.8	93956.5	-6900.8	1192	9.9	101244.0	-6928.4	1282	9.9	102741.5	-6927.0
1013	10.0	90520.0	-6911.3	1103	9.6	93959.5	-6932.8	1193	9.8	101250.5	-6942.4	1283	9.2	102748.5	-6931.9
1014	10.0	90540.0	-6912.0	1104	8.8	94051.0	-6948.4	1194	9.9	101252.5	-6948.1	1284	9.8	102802.5	-6909.1
1015	10.1	90704.5	-6955.0	1105	9.2	94123.5	-6942.1	1195	9.9	101300.5	-6952.1	1285	9.8	102806.5	-6906.0
1016	9.7	90713.5	-6912.4	1106	8.6	94127.0	-6908.3	1196	9.2	101310.0	-6945.8	1286	9.9	102819.5	-6959.1
1017	10.1	90814.0	-6916.0	1107	9.1	94132.5	-6913.7	1197	9.8	101317.0	-6958.4	1287	9.4	102824.0	-6940.2
1018	9.6	90902.5	-6907.7	1108	8.0	94159.0	-6913.0	1198	9.9	101317.5	-6959.1	1288	8.2	102832.5	-6926.4
1019	9.0	90942.0	-6912.3	1109	9.0	94202.0	-6942.6	1199	9.8	101328.5	-6949.7	1289	9.7	102834.5	-6920.4
1020	10.1	91003.0	-6957.3	1110	9.3	94209.0	-6901.0	1200	9.9	101352.0	-6901.0	1290	9.8	102853.5	-6905.2
1021	10.0	91047.0	-6911.9	1111	9.6	94212.5	-6950.1	1201	9.9	101353.0	-6953.0	1291	9.7	102900.0	-6947.0
1022	9.6	91120.0	-6955.7	1112	7.3	94251.0	-6911.1	1202	7.9	101401.0	-6953.3	1292	9.4	102932.0	-6934.7
1023	3.4	91148.5	-6912.1	1113	9.4	94319.0	-6920.3	1203	9.8	101404.0	-6913.7	1293	9.7	102952.0	-6929.1
1024	10.1	91237.0	-6913.6	1114	9.2	94322.5	-6916.4	1204	9.5	101415.5	-6907.5	1294	9.8	103001.0	-6957.1
1025	10.1	91304.0	-6900.8	1115	7.3	94329.5	-6932.3	1205	9.9	101426.5	-6911.8	1295	9.5	103031.5	-6947.9
1026	9.4	91318.5	-6935.1	1116	9.0	94459.5	-6922.9	1206	9.4	101540.5	-6929.4	1296	9.7	103046.0	-6959.0
1027	8.8	91329.0	-6920.8	1117	9.5	94509.0	-6955.4	1207	9.9	101542.5	-6925.7	1297	9.7	103049.5	-6931.5
1028	8.8	91346.5	-6935.7	1118	9.6	94520.5	-6932.5	1208	9.2	101557.5	-6949.3	1298	9.6	103100.5	-6933.6
1029	9.0	91408.0	-6958.6	1119	9.6	94521.5	-6927.8	1209	9.3	101559.0	-6938.0	1299	9.2	103101.5	-6942.2
1030	8.2	91436.5	-6907.1	1120	9.6	94528.0	-6914.4	1210	9.7	101602.5	-6938.7	1300	9.6	103102.0	-6917.8
1031	9.6	91501.0	-6943.0	1121	9.5	94531.0	-6932.9	1211	9.8	101615.5	-6908.0	1301	9.8	103120.5	-6925.1
1032	9.6	91535.0	-6908.2	1122	9.1	94541.0	-6921.3	1212	9.2	101615.5	-6917.1	1302	9.5	103122.5	-6935.1
1033	8.5	91536.0	-6906.0	1123	9.1	94545.0	-6921.9	1213	9.9	101619.0	-6947.3	1303	9.9	103124.0	-6951.7
1034	8.4	91604.0	-6951.7	1124	9.5	94652.0	-6939.1	1214	9.4	101639.0	-6949.0	1304	7.9	103137.0	-6958.1
1035	7.3	91624.0	-6916.5	1125	8.0	94656.0	-6929.2	1215	9.9	101650.5	-6921.4	1305	9.6	103141.0	-6952.1
1036	10.1	91628.0	-6914.7	1126	9.3	94833.5	-6919.7	1216	9.7	101721.5	-6915.9	1306	7.8	103150.5	-6910.2
1037	9.0	91635.0	-6909.9	1127	8.6	94934.0	-6912.0	1217	9.8	101733.5	-6944.7	1307	9.8	103207.5	-6918.1
1038	10.0	91640.0	-6926.8	1128	7.2	95121.5	-6918.2	1218	9.9	101738.0	-6902.9	1308	9.8	103214.5	-6927.0
1039	9.7	91650.0	-6932.0	1129	8.9	95137.5	-6902.0	1219	9.6	101800.5	-6909.1	1309	9.4	103222.0	-6940.4
1040	10.0	91730.0	-6909.0	1130	9.6	95139.0	-6915.1	1220	9.7	101815.5	-6926.9	1310	9.8	103225.0	-6940.8
1041	10.0	91805.0	-6906.2	1131	9.4	95141.5	-6917.0	1221	9.7	101817.0	-6952.5	1311	9.7	103227.0	-6904.0
1042	9.4	91820.0	-6930.0	1132	9.6	95148.5	-6903.8	1222	9.8	101831.5	-6927.1	1312	9.8	103232.5	-6946.8
1043	9.6	91835.5	-6907.0	1133	8.5	95321.5	-6925.4	1223	9.8	101836.5	-6912.5	1313	9.9	103236.5	-6909.8
1044	10.1	91850.0	-6921.2	1134	9.6	95443.0	-6959.3	1224	9.9	101837.0	-6937.3	1314	9.4	103239.0	-6930.3
1045	9.7	91853.5	-6926.1	1135	9.6	95623.0	-6914.3	1225	9.2	101842.0	-6927.0	1315	8.5	103257.5	-6955.8
1046	9.6	91956.5	-6906.3	1136	9.2	95706.5	-6907.1	1226	9.2	101852.5	-6957.7	1316	8.4	103343.0	-6947.0
1047	9.2	91959.8	-6930.0	1137	9.1	95745.5	-6927.9	1227	9.4	101907.5	-6900.7	1317	9.7	103354.0	-6952.8

-69 1318 10h34m

-69 1677 12h27m

1318	9.7	103407.0	-6915.3	1408	9.9	104721.5	-6907.0	1498	9.2	110821.5	-6926.0
1319	9.6	103407.5	-6920.8	1409	9.6	104728.5	-6907.9	1499	9.6	110846.0	-6924.6
1320	8.7	103407.5	-6959.2	1410	9.7	104731.0	-6913.0	1500	7.7	110847.2	-6957.4
1321	9.8	103428.5	-6931.1	1411	9.5	104733.5	-6942.1	1501	7.6	111000.0	-6940.7
1322	9.4	103449.0	-6919.6	1412	9.8	104734.0	-6933.4	1502	9.6	111007.8	-6902.0
1323	7.4	103450.0	-6939.6	1413	9.8	104738.0	-6902.9	1503	9.6	111013.0	-6946.0
1324	9.8	103509.0	-6906.5	1414	9.8	104745.0	-6916.0	1504	9.5	111024.0	-6908.1
1325	9.7	103517.5	-6928.4	1415	9.8	104752.0	-6904.6	1505	9.2	111026.0	-6946.0
1326	9.7	103546.5	-6918.9	1416	9.8	104758.5	-6935.1	1506	9.6	111044.0	-6932.0
1327	9.6	103547.5	-6945.5	1417	9.6	104759.0	-6950.0	1507	9.6	111058.5	-6918.0
1328	9.3	103548.0	-6922.0	1418	8.8	104807.0	-6914.0	1508	9.6	111100.0	-6914.0
1329	9.8	103552.5	-6933.5	1419	9.9	104812.5	-6948.8	1509	9.6	111133.0	-6944.4
1330	9.9	103557.5	-6925.5	1420	9.8	104813.0	-6946.0	1510	7.5	111136.0	-6913.4
1331	9.8	103607.5	-6907.3	1421	9.9	104817.5	-6955.3	1511	9.6	111143.0	-6945.9
1332	9.4	103607.5	-6923.6	1422	9.8	104835.5	-6917.0	1512	9.6	111158.5	-6923.9
1333	9.5	103622.5	-6915.3	1423	9.8	104841.0	-6911.1	1513	8.9	111224.0	-6924.1
1334	9.8	103633.5	-6929.0	1424	9.7	104855.0	-6906.7	1514	9.4	111232.0	-6928.4
1335	9.6	103635.5	-6927.6	1425	9.8	104856.5	-6950.1	1515	9.2	111233.0	-6925.6
1336	9.7	103637.5	-6928.5	1426	9.8	104903.5	-6939.1	1516	9.2	111254.0	-6959.0
1337	9.9	103644.5	-6928.6	1427	9.8	104908.0	-6953.1	1517	9.2	111259.0	-6912.9
1338	9.8	103721.5	-6901.5	1428	9.8	104912.5	-6915.8	1518	9.2	111305.0	-6902.4
1339	9.8	103727.0	-6913.8	1429	9.2	104921.0	-6959.0	1519	9.2	111305.0	-6910.8
1340	9.6	103732.0	-6901.6	1430	9.4	104922.5	-6916.7	1520	9.6	111305.5	-6910.0
1341	9.9	103734.5	-6953.9	1431	9.5	104938.5	-6928.4	1521	9.0	111335.0	-6941.0
1342	9.0	103734.5	-6902.5	1432	9.6	104941.0	-6922.2	1522	9.3	111350.5	-6931.4
1343	9.6	103740.0	-6931.0	1433	9.8	104956.0	-6903.7	1523	9.6	111356.5	-6938.8
1344	9.8	103746.5	-6932.2	1434	9.5	105000.5	-6934.0	1524	9.6	111359.0	-6911.9
1345	9.9	103753.5	-6952.9	1435	9.4	105005.5	-6931.8	1525	9.2	111401.0	-6948.4
1346	9.8	103810.5	-6919.1	1436	8.5	105019.5	-6923.2	1526	9.5	111401.5	-6942.2
1347	9.6	103816.5	-6911.9	1437	9.8	105032.5	-6912.2	1527	9.6	111432.5	-6929.0
1348	9.8	103832.5	-6922.3	1438	9.8	105038.0	-6910.2	1528	9.6	111434.0	-6949.7
1349	9.4	103833.5	-6928.0	1439	9.8	105056.5	-6925.1	1529	9.3	111441.0	-6959.6
1350	9.6	103837.0	-6954.8	1440	9.2	105059.5	-6921.8	1530	9.4	111449.0	-6959.1
1351	9.4	103837.5	-6921.8	1441	9.1	105122.0	-6934.9	1531	8.1	111455.5	-6956.0
1352	9.8	103841.5	-6925.2	1442	9.2	105124.5	-6900.0	1532	9.2	111713.0	-6939.9
1353	9.2	103843.5	-6953.2	1443	9.6	105133.5	-6957.1	1533	9.0	111730.5	-6950.1
1354	9.4	103859.0	-6929.2	1444	9.4	105148.4	-6959.1	1534	8.5	111755.5	-6916.0
1355	9.8	103903.0	-6954.0	1445	9.7	105149.7	-6900.3	1535	9.2	111846.0	-6931.4
1356	9.8	103912.5	-6913.2	1446	9.8	105157.8	-6902.8	1536	9.2	111847.0	-6911.7
1357	9.8	103916.5	-6934.6	1447	8.6	105209.0	-6947.0	1537	8.8	111849.0	-6926.9
1358	9.4	103917.0	-6928.0	1448	9.6	105223.7	-6933.7	1538	9.5	111946.0	-6953.0
1359	9.8	103947.5	-6939.6	1449	9.8	105240.5	-6901.0	1539	8.8	111951.0	-6911.3
1360	9.8	104004.5	-6931.8	1450	9.4	105246.3	-6951.0	1540	9.2	112130.5	-6928.7
1361	9.6	104005.0	-6910.1	1451	9.8	105251.5	-6958.5	1541	9.4	112139.0	-6922.0
1362	9.8	104018.5	-6939.2	1452	9.9	105251.5	-6905.3	1542	9.6	112146.0	-6954.5
1363	9.4	104023.0	-6940.4	1453	9.0	105251.7	-6918.8	1543	9.1	112213.5	-6940.3
1364	9.6	104042.0	-6956.8	1454	9.5	105310.7	-6920.1	1544	9.0	112221.5	-6926.1
1365	9.8	104057.5	-6954.1	1455	9.4	105311.7	-6956.2	1545	9.6	112330.0	-6922.1
1366	9.8	104103.5	-6930.1	1456	9.4	105332.7	-6916.4	1546	9.6	112342.0	-6929.5
1367	9.8	104138.5	-6901.9	1457	9.8	105338.5	-6908.1	1547	9.6	112347.5	-6933.4
1368	9.8	104146.5	-6914.2	1458	8.9	105353.0	-6915.7	1548	9.0	112436.0	-6910.4
1369	9.9	104148.0	-6902.9	1459	8.9	105400.3	-6923.2	1549	9.6	112516.5	-6908.0
1370	9.7	104157.0	-6936.5	1460	9.6	105416.7	-6929.9	1550	9.4	112527.0	-6914.6
1371	9.4	104159.0	-6933.9	1461	9.2	105432.5	-6928.2	1551	9.4	112541.0	-6931.2
1372	9.2	104159.0	-6946.1	1462	9.6	105505.5	-6914.6	1552	9.2	112553.0	-6928.2
1373	9.8	104209.0	-6950.7	1463	9.2	105510.0	-6946.8	1553	9.6	112653.5	-6921.1
1374	9.8	104210.5	-6939.0	1464	9.2	105516.0	-6941.8	1554	9.2	112716.5	-6929.9
1375	9.8	104213.0	-6936.5	1465	9.5	105535.5	-6928.9	1555	9.6	112740.0	-6943.4
1376	9.4	104217.5	-6954.3	1466	9.0	105543.5	-6902.0	1556	9.5	112740.0	-6945.8
1377	9.6	104250.0	-6912.7	1467	8.1	105544.0	-6907.8	1557	6.8	112800.5	-6930.3
1378	9.6	104256.0	-6941.7	1468	9.4	105554.5	-6935.0	1558	9.1	112807.5	-6953.8
1379	9.9	104259.0	-6955.0	1469	9.3	105556.0	-6903.4	1559	9.0	112852.0	-6910.4
1380	9.9	104317.0	-6917.9	1470	9.2	105619.0	-6931.0	1560	8.4	113014.5	-6930.9
1381	9.6	104322.0	-6937.8	1471	9.2	105633.5	-6939.4	1561	9.6	113113.5	-6951.9
1382	9.8	104325.8	-6901.6	1472	9.6	105851.0	-6924.3	1562	8.9	113121.5	-6901.2
1383	9.9	104330.5	-6950.1	1473	9.5	105913.0	-6902.9	1563	9.2	113146.0	-6947.0
1384	9.8	104337.0	-6908.9	1474	9.6	105946.5	-6903.8	1564	9.4	113152.0	-6913.9
1385	9.9	104343.0	-6954.0	1475	8.1	105951.5	-6915.2	1565	9.6	113210.0	-6949.0
1386	9.4	104354.0	-6951.7	1476	9.5	105954.0	-6941.9	1566	9.2	113211.5	-6930.6
1387	9.8	104357.5	-6952.0	1477	9.6	110040.0	-6918.9	1567	9.2	113219.5	-6931.8
1388	9.7	104413.0	-6935.4	1478	9.6	110106.5	-6936.0	1568	9.2	113230.0	-6942.0
1389	9.8	104423.0	-6909.0	1479	9.6	110114.5	-6926.8	1569	9.2	113320.0	-6909.0
1390	9.7	104439.0	-6901.9	1480	9.6	110132.2	-6959.5	1570	9.5	113404.0	-6941.9
1391	9.8	104444.5	-6923.8	1481	9.4	110244.5	-6901.	1571	9.5	113404.2	-6945.8
1392	9.4	104459.0	-6950.1	1482	9.4	110411.5	-6947.	1572	9.5	113420.0	-6956.4
1393	9.2	104502.5	-6957.3	1483	9.4	110422.0	-6946.7	1573	9.6	113553.0	-6943.6
1394	9.5	104512.0	-6925.2	1484	9.3	110426.0	-6949.1	1574	9.6	113611.0	-6934.0
1395	9.9	104526.5	-6959.7	1485	8.8	110433.2	-6956.4	1575	9.2	113710.3	-6909.3
1396	9.8	104528.0	-6922.5	1486	9.5	110438.5	-6921.0	1576	9.0	113718.0	-6958.0
1397	9.8	104528.0	-6920.4	1487	8.1	110505.5	-6941.2	1577	9.5	113722.8	-6908.8
1398	9.4	104528.5	-6949.1	1488	9.2	110535.2	-6958.0	1578	9.5	113830.5	-6959.7
1399	9.5	104551.5	-6911.7	1489	9.5	110540.0	-6942.3	1579	8.8	113831.0	-6923.0
1400	9.9	104557.0	-6902.0	1490	9.6	110553.5	-6924.0	1580	8.9	113902.5	-6940.8
1401	9.9	104625.5	-6900.7	1491	9.2	110636.0	-6918.9	1581	9.4	113902.8	-6924.1
1402	9.9	104632.5	-6920.1	1492	9.2	110646.0	-6952.8	1582	8.6	113922.0	-6915.5
1403	9.8	104635.5	-6956.1	1493	9.3	110724.0	-6935.9	1583	8.7	114040.5	-6934.8
1404	9.8	104641.0	-6912.4	1494	9.0	110733.5	-6951.0	1584	8.8	114048.9	-6925.9
1405	9.8	104650.0	-6917.8	1495	9.0	110804.5	-6940.1	1585	9.1	114054.0	-6949.2
1406	9.9	104657.5	-6918.0	1496	9.5	110820.0	-6958.1	1586	9.2	114055.5	-6943.1
1407	9.8	104701.0	-6943.9	1497	9.6	110820.0	-6943.9	1587	9.2	114103.0	-6946.8
1588	8.4	114128.0	-6943.2								
1589	9.5	114221.5	-6904.4								
1590	9.5	114301.0	-6949.7								
1591	8.2	114301.5	-6945.5								
1592	9.6	114314.5	-6916.1								
1593	9.2	114341.0	-6955.4								
1594	8.9	114357.0	-6929.2								
1595	7.1	114359.0	-6931.8								
1596	9.4	114428.0	-6944.8								
1597	9.2	114441.0	-6950.5								
1598	9.2	114510.0	-6929.3								
1599	9.0	114600.5	-6923.0								
1600	8.6	114636.5	-6915.6								
1601	9.4	114638.5	-6916.9								
1602	9.4	114646.0	-6934.7								
1603	9.0	114648.0	-6911.3								
1604	9.0	114753.0	-6914.3								
1605	9.3	114817.0	-6918.3								
1606	8.7	114820.5	-6916.7								
1607	9.6	114906.0	-6948.0								
1608	9.4	114931.5	-6945.0								
1609	9.4	114949.0	-6924.6								
1610	9.4	115008.0	-6924.5								
1611	9.1	115009.5	-6900.3								
1612	7.8	115034.0	-6927.5								
1613	9.6	115101.5	-6958.9								
1614	9.3	115207.5	-6956.7								
1615	9.3	115228.0	-6929.2								
1616	9.2	115311.0	-6936.8								
1617	8.3	115337.0	-6911.3								
1618	8.5	115410.5	-6927.5								
1619	8.7	115411.5	-6938.0								
1620	9.3	115420.5	-6917.6								
1621	9.6	115443.5	-6921.9								
1622	8.0	115522.5	-6942.7								
1623	9.6	115749.0	-6939.9								
1624	8.9	115752.0	-6902.0								
1625	9.5	115828.0	-6910.9								
1626	8.8	115831.5	-6918.3								
1627	8.8	115832.0	-6907.0								
1628	9.4	115834.5	-6935.1								
1629	9.5	115901.0	-6941.9								
1630	8.2	115904.5	-6912.9								
1631	8.8	115945.0	-6907.8								
1632	7.4	115949.0	-6906.2								
1633	9.6	120004.0	-6912.3								
1634	9.5	120031.5	-6917.3								
1635	9.6	120044.0	-6941.7								
1636	8.2	120045.0	-6944.7								
1637	9.5	120054.0	-6947.7								
1638	9.5	120110.0	-6912.3								
1639	9.4	120111.0	-6928.4								
1640	9.5	120119.5	-6925.4								
1641	9.0	120249.0	-6930.2								
1642	9.2	120339.0	-6917.8								
1643	9.0	120431.0	-6922.3								
1644	9.6	120452.0	-6911.9								
1645	9.4	120512.5	-6902.0								
1646	7.2	120604.0	-6927.2								
1647	9.2	120724.5	-6920.7								
1648	9.2	121022.5	-6939.7								
1649	9.2	121024.5	-6927.4								
1650	9.4	121055.0	-6924.1								
1651	8.4	121057.0	-6940.2								
1652	8.6	121105.5	-6914.9								
1653	9.2	121225.0	-6947.9								
1654	8.2	121319.5	-6904.9								
1655	9.4	121405.0	-6915.3								
1656	9.4	121814.0	-6940.2								
1657	8.4	122101.2	-6951.1								
1658	9.2	122139.7	-6913.0								
1659	9.6	122152.5	-6950.4								
1660	9.5	122217.5	-6959.0								
1661	9.6	122224.0	-6945.0								
1662	9.2	122249.5	-6933.0								
1663	9.7	122252.5	-6938.6								
1664	9.1	122431.5	-6957.3								
1665	9.6	122431.5	-6930.5								
1666	8.5	122528.5	-6914.0								
1667	9.0	122544.5	-6914.9								
1668	9.6	122554.0	-6938.4								
1669	9.7	122618.0	-6910.0								
1670	8.7	122631.5	-6937.9								
1671	9.6	122648.5	-6950.0								
1672	9.6	122655.0	-6937.0								
1673	8.9	122658.0	-6902.8								
1674	9.5	122702.0	-6933.0								
1675	9.4	122703.0	-6900.2								
1676	8.6	122727.5	-6912.0								
1677	9.0	122732.5	-6920.7								

-69 1678 12h27m

-69 2037 14h10m

1678	9.6	122744.5	-6918.3	1768	8.7	130144.5	-6903.0	1858	9.6	132051.5	-6914.6	1948	9.5	134406.0	-6902.6
1679	8.8	122755.5	-6938.0	1769	9.7	130144.5	-6949.9	1859	9.7	132055.0	-6954.1	1949	9.9	134428.5	-6929.3
1680	9.5	122856.5	-6916.9	1770	9.5	130253.5	-6922.0	1860	9.6	132103.5	-6915.3	1950	9.9	134453.5	-6939.2
1681	9.6	122939.5	-6957.1	1771	8.6	130254.0	-6920.0	1861	9.6	132119.0	-6934.2	1951	9.7	134454.5	-6912.1
1682	9.4	122942.5	-6947.0	1772	6.9	130315.0	-6916.5	1862	9.5	132119.0	-6923.0	1952	9.2	134522.5	-6954.9
1683	8.7	122952.0	-6903.0	1773	9.0	130339.0	-6955.5	1863	9.6	132123.0	-6921.9	1953	9.2	134526.0	-6920.8
1684	8.1	123027.5	-6958.6	1774	9.0	130345.5	-6939.2	1864	9.5	132153.5	-6909.2	1954	9.8	134531.0	-6916.3
1685	9.2	123210.0	-6930.0	1775	9.6	130354.5	-6948.0	1865	9.6	132154.5	-6914.8	1955	9.8	134533.0	-6905.0
1686	8.2	123242.0	-6902.6	1776	8.2	130430.0	-6929.0	1866	9.9	132159.0	-6933.8	1956	8.6	134606.3	-6900.0
1687	9.7	123248.5	-6927.7	1777	8.9	130520.5	-6938.0	1867	9.4	132234.0	-6939.6	1957	9.3	134625.0	-6953.6
1688	9.2	123252.5	-6928.0	1778	9.6	130533.5	-6936.8	1868	9.9	132300.0	-6913.7	1958	8.4	134632.5	-6939.4
1689	7.4	123254.0	-6951.7	1779	9.6	130544.0	-6956.4	1869	9.1	132302.5	-6948.6	1959	9.9	134710.5	-6920.0
1690	8.2	123315.0	-6944.0	1780	9.6	130546.0	-6935.8	1870	9.9	132308.5	-6953.9	1960	9.1	134720.0	-6930.0
1691	9.6	123327.0	-6901.6	1781	9.8	130617.0	-6907.8	1871	9.7	132343.5	-6938.4	1961	9.7	134723.0	-6944.9
1692	9.3	123433.0	-6917.8	1782	9.9	130627.0	-6945.3	1872	9.9	132344.5	-6906.9	1962	8.4	134746.5	-6942.4
1693	8.8	123452.5	-6930.4	1783	7.3	130633.2	-6948.9	1873	8.8	132345.5	-6947.2	1963	9.9	134748.0	-6900.5
1694	9.6	123504.5	-6954.0	1784	7.7	130648.4	-6901.0	1874	9.2	132345.5	-6947.0	1964	9.1	134819.0	-6926.2
1695	9.6	123510.5	-6918.1	1785	9.9	130653.5	-6949.5	1875	9.9	132349.0	-6936.0	1965	9.5	134820.0	-6934.5
1696	9.0	123621.5	-6949.0	1786	9.9	130656.5	-6902.5	1876	9.7	132350.0	-6937.4	1966	9.9	134820.0	-6923.7
1697	9.5	123654.5	-6902.7	1787	8.9	130658.5	-6905.9	1877	9.2	132401.0	-6932.6	1967	9.8	134857.0	-6925.8
1698	9.7	123709.5	-6950.9	1788	9.9	130725.5	-6942.5	1878	9.5	132422.0	-6949.0	1968	9.4	134914.5	-6947.2
1699	9.6	123726.0	-6901.7	1789	9.8	130730.0	-6949.1	1879	9.9	132503.5	-6948.1	1969	9.6	134920.5	-6939.0
1700	9.3	123809.0	-6915.6	1790	8.6	130738.6	-6958.1	1880	9.6	132519.5	-6949.0	1970	9.3	134924.5	-6946.5
1701	9.0	123858.5	-6958.0	1791	9.8	130759.5	-6922.8	1881	9.6	132603.5	-6935.6	1971	9.5	134925.5	-6919.3
1702	9.4	123933.0	-6935.2	1792	9.0	130805.0	-6931.6	1882	9.9	132616.5	-6913.1	1972	9.0	134933.0	-6920.8
1703	9.4	123943.0	-6913.9	1793	9.7	130831.0	-6939.8	1883	9.1	132617.0	-6916.4	1973	9.1	135000.0	-6948.8
1704	9.7	124005.5	-6938.0	1794	9.8	130832.5	-6946.4	1884	9.9	132632.5	-6935.1	1974	9.9	135005.5	-6949.6
1705	9.4	124015.0	-6951.3	1795	9.9	130841.5	-6906.4	1885	9.1	132655.5	-6937.8	1975	8.9	135022.3	-6947.5
1706	8.6	124018.0	-6938.4	1796	9.9	130843.0	-6917.5	1886	9.2	132702.0	-6915.6	1976	9.1	135028.8	-6905.7
1707	9.2	124108.0	-6913.0	1797	9.0	130904.2	-6908.9	1887	9.5	132712.0	-6931.9	1977	9.1	135029.0	-6943.7
1708	9.4	124153.0	-6911.3	1798	9.5	130926.0	-6952.9	1888	9.9	132733.0	-6910.0	1978	9.5	135058.3	-6942.2
1709	9.5	124231.5	-6950.9	1799	9.6	131009.0	-6934.9	1889	9.3	132747.0	-6913.9	1979	9.5	135116.5	-6942.8
1710	9.5	124249.0	-6916.8	1800	9.8	131030.5	-6914.0	1890	8.0	132832.5	-6946.3	1980	9.9	135130.0	-6900.4
1711	9.6	124253.5	-6958.9	1801	9.7	131033.5	-6921.0	1891	9.9	132833.5	-6944.1	1981	9.9	135134.5	-6940.2
1712	9.6	124327.0	-6919.9	1802	9.5	131034.5	-6905.5	1892	9.7	132840.0	-6925.6	1982	9.3	135157.2	-6959.8
1713	9.7	124331.5	-6920.6	1803	9.6	131039.0	-6940.3	1893	9.2	132846.0	-6904.2	1983	9.9	135203.0	-6946.1
1714	9.0	124403.0	-6943.9	1804	9.9	131039.5	-6956.9	1894	9.9	132857.0	-6906.9	1984	9.5	135222.5	-6903.8
1715	9.5	124413.0	-6918.9	1805	9.0	131119.5	-6952.8	1895	9.3	132909.0	-6953.8	1985	9.2	135224.3	-6918.1
1716	9.5	124421.5	-6914.7	1806	9.8	131121.5	-6923.8	1896	9.5	132910.0	-6905.9	1986	9.8	135229.0	-6930.5
1717	9.1	124422.5	-6943.7	1807	8.2	131141.0	-6937.9	1897	9.6	132913.5	-6911.1	1987	9.4	135318.8	-6909.0
1718	9.5	124439.0	-6943.2	1808	7.6	131150.5	-6901.5	1898	7.7	132919.5	-6948.2	1988	9.3	135346.3	-6907.4
1719	8.7	124442.0	-6950.7	1809	9.6	131153.5	-6943.6	1899	8.8	132919.5	-6932.9	1989	9.5	135346.8	-6950.0
1720	8.8	124451.5	-6908.2	1810	9.4	131203.0	-6907.1	1900	8.5	132925.0	-6928.5	1990	9.9	135355.0	-6909.4
1721	8.4	124509.5	-6912.0	1811	9.3	131209.0	-6909.4	1901	9.9	132926.0	-6906.7	1991	9.5	135430.5	-6918.4
1722	9.7	124530.5	-6950.4	1812	9.2	131217.0	-6937.0	1902	9.9	132955.5	-6943.0	1992	7.7	135438.8	-6916.0
1723	9.7	124551.5	-6941.8	1813	8.7	131247.0	-6916.8	1903	9.3	133035.0	-6901.7	1993	8.4	135452.0	-6913.7
1724	8.8	124614.5	-6944.1	1814	9.9	131251.5	-6951.3	1904	8.6	133123.5	-6921.2	1994	9.7	135459.7	-6958.5
1725	8.0	124615.0	-6921.4	1815	9.4	131252.0	-6945.7	1905	8.9	133132.5	-6931.7	1995	9.7	135510.0	-6946.0
1726	9.6	124721.5	-6950.4	1816	7.3	131308.5	-6953.6	1906	9.7	133144.5	-6904.9	1996	9.9	135515.5	-6953.8
1727	9.6	124801.5	-6959.9	1817	9.9	131317.5	-6944.4	1907	8.4	133219.0	-6906.9	1997	9.0	135523.7	-6922.9
1728	9.6	124809.0	-6916.5	1818	9.9	131320.0	-6928.3	1908	9.7	133233.0	-6909.6	1998	9.4	135550.0	-6908.0
1729	9.5	124814.0	-6906.5	1819	9.9	131329.5	-6929.6	1909	9.3	133250.2	-6958.9	1999	9.4	135614.5	-6918.8
1730	9.6	124822.0	-6926.7	1820	9.9	131330.5	-6914.0	1910	8.6	133258.0	-6947.0	2000	9.2	135632.5	-6907.3
1731	9.5	124850.0	-6955.0	1821	9.5	131332.5	-6941.0	1911	9.5	133259.5	-6956.9	2001	9.6	135706.5	-6904.0
1732	9.2	124904.0	-6908.4	1822	9.8	131345.5	-6910.0	1912	9.5	133309.5	-6937.0	2002	9.0	135707.5	-6947.3
1733	8.4	124954.5	-6952.2	1823	9.8	131423.5	-6911.1	1913	9.5	133349.5	-6941.9	2003	9.3	135724.0	-6921.5
1734	9.4	125004.0	-6917.3	1824	9.9	131425.5	-6926.6	1914	9.9	133352.3	-6901.6	2004	9.4	135805.5	-6953.3
1735	9.4	125004.0	-6910.4	1825	9.7	131433.0	-6940.0	1915	9.4	133414.0	-6937.8	2005	9.0	135806.5	-6950.1
1736	9.5	125006.5	-6955.3	1826	9.5	131433.5	-6925.9	1916	9.7	133420.0	-6952.1	2006	9.2	135902.5	-6953.4
1737	9.4	125014.0	-6948.0	1827	9.7	131440.5	-6902.4	1917	9.7	133446.0	-6937.9	2007	9.2	135903.0	-6903.0
1738	9.2	125043.0	-6936.0	1828	9.9	131445.0	-6920.4	1918	9.9	133454.0	-6918.6	2008	9.3	135911.0	-6949.1
1739	8.6	125054.0	-6929.0	1829	8.8	131445.5	-6944.0	1919	9.8	133512.0	-6950.1	2009	9.2	135930.5	-6918.6
1740	9.4	125054.0	-6903.5	1830	9.5	131454.0	-6918.3	1920	9.6	133534.0	-6930.8	2010	9.3	135935.0	-6918.3
1741	8.0	125109.5	-6957.6	1831	9.9	131514.5	-6914.5	1921	9.7	133552.0	-6929.1	2011	9.4	135953.5	-6902.9
1742	9.4	125138.0	-6903.9	1832	9.5	131530.0	-6952.0	1922	9.7	133634.3	-6902.5	2012	8.5	140008.5	-6942.6
1743	8.3	125219.0	-6932.0	1833	9.9	131541.5	-6920.0	1923	9.9	133651.5	-6929.4	2013	9.4	140025.5	-6929.4
1744	9.5	125226.0	-6925.9	1834	8.0	131543.0	-6946.3	1924	8.7	133721.0	-6930.3	2014	7.1	140045.0	-6907.5
1745	9.0	125240.5	-6950.1	1835	9.4	131554.0	-6903.0	1925	8.6	133722.5	-6952.9	2015	9.4	140133.3	-6959.8
1746	9.6	125320.0	-6913.3	1836	9.9	131606.5	-6950.5	1926	9.9	133726.0	-6943.3	2016	8.4	140138.5	-6934.8
1747	8.8	125327.5	-6900.0	1837	9.4	131619.0	-6906.2	1927	9.8	133732.5	-6926.9	2017	9.6	140204.5	-6905.2
1748	9.3	125336.0	-6957.5	1838	5.7	131645.0	-6958.5	1928	9.9	133826.5	-6914.0	2018	8.7	140342.0	-6905.3
1749	9.5	125343.0	-6959.9	1839	9.9	131645.5	-6937.2	1929	9.9	133839.0	-6957.2	2019	9.4	140417.0	-6933.6
1750	9.4	125359.5	-6903.8	1840	9.3	131703.0	-6906.0	1930	9.0	133840.0	-6955.4	2020	9.4	140420.0	-6924.1
1751	9.2	125419.8	-6959.0	1841	9.3	131706.5	-6948.0	1931	9.8	133854.5	-6941.4	2021	9.5	140435.0	-6907.9
1752	8.0	125532.0	-6935.7	1842	9.8	131710.0	-6901.1	1932	9.8	133933.5	-6959.9	2022	9.4	140438.5	-6929.9
1753	9.4	125538.0	-6910.0	1843	8.8	131722.5	-6953.2	1933	9.6	133957.5	-6906.6	2023	9.0	140450.0	-6949.8
1754	7.9	125623.5	-6918.9	1844	9.9	131746.0	-6950.0	1934	9.7	133959.5	-6953.0	2024	9.2	140451.5	-6917.2
1755	9.6	125642.0	-6959.9	1845	9.5	131748.5	-6952.0	1935	9.8	134026.0	-6915.0	2025	9.4	140452.5	-6917.8
1756	9.6	125717.5	-6904.9	1846	9.9	131754.0	-6958.4	1936	9.5	134032.5	-6959.2	2026	9.0	140546.0	-6925.9
1757	8.7	125745.5	-6902.7	1847	9.9	131842.5	-6944.6	1937	9.6	134059.5	-6925.4	2027	9.4	140610.0	-6940.5
1758	9.4	125753.5	-6941.0	1848	9.8	131848.5	-6906.0	1938	9.8	134104.0	-6942.0	2028	9.5	140638.5	-6958.0
1759	9.4	125855.5	-6938.1	1849	9.8	131850.5	-6912.0	1939	8.8	134148.0	-6932.1	2029	9.4	140641.0	-6959.9
1760	9.2	125857.0	-6946.3	1850	9.9	131853.5	-6946.0	1940	9.7	134155.5	-6937.0	2030	9.4	140705.0	-6942.1
1761	8.7	125857.5	-6950.7	1851	9.9	131902.5	-6903.2	1941	9.7	134207.5	-6955.1	2031	9.1	140808.5	-6917.9
1762	9.6	125902.5	-6953.9	1852	9.9	131953.0	-6922.0	1942	9.9	134216.0	-6906.5	2032	8.8	140819.0	-6913.0
1763	9.0	125907.5	-6911.7	1853	9.9	132006.0	-6909.9	1943	9.5	134222.0	-6905.8	2033	9.2	140908.5	-6925.2
1764	9.4	125924.5	-6957.0	1854	9.9	132019.0	-6937.9	1944	9.3	134246.0	-6949.5	2034	9.4	140912.0	-6919.9
1765	8.0	130020.5	-6903.3	1855	9.3	132025.5	-6930.0	1945	7.3	134310.0	-6925.6	2035	9.5	140934.0	-6914.1
1766	9.4	130024.5	-6906.7	1856	9.9	132032.5	-6905.0	1946	9.4	134317.5	-6904.3	2036	9.6	140955.5	-6903.0
1767	9.4	130134.5	-6919.2	1857	9.4	132043.5	-6950.8	1947	9.0	134355.0	-6951.9	2037	8.2	141008.5	-6913.5

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2038	9.4	141058.5	-6900.0	2128	9.8	144110.0	-6933.7	2218	9.3	145345.7	-6939.8	2308	8.7	150811.8	-6907.1
2039	9.3	141101.0	-6942.8	2129	9.4	144115.0	-6932.2	2219	9.6	145359.7	-6916.0	2309	9.6	150830.8	-6955.4
2040	9.4	141121.0	-6948.4	2130	8.8	144153.0	-6916.1	2220	9.8	145406.2	-6939.4	2310	9.6	150835.8	-6937.6
2041	9.3	141219.0	-6915.0	2131	8.3	144154.0	-6901.2	2221	9.5	145426.2	-6939.8	2311	9.7	150847.8	-6908.6
2042	8.8	141310.0	-6923.8	2132	9.2	144154.5	-6939.8	2222	9.5	145430.2	-6923.4	2312	9.8	150849.3	-6955.0
2043	9.4	141353.0	-6904.3	2133	9.8	144200.2	-6934.6	2223	9.1	145436.1	-6945.7	2313	9.6	150858.8	-6924.3
2044	9.2	141404.5	-6909.9	2134	9.5	144210.0	-6926.4	2224	9.8	145438.1	-6920.7	2314	8.9	150903.3	-6910.6
2045	9.5	141404.5	-6910.3	2135	9.8	144219.0	-6925.0	2225	9.8	145442.6	-6925.6	2315	8.6	150903.8	-6931.7
2046	9.2	141425.0	-6927.4	2136	9.7	144220.0	-6926.2	2226	9.8	145448.6	-6938.3	2316	9.5	150924.3	-6928.8
2047	9.4	141441.8	-6958.0	2137	9.5	144228.2	-6938.5	2227	9.8	145450.1	-6933.5	2317	9.4	150930.8	-6953.7
2048	9.4	141448.5	-6901.2	2138	9.8	144244.0	-6951.8	2228	9.8	145507.6	-6953.8	2318	9.4	150944.8	-6924.6
2049	9.6	141528.5	-6935.6	2139	9.7	144259.0	-6959.8	2229	9.8	145520.6	-6953.7	2319	9.5	150951.8	-6911.4
2050	9.5	141612.5	-6906.9	2140	9.2	144309.0	-6942.0	2230	9.4	145530.1	-6923.9	2320	9.6	151018.8	-6947.0
2051	9.2	141804.0	-6946.9	2141	9.6	144309.0	-6914.6	2231	9.8	145531.6	-6928.3	2321	9.8	151032.8	-6927.0
2052	9.4	141807.5	-6923.6	2142	9.4	144309.0	-6929.0	2232	9.4	145536.1	-6900.5	2322	9.4	151040.3	-6914.9
2053	9.2	141817.5	-6909.9	2143	9.2	144309.5	-6934.9	2233	8.7	145541.6	-6938.5	2323	9.6	151056.3	-6903.0
2054	8.2	141841.0	-6940.5	2144	9.6	144312.0	-6950.9	2234	9.8	145608.1	-6903.6	2324	9.8	151110.8	-6953.4
2055	9.0	141848.0	-6933.4	2145	9.7	144312.0	-6902.6	2235	9.7	145618.1	-6953.0	2325	9.6	151114.3	-6926.6
2056	8.8	141920.0	-6912.9	2146	6.4	144328.0	-6920.6	2236	9.2	145627.6	-6906.8	2326	9.8	151120.8	-6937.8
2057	9.4	142037.0	-6912.6	2147	9.4	144328.9	-6947.7	2237	9.7	145632.1	-6901.1	2327	9.7	151121.8	-6935.2
2058	9.2	142118.3	-6957.1	2148	9.0	144339.9	-6902.6	2238	9.5	145633.6	-6930.8	2328	9.6	151129.8	-6944.3
2059	9.4	142134.0	-6949.0	2149	9.6	144344.9	-6935.3	2239	9.7	145645.1	-6903.3	2329	9.6	151133.8	-6910.2
2060	9.2	142139.0	-6931.8	2150	9.8	144348.9	-6928.9	2240	9.6	145651.6	-6916.4	2330	9.8	151137.3	-6919.2
2061	9.2	142154.0	-6953.0	2151	9.7	144349.9	-6928.6	2241	9.8	145658.7	-6931.1	2331	9.8	151158.8	-6950.4
2062	9.4	142210.0	-6938.6	2152	9.8	144356.4	-6901.3	2242	9.6	145701.1	-6916.7	2332	9.8	151216.3	-6929.9
2063	9.6	142215.5	-6906.0	2153	8.6	144406.4	-6937.2	2243	9.7	145728.1	-6914.6	2333	9.5	151224.3	-6944.0
2064	8.3	142222.2	-6902.0	2154	8.4	144408.4	-6949.7	2244	9.2	145730.6	-6956.2	2334	9.5	151230.8	-6928.4
2065	9.4	142233.0	-6947.3	2155	8.8	144425.4	-6928.5	2245	9.4	145739.1	-6943.0	2335	9.6	151239.3	-6925.8
2066	9.2	142323.5	-6917.8	2156	9.6	144431.9	-6949.3	2246	8.8	145752.1	-6941.3	2336	9.6	151241.3	-6920.5
2067	9.2	142415.0	-6901.0	2157	9.8	144446.6	-6912.8	2247	9.6	145800.6	-6921.9	2337	9.6	151246.4	-6900.0
2068	9.0	142455.5	-6925.0	2158	9.3	144507.9	-6949.2	2248	9.8	145819.7	-6908.7	2338	9.8	151253.5	-6935.4
2069	8.3	142509.0	-6944.5	2159	9.0	144511.0	-6958.7	2249	9.6	145830.7	-6930.3	2339	9.4	151258.5	-6913.6
2070	9.0	142646.5	-6948.0	2160	9.6	144517.4	-6921.5	2250	9.6	145832.6	-6937.2	2340	9.5	151307.0	-6921.9
2071	9.1	142649.0	-6928.0	2161	9.6	144523.9	-6908.6	2251	9.6	145856.1	-6908.0	2341	9.7	151332.5	-6938.4
2072	9.0	142654.0	-6952.4	2162	9.8	144528.9	-6908.6	2252	9.6	145858.6	-6944.8	2342	8.9	151337.0	-6952.6
2073	9.2	142710.0	-6908.8	2163	9.8	144531.4	-6941.5	2253	9.6	145941.1	-6909.0	2343	9.4	151341.0	-6943.1
2074	8.4	142817.5	-6944.7	2164	9.6	144542.4	-6920.7	2254	9.4	145943.1	-6907.2	2344	9.4	151342.5	-6945.3
2075	9.4	142837.0	-6907.0	2165	9.7	144542.9	-6905.9	2255	9.7	150010.1	-6945.0	2345	9.5	151350.0	-6903.0
2076	9.5	142837.5	-6953.9	2166	9.8	144549.9	-6949.6	2256	9.3	150018.6	-6902.6	2346	9.5	151359.0	-6905.0
2077	9.3	142840.5	-6951.0	2167	9.6	144551.9	-6947.3	2257	9.4	150023.0	-6959.7	2347	9.8	151408.2	-6918.5
2078	9.4	142852.0	-6926.9	2168	9.6	144553.9	-6949.5	2258	9.4	150031.1	-6959.8	2348	9.4	151411.0	-6914.2
2079	9.4	142917.5	-6903.0	2169	9.7	144601.4	-6902.9	2259	9.0	150039.1	-6928.9	2349	9.0	151414.0	-6942.0
2080	8.8	143020.0	-6950.1	2170	9.5	144608.4	-6912.9	2260	9.3	150039.8	-6952.9	2350	9.7	151419.5	-6935.8
2081	9.2	143148.5	-6943.3	2171	9.8	144612.6	-6938.1	2261	9.6	150100.8	-6938.6	2351	9.6	151435.0	-6901.3
2082	9.5	143205.5	-6943.0	2172	9.6	144621.4	-6925.5	2262	9.8	150114.5	-6902.9	2352	9.8	151446.0	-6920.7
2083	7.6	143307.5	-6908.1	2173	9.8	144632.6	-6949.6	2263	9.6	150118.3	-6922.4	2353	9.4	151453.0	-6910.8
2084	8.6	143315.0	-6944.6	2174	9.8	144639.4	-6950.7	2264	9.7	150123.3	-6911.7	2354	9.4	151512.0	-6915.2
2085	9.5	143324.0	-6923.8	2175	8.4	144652.4	-6937.3	2265	9.4	150123.3	-6946.9	2355	9.0	151520.0	-6927.1
2086	8.4	143339.0	-6931.6	2176	9.8	144656.6	-6911.2	2266	9.8	150220.3	-6954.9	2356	9.8	151553.0	-6933.6
2087	9.3	143357.0	-6936.4	2177	9.2	144657.4	-6903.6	2267	9.0	150221.3	-6936.3	2357	9.3	151553.0	-6948.0
2088	9.4	143357.0	-6930.2	2178	9.2	144723.9	-6924.6	2268	9.4	150241.8	-6933.1	2358	9.2	151614.0	-6923.1
2089	8.4	143433.3	-6905.2	2179	9.8	144730.4	-6923.7	2269	9.4	150242.8	-6949.1	2359	8.9	151616.5	-6910.8
2090	9.7	143517.8	-6903.0	2180	9.1	144744.4	-6901.4	2270	9.2	150250.3	-6928.8	2360	9.8	151632.5	-6949.8
2091	9.0	143519.0	-6941.8	2181	9.4	144750.9	-6953.3	2271	9.7	150250.5	-6941.6	2361	9.8	151633.5	-6925.9
2092	9.4	143519.5	-6911.7	2182	8.2	144752.4	-6912.0	2272	9.1	150257.8	-6908.3	2362	9.7	151656.5	-6912.2
2093	9.4	143533.5	-6918.5	2183	9.6	144758.4	-6956.5	2273	9.2	150303.3	-6919.3	2363	9.7	151705.5	-6922.6
2094	9.8	143544.5	-6950.3	2184	9.6	144758.9	-6909.5	2274	9.6	150311.8	-6936.3	2364	9.8	151709.0	-6955.6
2095	9.6	143554.0	-6953.9	2185	9.8	144807.9	-6931.5	2275	9.3	150318.8	-6922.9	2365	9.4	151727.0	-6923.7
2096	8.8	143625.0	-6901.5	2186	9.6	144809.7	-6944.3	2276	9.6	150324.3	-6926.8	2366	9.5	151733.5	-6932.6
2097	9.5	143628.0	-6929.6	2187	9.7	144824.2	-6956.2	2277	9.8	150324.5	-6925.2	2367	9.6	151737.5	-6946.3
2098	9.8	143628.5	-6907.5	2188	9.8	144826.2	-6912.4	2278	9.6	150326.8	-6921.7	2368	8.8	151748.6	-6957.4
2099	9.6	143634.0	-6925.0	2189	8.6	144846.2	-6914.8	2279	9.7	150335.3	-6915.9	2369	9.6	151806.8	-6911.5
2100	9.8	143641.0	-6948.7	2190	9.4	144909.2	-6952.0	2280	9.7	150343.3	-6926.5	2370	9.0	151814.8	-6948.0
2101	9.7	143649.1	-6958.1	2191	9.8	144921.8	-6934.7	2281	7.6	150352.6	-6956.6	2371	9.7	151816.8	-6939.8
2102	9.8	143703.0	-6932.5	2192	9.4	144926.2	-6927.0	2282	9.6	150410.8	-6905.4	2372	9.7	151821.3	-6958.8
2103	9.6	143735.5	-6918.6	2193	9.8	144929.2	-6930.0	2283	8.4	150418.3	-6916.7	2373	9.8	151829.3	-6902.3
2104	9.3	143751.7	-6937.1	2194	9.4	144929.7	-6926.3	2284	9.5	150438.3	-6945.2	2374	9.6	151836.3	-6912.6
2105	9.6	143758.5	-6940.5	2195	9.8	144959.2	-6904.0	2285	9.6	150442.3	-6945.5	2375	9.4	151841.8	-6919.7
2106	9.8	143808.5	-6951.4	2196	9.4	145004.2	-6930.9	2286	9.8	150443.3	-6959.5	2376	9.3	151902.3	-6948.4
2107	9.8	143828.0	-6921.2	2197	9.2	145007.2	-6929.4	2287	8.0	150448.3	-6924.5	2377	8.3	151904.3	-6924.0
2108	9.6	143836.0	-6943.6	2198	9.8	145026.8	-6905.8	2288	9.6	150448.3	-6911.6	2378	9.8	151921.5	-6922.1
2109	9.8	143836.0	-6929.6	2199	9.8	145036.8	-6944.2	2289	9.6	150452.3	-6911.1	2379	9.2	151932.3	-6903.0
2110	9.2	143839.7	-6930.2	2200	9.5	145046.7	-6921.0	2290	9.7	150502.8	-6937.0	2380	9.8	151932.5	-6915.9
2111	9.6	143849.5	-6918.6	2201	9.5	145050.7	-6924.4	2291	9.2	150504.8	-6934.5	2381	8.8	152006.6	-6930.9
2112	9.2	143850.7	-6910.0	2202	9.5	145052.7	-6905.2	2292	9.3	150505.6	-6958.7	2382	9.6	152011.8	-6943.2
2113	9.6	143855.5	-6918.6	2203	9.8	145116.7	-6921.4	2293	9.4	150507.8	-6928.4	2383	9.4	152033.8	-6955.9
2114	9.7	143902.5	-6930.8	2204	9.6	145129.2	-6933.7	2294	9.8	150524.8	-6933.0	2384	8.9	152034.3	-6930.3
2115	9.8	143924.5	-6912.4	2205	9.7	145132.2	-6932.4	2295	9.8	150532.8	-6950.0	2385	9.3	152057.6	-6956.0
2116	9.6	143929.5	-6926.2	2206	9.2	145139.3	-6956.4	2296	9.3	150535.3	-6940.6	2386	9.8	152058.3	-6946.3
2117	9.6	143933.0	-6911.6	2207	9.8	145151.2	-6930.8	2297	8.0	150601.8	-6949.6	2387	8.5	152117.6	-6940.8
2118	9.1	143937.5	-6946.1	2208	9.6	145159.7	-6936.2	2298	9.6	150624.3	-6932.4	2388	9.4	152121.8	-6924.5
2119	9.3	143945.2	-6952.6	2209	9.8	145201.2	-6930.0	2299	9.8	150628.3	-6918.8	2389	9.8	152126.5	-6917.2
2120	9.4	143947.7	-6917.2	2210	9.8	145202.7	-6917.8	2300	9.7	150645.8	-6941.4	2390	9.5	152127.4	-6943.9
2121	9.7	143950.0	-6923.4	2211	9.0	145206.7	-6932.4	2301	9.4	150659.8	-6936.7	2391	9.6	152131.1	-6939.2
2122	9.2	144014.2	-6910.9	2212	9.7	145206.7	-6959.8	2302	9.5	150737.6	-6900.2	2392	9.6	152131.8	-6906.8
2123	9.2	144035.5	-6900.0	2213	9.4	145209.2	-6903.8	2303	9.7	150737.8	-6945.4	2393	9.2	152132.5	-6936.4
2124	9.8	144058.0	-6910.4	2214	9.2	145240.2	-6939.5	2304	9.4	150742.8	-6915.2	2394	9.6	152136.8	-6941.6
2125	9.4	144103.0	-6937.1	2215	9.7	145249.7	-6924.2	2305	9.6	150800.8	-6909.2	2395	9.4	152138.5	-6938.2
2126	9.6	144103.2	-6934.3	2216	9.6	145256.2	-6925.8	2306	9.6	150803.8	-6917.8	2396	9.4	152158.8	-6908.5
2127	9.5	144108.5	-6932.8	2217	8.9	145301.2	-6950.4	2307	9.8	150810.9	-6901.6	2397	9.4	152221.4	-6904.0

-69 2397 15h22m

-69 2398 15h22m

-69 2757 17h35m

2398	9.2	152224.9	-6927.1	2488	9.4	155350.0	-6951.1	2578	10.1	162043.0	-6959.5
2399	9.0	152244.6	-6955.2	2489	9.0	155445.5	-6943.6	2579	9.4	162052.5	-6942.8
2400	9.5	152251.4	-6902.3	2490	8.7	155624.0	-6914.9	2580	10.1	162123.0	-6945.9
2401	9.0	152255.8	-6938.0	2491	9.6	155656.0	-6909.8	2581	9.6	162129.0	-6949.9
2402	9.7	152258.3	-6956.0	2492	9.3	155740.5	-6943.8	2582	8.8	162141.5	-6944.3
2403	9.6	152311.6	-6932.0	2493	9.4	155821.5	-6951.5	2583	10.1	162148.5	-6915.3
2404	9.8	152329.3	-6903.9	2494	8.8	155825.0	-6908.9	2584	10.1	162222.0	-6914.5
2405	9.5	152348.3	-6934.9	2495	9.6	155832.0	-6910.3	2585	10.1	162237.0	-6932.0
2406	9.6	152352.8	-6949.6	2496	9.1	155836.5	-6920.7	2586	9.2	162239.0	-6924.0
2407	9.5	152400.7	-6902.1	2497	9.4	155909.0	-6925.9	2587	9.0	162244.0	-6920.0
2408	9.8	152404.3	-6928.0	2498	9.4	155921.5	-6938.9	2588	10.1	162256.5	-6904.4
2409	9.6	152412.1	-6946.5	2499	8.0	155922.5	-6917.1	2589	10.0	162303.5	-6949.0
2410	9.6	152442.2	-6955.3	2500	9.4	160012.5	-6912.0	2590	9.6	162327.0	-6943.7
2411	9.6	152552.2	-6912.0	2501	9.6	160034.5	-6952.2	2591	10.1	162426.5	-6934.7
2412	9.0	152557.0	-6906.8	2502	9.4	160130.0	-6908.0	2592	9.4	162508.5	-6947.7
2413	8.8	152606.5	-6938.8	2503	9.1	160147.0	-6935.9	2593	10.1	162536.5	-6928.6
2414	9.1	152616.5	-6913.1	2504	9.4	160206.5	-6907.1	2594	10.1	162536.5	-6923.0
2415	9.2	152638.5	-6913.2	2505	9.4	160223.0	-6932.0	2595	10.1	162538.5	-6902.0
2416	9.2	152652.5	-6939.0	2506	9.6	160226.0	-6923.0	2596	8.6	162549.5	-6954.5
2417	9.0	152706.5	-6904.4	2507	9.4	160326.5	-6948.1	2597	10.0	162556.5	-6944.3
2418	9.3	152706.5	-6935.2	2508	9.6	160521.0	-6927.1	2598	10.0	162629.0	-6956.1
2419	9.2	152721.0	-6942.1	2509	9.6	160530.0	-6925.1	2599	10.1	162703.0	-6946.1
2420	9.1	152728.0	-6957.3	2510	9.6	160531.0	-6933.0	2600	10.0	162709.5	-6908.6
2421	9.3	152736.5	-6937.9	2511	9.4	160538.1	-6900.1	2601	8.5	162724.5	-6937.6
2422	7.2	152738.0	-6948.6	2512	9.2	160552.0	-6909.4	2602	10.1	162725.0	-6918.7
2423	9.3	152748.0	-6946.5	2513	9.6	160615.5	-6908.0	2603	9.0	162730.5	-6941.9
2424	9.6	152802.5	-6935.2	2514	10.0	160636.5	-6920.7	2604	10.1	162739.5	-6951.8
2425	9.2	152900.0	-6947.2	2515	9.0	160651.5	-6958.9	2605	10.0	162749.0	-6928.8
2426	7.8	153053.0	-6951.5	2516	8.8	160654.5	-6939.1	2606	10.0	162749.5	-6950.0
2427	9.6	153057.5	-6939.5	2517	10.1	160712.5	-6929.0	2607	8.6	162750.0	-6909.2
2428	9.4	153128.5	-6905.2	2518	10.0	160715.5	-6907.9	2608	9.4	162810.0	-6937.0
2429	8.5	153140.5	-6953.3	2519	8.8	160811.5	-6920.3	2609	9.2	162858.0	-6924.3
2430	9.1	153154.5	-6939.2	2520	10.0	160811.5	-6957.4	2610	10.1	162901.5	-6928.7
2431	9.4	153157.5	-6926.9	2521	8.6	160825.0	-6924.8	2611	9.2	162916.0	-6943.0
2432	9.4	153224.5	-6938.7	2522	10.1	160830.0	-6909.5	2612	9.4	162957.0	-6951.6
2433	9.4	153227.5	-6929.1	2523	10.1	160839.0	-6920.7	2613	10.0	163055.0	-6949.0
2434	9.2	153239.0	-6918.9	2524	10.1	160844.0	-6922.6	2614	10.1	163059.5	-6919.7
2435	9.4	153302.0	-6901.6	2525	9.8	160855.5	-6924.1	2615	10.1	163102.0	-6906.0
2436	9.6	153304.5	-6927.0	2526	9.4	160900.5	-6927.8	2616	9.6	163111.5	-6917.4
2437	9.6	153345.0	-6936.3	2527	10.0	160908.5	-6955.0	2617	10.0	163140.0	-6923.5
2438	9.6	153348.5	-6924.5	2528	9.6	160925.5	-6943.4	2618	9.8	163141.0	-6937.1
2439	9.5	153351.0	-6918.6	2529	10.1	160930.0	-6932.6	2619	8.6	163156.5	-6918.9
2440	9.6	153351.5	-6929.9	2530	9.0	160948.0	-6900.0	2620	9.6	163206.5	-6924.8
2441	8.7	153356.0	-6927.6	2531	10.0	160955.0	-6906.5	2621	9.4	163220.5	-6942.5
2442	9.3	153419.0	-6906.5	2532	9.4	161003.0	-6903.4	2622	10.1	163255.0	-6926.9
2443	9.6	153429.0	-6933.1	2533	8.6	161004.5	-6902.9	2623	9.8	163331.5	-6924.0
2444	9.3	153432.0	-6922.0	2534	10.1	161006.5	-6909.6	2624	10.1	163340.5	-6915.0
2445	9.1	153441.0	-6918.2	2535	9.6	161043.0	-6909.1	2625	9.0	163353.0	-6941.0
2446	9.2	153515.5	-6937.7	2536	8.1	161047.5	-6950.5	2626	9.4	163408.0	-6957.6
2447	9.4	153539.0	-6932.1	2537	10.1	161101.0	-6910.2	2627	10.0	163432.5	-6913.2
2448	9.3	153540.0	-6945.6	2538	9.4	16112 .5	-6940.1	2628	9.6	163450.0	-6954.7
2449	9.5	153544.5	-6929.8	2539	9.0	16113 .5	-6945.6	2629	9.4	163503.0	-6913.9
2450	9.2	153552.5	-6901.8	2540	10.1	16113 .0	-6950.5	2630	8.6	163530.5	-6927.4
2451	9.5	153600.3	-6958.9	2541	9.8	16114 .5	-6926.8	2631	10.1	163547.5	-6939.1
2452	9.1	153624.5	-6924.8	2542	10.0	161148.5	-6950.7	2632	9.6	163551.0	-6918.0
2453	9.2	153644.0	-6900.1	2543	10.0	161210.0	-6930.3	2633	9.6	163553.5	-6959.6
2454	9.1	153805.5	-6903.3	2544	10.0	161212.5	-6917.0	2634	10.0	163612.5	-6934.7
2455	8.4	153855.5	-6915.4	2545	9.0	161220.0	-6948.1	2635	9.7	163625.5	-6913.1
2456	8.8	153916.5	-6936.6	2546	10.0	161237.0	-6908.6	2636	8.4	163809.5	-6921.8
2457	9.2	153941.0	-6939.9	2547	10.1	161252.0	-6919.4	2637	10.1	163836.5	-6905.9
2458	9.0	154112.0	-6934.0	2548	9.4	161254.0	-6905.1	2638	10.0	163839.5	-6940.1
2459	9.1	154149.5	-6911.2	2549	9.7	161340.0	-6941.8	2639	10.1	163855.0	-6945.6
2460	9.3	154249.0	-6906.9	2550	9.2	161351.5	-6954.5	2640	9.6	163904.5	-6954.9
2461	9.5	154257.5	-6937.1	2551	9.4	161408.2	-6903.1	2641	9.6	163957.0	-6934.8
2462	9.0	154310.0	-6938.1	2552	10.0	161420.5	-6911.0	2642	7.0	164008.0	-6957.1
2463	9.2	154322.5	-6953.1	2553	6.9	161426.5	-6902.1	2643	9.8	164054.0	-6942.0
2464	8.9	154334.0	-6901.2	2554	10.0	161431.5	-6938.4	2644	10.1	164112.5	-6901.5
2465	9.0	154343.0	-6929.2	2555	7.5	161438.0	-6934.1	2645	9.2	164147.0	-6916.1
2466	9.1	154452.0	-6957.1	2556	9.8	161446.5	-6956.8	2646	10.0	164150.5	-6946.9
2467	9.6	154511.5	-6914.2	2557	10.0	161501.0	-6902.8	2647	7.2	164200.5	-6904.0
2468	9.6	154521.5	-6942.6	2558	5.1	161502.0	-6947.9	2648	10.0	164228.5	-6905.0
2469	9.3	154523.0	-6925.4	2559	9.6	161511.0	-6954.7	2649	9.4	164229.0	-6940.9
2470	9.0	154534.5	-6919.6	2560	9.6	161512.0	-6906.0	2650	9.4	164246.5	-6939.9
2471	9.2	154621.0	-6926.4	2561	10.1	161539.0	-6955.2	2651	9.2	164247.0	-6929.8
2472	8.9	154637.5	-6925.0	2562	9.6	161551.5	-6947.2	2652	10.1	164302.5	-6912.0
2473	9.4	154642.0	-6952.4	2563	9.8	161641.0	-6906.7	2653	9.4	164303.0	-6927.5
2474	9.6	154650.5	-6909.8	2564	9.6	161641.5	-6900.9	2654	9.8	164325.5	-6909.0
2475	9.4	154755.0	-6908.9	2565	10.1	161645.0	-6923.5	2655	9.4	164331.5	-6959.1
2476	9.6	154821.0	-6933.4	2566	10.1	161710.0	-6927.6	2656	10.1	164337.0	-6959.7
2477	9.6	154821.5	-6925.1	2567	9.6	161722.0	-6933.9	2657	9.8	164349.5	-6929.2
2478	9.6	154838.0	-6907.3	2568	9.4	161749.5	-6914.0	2658	9.7	164355.5	-6957.5
2479	9.2	154902.0	-6905.2	2569	10.0	161755.0	-6949.0	2659	10.1	164418.5	-6947.5
2480	9.6	154939.5	-6903.8	2570	10.0	161818.0	-6923.7	2660	10.1	164427.0	-6901.3
2481	9.0	154947.0	-6932.6	2571	10.0	161841.5	-6946.2	2661	9.6	164449.5	-6947.7
2482	9.5	155007.0	-6953.1	2572	8.8	161850.0	-6901.9	2662	9.7	164453.0	-6922.7
2483	9.6	155009.5	-6948.8	2573	9.2	161855.0	-6929.0	2663	9.7	164529.3	-6900.2
2484	8.5	155106.5	-6929.1	2574	9.4	161929.5	-6947.8	2664	10.1	164549.7	-6900.1
2485	9.2	155111.0	-6933.1	2575	9.4	161955.0	-6935.1	2665	9.2	164604.5	-6914.3
2486	9.0	155220.0	-6942.3	2576	9.4	162008.0	-6909.5	2666	5.4	164608.5	-6904.1
2487	9.6	155239.5	-6914.6	2577	9.7	162031.0	-6910.1	2667	9.6	164621.0	-6947.1
2668	10.1	164628.5	-6922.3								
2669	9.4	164651.5	-6921.7								
2670	10.1	164735.5	-6942.7								
2671	9.6	164801.0	-6953.0								
2672	10.0	164802.5	-6951.1								
2673	8.4	164821.5	-6913.0								
2674	9.8	164831.5	-6910.8								
2675	8.6	164905.3	-6911.0								
2676	9.0	164942.2	-6939.5								
2677	10.1	165000.0	-6933.1								
2678	10.1	165004.7	-6927.5								
2679	9.4	165041.5	-6940.0								
2680	10.1	165211.0	-6930.0								
2681	9.4	165225.5	-6933.1								
2682	8.8	165245.0	-6928.2								
2683	10.0	165313.0	-6901.0								
2684	9.6	165316.0	-6923.4								
2685	9.2	165325.8	-6958.8								
2686	8.4	165351.3	-6905.0								
2687	10.0	165440.5	-6907.7								
2688	9.8	165530.0	-6917.0								
2689	9.8	165602.5	-6941.1								
2690	9.8	165625.5	-6955.0								
2691	9.0	165655.5	-6959.4								
2692	9.8	165709.0	-6949.3								
2693	9.8	165719.5	-6901.8								
2694	9.7	165732.5	-6953.6								
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2697	9.8	165829.5	-6941.5								
2698	8.4	165842.5	-6955.3								
2699	9.0	165933.0	-6931.4								
2700	9.8	170002.0	-6931.9								
2701	9.8	170051.5	-6958.1								
2702	9.7	170055.5	-6938.8								
2703	9.1	170115.5	-6929.8								
2704	9.8	170204.5	-6937.0								
2705	9.0	170318.5	-6908.4								
2706	9.6	170331.0	-6951.5								
2707	9.4	170402.0	-6904.5								
2708	9.1	170407.0	-6925.1								
2709	8.8	170510.0	-6904.2								
2710	9.7	170512.5	-6912.0								
2711	9.8	170525.5	-6911.2								
2712	9.8	170536.0	-6955.7								
2713	9.8	170545.5	-6916.8								
2714	8.8	170620.5	-6956.4								
2715	7.2	170620.5	-6953.9								
2716	9.8	170633.0	-6908.5								
2717	9.4	170655.0	-6951.7								
2718	9.0	170715.5	-6957.1								
2719	5.7	170810.5	-6959.3								
2720	8.8	170826.5	-6958.0								
2721	9.2	170906.5	-6929.0								
2722	8.6	170951.0	-6917.2								
2723	9.4	171015.5	-6908.0								
2724	9.7	171120.0	-6948.3								
2725	9.8	171235.0	-6936.1								
2726	9.8	171354.0	-6901.9								
2727	9.8	171403.0	-6944.2								
2728	9.6	171409.5	-6944.0								
2729	8.5	171415.5	-6957.0								
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2731	9.1	171439.0	-6925.9								
2732	9.6	171443.5	-6940.7								
2733	9.1	171620.0	-6947.0								
2734	9.1	171627.0	-6925.7								
2735	9.0	171914.5	-6912.8								
2736	8.4	172004.5	-6953.0								
2737	9.1	172040.5	-6918.1								
2738	9.1	172147.0	-6940.2								
2739	9.6	172158.5	-6935.2								
2740	9.7	172242.5	-6914.1								
2741	9.8	172330.5	-6907.9								
2742	9.8	172349.0	-6942.1								
2743	8.2	172425.0	-6912.9								
2744	9.8	172436.0	-6932.2								
2745	9.6	172444.5	-6952.0								
2746	9.1	172517.5	-6943.1								
2747	9.8	172532.5	-6922.5								
2748	9.0	172657.0	-6903.9								
2749	9.0	172709.5	-6936.7								
2750	8.5	173030.0	-6957.6								
2751	8.8	173032.5	-6912.9								
2752	8.4	173053.0	-6944.4								
2753	9.8	173228.0	-6911.0								
2754	8.5	173418.5	-6930.1								
2755	7.2	173439.0	-6952.5								
2756	8.9	173451.7	-6909.3								
2757	9.8	173503.9	-6940.4								

-69 2758 17h35m

-69 3117 20h15m

2759	7.9	173537.7	-6941.6	2848	9.0	180046.5	-6945.8	2938	9.4	183413.5	-6959.0
2759	9.6	173538.4	-6924.4	2849	9.4	180049.5	-6926.8	2939	9.6	183428.0	-6905.6
2760	9.6	173617.4	-6937.8	2850	9.1	180130.0	-6924.1	2940	9.6	183501.0	-6905.1
2761	9.8	173648.9	-6913.3	2851	9.5	180144.0	-6935.8	2941	9.6	183557.0	-6950.8
2762	9.5	173657.9	-6954.2	2852	9.8	180208.0	-6934.9	2942	8.4	183834.0	-6918.3
2763	9.6	173718.1	-6929.1	2853	9.8	180219.5	-6910.3	2943	9.6	183850.5	-6912.9
2764	9.3	173731.6	-6953.4	2854	9.4	180255.0	-6958.3	2944	8.5	183953.5	-6958.3
2765	8.5	173737.1	-6952.5	2855	9.6	180315.5	-6909.8	2945	8.9	183955.0	-6928.8
2766	9.4	173737.6	-6937.7	2856	8.8	180319.5	-6951.4	2946	9.6	184142.0	-6920.9
2767	9.3	173806.1	-6940.6	2857	9.3	180343.5	-6933.0	2947	8.6	184205.5	-6956.1
2768	8.8	173811.1	-6958.5	2858	9.0	180356.0	-6949.4	2948	9.2	184418.0	-6937.7
2769	9.2	173840.0	-6930.2	2859	9.0	180448.5	-6923.9	2949	9.0	184418.5	-6953.9
2770	9.0	173842.8	-6948.6	2860	7.7	180453.0	-6938.0	2950	9.4	184428.5	-6946.0
2771	9.8	173918.6	-6939.7	2861	9.4	180515.0	-6908.1	2951	9.6	184808.0	-6905.0
2772	9.6	173928.1	-6921.8	2862	9.8	180523.0	-6915.5	2952	8.6	184816.0	-6937.9
2773	9.8	173929.6	-6944.9	2863	9.6	180611.0	-6929.7	2953	8.8	184922.0	-6907.9
2774	9.8	173942.6	-6931.1	2864	9.3	180629.5	-6906.2	2954	9.0	185330.5	-6916.5
2775	9.8	173953.1	-6908.6	2865	9.4	180646.5	-6919.7	2955	9.6	185402.0	-6912.0
2776	8.9	174000.3	-6900.8	2866	9.3	180648.5	-6904.9	2956	9.5	185412.0	-6933.2
2777	9.4	174004.1	-6935.7	2867	9.4	180727.0	-6927.5	2957	6.9	185423.0	-6904.0
2778	9.3	174015.1	-6939.5	2868	9.4	180820.0	-6931.8	2958	8.8	185435.5	-6959.6
2779	9.8	174017.1	-6932.3	2869	9.5	180823.5	-6918.9	2959	8.7	185603.5	-6924.0
2780	9.8	174017.6	-6907.9	2870	9.8	180838.5	-6955.0	2960	8.9	185731.5	-6924.6
2781	9.8	174033.6	-6935.1	2871	9.8	180856.0	-6947.7	2961	8.8	185925.0	-6918.6
2782	9.8	174054.3	-6914.6	2872	9.0	180907.0	-6913.2	2962	6.6	190302.5	-6923.9
2783	9.8	174213.1	-6917.5	2873	8.6	180919.5	-6933.3	2963	8.7	190412.8	-6939.8
2784	9.2	174217.1	-6955.1	2874	9.8	180920.0	-6905.4	2964	10.0	190503.3	-6940.0
2785	9.8	174225.1	-6930.5	2875	9.8	180932.0	-6908.3	2965	10.4	190509.3	-6916.5
2786	9.8	174259.6	-6923.3	2876	9.8	180954.0	-6916.3	2966	9.9	190546.3	-6937.8
2787	9.4	174308.1	-6958.7	2877	9.3	181006.0	-6912.8	2967	8.4	190550.8	-6936.6
2788	9.8	174326.1	-6954.1	2878	9.6	181022.5	-6911.2	2968	9.9	190552.8	-6950.8
2789	9.2	174348.1	-6941.1	2879	8.9	181109.6	-6900.9	2969	9.7	190653.3	-6904.9
2790	9.8	174439.1	-6945.9	2880	9.8	181110.0	-6924.8	2970	10.2	190654.8	-6910.6
2791	9.1	174441.1	-6900.9	2881	9.1	181112.5	-6914.0	2971	9.8	190659.6	-6900.7
2792	9.6	174450.1	-6905.7	2882	9.4	181132.0	-6940.8	2972	9.9	190702.8	-6936.9
2793	9.5	174457.1	-6954.9	2883	9.3	181203.0	-6917.5	2973	10.3	190716.3	-6946.8
2794	9.5	174518.1	-6926.5	2884	8.3	181237.0	-6934.1	2974	10.1	190749.3	-6951.1
2795	9.8	174524.6	-6907.4	2885	9.8	181244.0	-6906.7	2975	9.8	190758.3	-6918.6
2796	9.8	174527.6	-6935.6	2886	7.6	181316.0	-6926.4	2976	10.4	190802.8	-6934.4
2797	9.3	174531.6	-6946.8	2887	9.8	181342.0	-6939.6	2977	10.0	190802.8	-6908.4
2798	9.8	174559.8	-6922.3	2888	9.8	181410.5	-6936.2	2978	9.1	190805.8	-6937.8
2799	8.4	174601.8	-6905.4	2889	8.4	181421.5	-6922.7	2979	10.4	190814.8	-6940.8
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2801	9.3	174638.8	-6913.0	2891	9.6	181455.0	-6925.0	2981	10.3	190912.8	-6909.7
2802	9.2	174647.3	-6906.0	2892	9.8	181458.0	-6932.7	2982	9.7	190923.3	-6947.1
2803	9.6	174649.3	-6920.6	2893	9.8	181552.0	-6908.2	2983	8.0	191006.1	-6938.4
2804	8.4	174722.8	-6912.9	2894	8.4	181709.0	-6946.9	2984	9.7	191022.3	-6913.1
2805	9.0	174731.3	-6935.1	2895	9.8	181722.0	-6935.8	2985	9.7	191025.8	-6937.1
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2807	9.8	174733.8	-6920.0	2897	9.8	181915.0	-6928.6	2987	9.9	191052.8	-6947.0
2808	9.6	174741.8	-6910.9	2898	9.3	181925.5	-6926.1	2988	8.2	191058.8	-6922.4
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2810	9.8	174809.8	-6932.5	2900	9.3	181943.3	-6907.8	2990	9.9	191133.3	-6915.1
2811	9.0	174822.8	-6918.8	2901	9.3	181956.3	-6945.4	2991	9.8	191139.3	-6947.0
2812	9.1	174857.3	-6908.7	2902	9.6	182000.5	-6956.5	2992	9.2	191203.3	-6936.6
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2814	9.8	174926.3	-6952.0	2904	9.8	182019.5	-6917.7	2994	9.0	191210.3	-6931.7
2815	9.0	174939.8	-6926.4	2905	9.6	182035.5	-6952.0	2995	10.0	191234.8	-6925.8
2816	9.1	175020.8	-6930.3	2906	9.6	182053.5	-6902.7	2996	9.9	191331.8	-6933.2
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2835	9.9	175653.5	-6904.9	2925	9.6	182629.0	-6927.9	3015	10.4	191959.6	-6934.3
2836	9.8	175654.0	-6921.6	2926	9.6	182659.0	-6946.0	3016	9.5	192025.3	-6905.2
2837	9.6	175656.5	-6921.7	2927	9.6	182701.0	-6944.5	3017	10.4	192042.8	-6925.6
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2844	9.6	180024.0	-6917.0	2934	9.0	182833.0	-6942.1	3024	8.6	192242.8	-6955.9
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3057	10.3	193937.3	-6927.1								
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3071	9.4	194539.8	-6944.6								
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-69 3118 20h16m

-70 128 2h05m

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3131 9.0 203159.0 -6900.8	3221 9.5 220138.0 -6917.9	3311 9.4 230722.5 -6950.3	52 10.3 10650.7 -7037.2
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189 9.8 25259.6 -7039.5	279 9.6 40752.0 -7007.5	369 9.5 50911.0 -7052.4	459 9.7 55201.0 -7037.5
190 8.6 25301.1 -7033.3	280 9.4 40827.5 -7033.0	370 9.6 51018.0 -7016.3	460 9.5 55225.0 -7049.0
191 10.2 25316.6 -7006.2	281 9.7 40907.0 -7045.5	371 9.5 51107.0 -7041.9	461 10.1 55244.0 -7018.6
192 9.8 25447.6 -7007.5	282 9.7 41119.0 -7002.5	372 9.6 51125.0 -7036.0	462 8.1 55253.0 -7030.2
193 8.8 25502.6 -7021.1	283 9.7 41156.0 -7052.6	373 9.4 51240.0 -7034.6	463 9.9 55254.0 -7041.5
194 10.2 25609.6 -7042.9	284 9.2 41242.5 -7042.1	374 9.2 51255.0 -7031.9	464 9.7 55303.0 -7054.4
195 9.8 25640.1 -7048.6	285 9.5 41321.5 -7057.0	375 9.4 51533.0 -7005.3	465 9.7 55356.0 -7056.3
196 9.6 25750.6 -7034.0	286 9.6 41353.0 -7053.0	376 9.7 51536.0 -7005.4	466 9.9 55423.2 -7059.6
197 9.0 25826.1 -7011.4	287 7.7 41354.0 -7044.0	377 8.7 51555.0 -7043.1	467 9.0 55438.0 -7051.0
198 9.3 25840.1 -7044.8	288 9.4 41421.0 -7049.0	378 9.4 51609.0 -7025.0	468 10.0 55502.0 -7059.3
199 9.8 25902.1 -7046.0	289 9.2 41442.0 -7054.0	379 9.2 51651.0 -7010.6	469 9.9 55527.0 -7039.1
200 9.8 25935.1 -7035.9	290 8.2 41713.0 -7001.9	380 9.4 51655.0 -7037.9	470 9.6 55531.0 -7039.8
201 8.3 30050.6 -7010.4	291 9.7 41725.3 -7001.5	381 8.5 51722.0 -7035.1	471 10.0 55544.0 -7036.1
202 10.0 30223.6 -7057.0	292 9.6 41750.0 -7011.7	382 9.2 51831.0 -7023.2	472 8.2 55621.0 -7031.7
203 10.0 30224.6 -7022.5	293 9.6 41910.0 -7019.9	383 9.7 52044.0 -7004.2	473 9.8 55648.0 -7057.8
204 8.6 30239.6 -7057.8	294 8.8 42106.0 -7044.5	384 8.8 52139.0 -7051.4	474 10.2 55701.0 -7015.1
205 9.4 30240.6 -7014.0	295 9.7 42200.0 -7002.0	385 9.7 52259.0 -7006.0	475 9.0 55756.0 -7018.0
206 10.2 30258.1 -7023.6	296 9.0 42213.0 -7009.7	386 9.0 52305.0 -7041.1	476 10.0 55814.0 -7017.8
207 9.8 30313.1 -7000.2	297 9.2 42302.0 -7057.0	387 9.6 52347.0 -7021.9	477 9.5 55920.0 -7013.1
208 10.2 30513.6 -7037.2	298 9.7 42503.0 -7040.9	388 9.6 52451.0 -7013.6	478 9.6 60217.0 -7016.0
209 8.8 30656.6 -7022.0	299 9.7 42522.0 -7042.6	389 9.4 52523.0 -7007.5	479 10.1 60221.0 -7018.1
210 10.2 30714.6 -7007.6	300 8.2 42622.0 -7016.2	390 9.6 52614.0 -7022.3	480 8.2 60234.0 -7000.8
211 9.3 30725.6 -7035.0	301 9.6 42640.0 -7018.7	391 9.6 52643.0 -7017.7	481 8.8 60303.0 -7006.4
212 9.6 30758.6 -7056.5	302 9.6 42643.0 -7010.0	392 9.7 52745.0 -7049.4	482 10.1 60315.0 -7057.7
213 10.2 30940.6 -7016.8	303 9.2 42732.0 -7039.3	393 8.8 52753.0 -7009.9	483 9.5 60336.0 -7040.0
214 8.5 31044.1 -7015.6	304 9.0 42804.0 -7001.8	394 9.1 52811.0 -7050.1	484 10.2 60426.0 -7037.6
215 9.6 31107.6 -7027.9	305 9.5 42931.0 -7027.5	395 9.6 52827.0 -7051.1	485 10.0 60615.0 -7005.3
216 9.8 31400.4 -7031.8	306 9.6 43018.0 -7009.9	396 9.1 52905.0 -7037.1	486 8.8 60654.0 -7026.7
217 7.5 31417.9 -7014.4	307 9.0 43055.0 -7039.4	397 9.7 52926.0 -7001.5	487 9.5 60657.0 -7005.2
218 10.2 31448.4 -7045.7	308 9.6 43104.0 -7031.8	398 8.7 53002.0 -7059.9	488 9.9 60745.0 -7037.8

-70 489 6h08m

-70 848 8h58m

489	9.4	60819.0	-7030.6	579	10.0	65528.5	-7002.6	669	8.4	73809.0	-7017.2	759	10.0	81950.5	-7046.0
490	9.8	61001.5	-7057.7	580	10.1	65551.5	-7004.0	670	9.9	73824.0	-7003.6	760	9.5	82001.5	-7043.4
491	8.6	61056.0	-7016.1	581	6.8	65627.5	-7019.4	671	9.2	73847.5	-7035.5	761	9.2	82016.5	-7046.8
492	9.0	61150.0	-7020.0	582	10.0	65627.5	-7001.2	672	9.4	73958.5	-7034.6	762	10.0	82040.5	-7010.0
493	9.9	61202.0	-7038.2	583	10.0	65659.5	-7016.3	673	8.0	74010.5	-7009.1	763	10.0	82126.5	-7009.4
494	10.2	61214.0	-7007.4	584	10.1	65702.5	-7038.6	674	9.9	74031.5	-7058.9	764	10.0	82130.5	-7054.8
495	9.4	61241.0	-7028.6	585	10.0	65725.5	-7051.0	675	9.8	74100.5	-7028.0	765	8.8	82204.5	-7002.1
496	9.9	61508.0	-7009.4	586	10.0	65837.5	-7024.0	676	9.5	74121.0	-7059.8	766	9.0	82242.5	-7042.3
497	9.6	61512.0	-7031.0	587	9.2	65844.5	-7035.8	677	10.0	74155.0	-7011.9	767	9.3	82244.5	-7059.4
498	9.7	61532.0	-7009.1	588	9.2	65913.5	-7039.5	678	8.4	74200.5	-7054.7	768	8.4	82306.5	-7037.8
499	9.9	61551.0	-7013.4	589	10.1	65935.5	-7028.0	679	10.2	74203.5	-7048.7	769	9.5	82327.5	-7037.6
500	9.1	61601.0	-7007.0	590	8.5	70255.5	-7022.8	680	9.1	74217.5	-7029.6	770	9.5	82416.5	-7047.1
501	9.0	61617.0	-7032.8	591	8.6	70343.3	-7051.2	681	10.4	74249.0	-7021.5	771	10.0	82420.5	-7049.7
502	9.3	61627.0	-7024.8	592	10.3	70410.0	-7021.9	682	10.4	74335.0	-7032.6	772	10.0	82535.5	-7008.2
503	9.9	61802.0	-7052.9	593	7.9	70419.0	-7021.0	683	9.7	74433.5	-7027.7	773	9.7	82542.5	-7044.1
504	9.6	61824.5	-7048.0	594	9.8	70451.0	-7027.0	684	10.4	74455.0	-7034.4	774	8.4	82542.5	-7038.2
505	9.8	61830.0	-7044.0	595	10.4	70514.5	-7028.0	685	10.4	74457.5	-7031.9	775	9.7	82548.5	-7055.6
506	9.6	61910.0	-7044.7	596	10.2	70619.0	-7008.0	686	9.8	74605.0	-7006.9	776	9.4	82740.5	-7012.8
507	10.1	61940.0	-7039.0	597	10.2	70651.5	-7044.0	687	10.0	74635.0	-7035.9	777	10.0	82741.5	-7000.0
508	10.0	61941.0	-7004.4	598	9.8	70731.5	-7051.0	688	8.6	74909.0	-7037.9	778	10.0	82855.5	-7001.6
509	9.6	62206.0	-7029.1	599	9.8	70750.2	-7029.0	689	9.8	74954.3	-7042.2	779	10.0	82931.5	-7005.6
510	10.0	62308.0	-7022.6	600	5.2	70946.5	-7017.8	690	10.0	75036.0	-7013.9	780	10.0	83003.4	-7039.6
511	9.4	62330.5	-7023.1	601	9.6	71039.5	-7052.0	691	10.0	75049.0	-7041.6	781	9.0	83006.5	-7040.0
512	10.0	62333.4	-7000.3	602	9.8	71049.5	-7021.1	692	9.8	75109.0	-7012.8	782	9.0	83026.5	-7046.2
513	10.1	62434.0	-7036.6	603	9.1	71054.5	-7027.9	693	8.8	75109.5	-7010.5	783	9.5	83033.5	-7005.0
514	7.9	62443.5	-7052.5	604	9.9	71118.0	-7041.9	694	8.3	75123.2	-7027.2	784	7.8	83036.5	-7025.0
515	8.0	62520.0	-7006.9	605	9.2	71125.5	-7008.2	695	9.1	75215.0	-7046.0	785	9.9	83106.5	-7042.0
516	9.2	62640.0	-7055.3	606	9.7	71129.0	-7055.0	696	10.0	75421.0	-7047.0	786	10.0	83110.5	-7037.0
517	9.8	62650.3	-7001.8	607	9.6	71148.5	-7022.1	697	9.4	75525.0	-7058.1	787	9.7	83206.5	-7001.6
518	9.7	62708.0	-7053.0	608	9.9	71149.5	-7038.9	698	10.0	75535.0	-7055.6	788	9.4	83214.5	-7039.6
519	9.8	62730.0	-7017.0	609	10.4	71218.5	-7011.0	699	10.0	75550.0	-7015.0	789	10.0	83234.0	-7000.1
520	10.0	62756.0	-7003.6	610	9.2	71230.5	-7033.6	700	10.0	75601.0	-7003.5	790	10.0	83350.5	-7019.8
521	10.1	62832.0	-7051.0	611	10.0	71253.5	-7037.9	701	9.8	75627.0	-7033.0	791	10.0	83444.5	-7021.0
522	9.6	62930.0	-7047.6	612	9.8	71324.5	-7013.1	702	8.4	75716.0	-7022.6	792	10.0	83500.5	-7017.8
523	9.9	62931.0	-7049.8	613	8.7	71432.5	-7018.8	703	9.9	75733.0	-7048.8	793	9.2	83511.0	-7019.1
524	9.7	62936.0	-7010.2	614	10.4	71541.0	-7049.2	704	10.0	75835.0	-7012.6	794	9.5	83534.5	-7048.7
525	10.0	62942.0	-7011.0	615	10.4	71638.0	-7058.7	705	9.2	75905.6	-7002.5	795	9.7	83556.0	-7012.1
526	9.9	63043.0	-7003.0	616	10.2	71639.5	-7022.0	706	10.0	80003.0	-7039.5	796	7.4	83601.5	-7014.4
527	10.1	63122.0	-7021.9	617	10.2	71657.5	-7034.0	707	10.0	80031.0	-7037.6	797	10.0	83602.0	-7039.6
528	9.2	63125.0	-7023.1	618	9.8	71712.5	-7049.7	708	9.8	80047.0	-7010.0	798	9.8	83603.5	-7009.9
529	9.6	63125.0	-7031.8	619	10.4	71721.5	-7032.6	709	9.2	80106.0	-7029.4	799	9.6	83612.7	-7002.0
530	9.6	63213.0	-7047.0	620	10.3	71812.0	-7027.0	710	9.5	80151.0	-7001.0	800	9.5	83613.5	-7000.0
531	10.1	63222.0	-7033.0	621	9.7	71815.0	-7010.0	711	10.0	80155.0	-7026.6	801	9.4	83715.0	-7009.8
532	9.8	63229.0	-7038.5	622	10.3	71815.0	-7022.9	712	9.8	80213.0	-7014.0	802	9.6	83715.0	-7053.6
533	7.8	63236.0	-7025.1	623	10.2	71835.0	-7015.8	713	9.8	80246.0	-7043.0	803	9.8	83725.5	-7006.9
534	9.2	63405.0	-7012.6	624	10.4	71838.5	-7052.5	714	9.8	80247.0	-7047.0	804	9.6	83730.0	-7030.6
535	9.9	63422.0	-7037.2	625	10.2	71845.2	-7058.5	715	9.8	80314.0	-7024.0	805	9.8	83735.0	-7054.7
536	10.1	63453.0	-7056.5	626	9.9	72003.2	-7057.9	716	10.0	80336.0	-7039.1	806	9.7	83736.0	-7023.5
537	8.9	63534.0	-7053.7	627	10.2	72103.5	-7016.6	717	9.8	80341.0	-7059.0	807	10.1	83840.5	-7033.0
538	9.9	63550.0	-7017.3	628	9.5	72132.5	-7004.4	718	9.6	80413.0	-7021.4	808	10.1	83902.5	-7017.8
539	9.6	63626.0	-7051.8	629	10.3	72141.0	-7054.0	719	10.0	80414.0	-7038.8	809	8.5	84003.0	-7052.3
540	9.0	63637.0	-7034.7	630	10.4	72158.5	-7004.1	720	9.6	80431.5	-7058.2	810	9.7	84018.0	-7022.5
541	10.1	63750.0	-7009.6	631	10.4	72213.0	-7027.9	721	9.8	80436.0	-7009.6	811	9.9	84024.0	-7001.9
542	7.8	63841.0	-7048.2	632	9.2	72224.5	-7003.9	722	9.3	80459.0	-7010.0	812	10.0	84048.5	-7008.0
543	7.7	63902.0	-7029.2	633	10.2	72226.2	-7001.3	723	10.0	80547.0	-7051.3	813	9.9	84053.0	-7034.3
544	8.6	63926.0	-7049.6	634	9.2	72227.5	-7044.8	724	9.7	80552.0	-7049.3	814	10.1	84105.5	-7038.7
545	10.0	63936.0	-7055.0	635	9.2	72229.0	-7001.2	725	10.0	80629.0	-7041.0	815	10.1	84155.5	-7011.3
546	10.0	64009.0	-7010.5	636	9.6	72246.0	-7048.9	726	8.8	80631.0	-7010.7	816	9.7	84206.5	-7039.3
547	10.0	64011.0	-7035.7	637	10.3	72250.5	-7050.8	727	9.6	80759.0	-7052.2	817	9.6	84226.5	-7011.1
548	9.2	64032.0	-7037.4	638	7.9	72404.5	-7023.3	728	9.3	80825.0	-7030.4	818	9.0	84358.5	-7030.6
549	9.4	64140.0	-7011.3	639	10.4	72415.5	-7015.8	729	9.4	80947.0	-7000.2	819	9.6	84402.5	-7029.9
550	10.1	64212.0	-7039.5	640	9.4	72419.0	-7037.9	730	9.8	81013.0	-7058.7	820	9.5	84437.5	-7029.9
551	10.0	64216.0	-7039.0	641	10.4	72427.5	-7020.0	731	10.0	81027.0	-7050.9	821	10.1	84442.5	-7026.6
552	7.2	64226.0	-7031.6	642	8.6	72429.0	-7018.9	732	8.2	81050.5	-7024.4	822	9.4	84446.5	-7008.0
553	10.0	64340.5	-7028.0	643	10.0	72440.0	-7016.0	733	10.0	81050.5	-7033.6	823	10.1	84502.5	-7003.6
554	9.8	64405.5	-7031.8	644	7.8	72452.0	-7031.3	734	10.0	81116.5	-7021.9	824	10.0	84519.5	-7019.8
555	9.2	64409.5	-7033.8	645	9.6	72456.5	-7043.9	735	8.4	81117.2	-7057.2	825	9.7	84539.5	-7011.9
556	8.4	64433.5	-7013.3	646	9.6	72510.0	-7034.0	736	10.0	81126.0	-7048.0	826	10.1	84718.5	-7026.8
557	10.1	64502.5	-7003.0	647	10.4	72550.5	-7047.9	737	8.4	81140.5	-7008.0	827	7.9	84741.5	-7051.0
558	10.0	64558.0	-7001.6	648	8.6	72559.0	-7009.0	738	8.0	81238.5	-7053.0	828	10.1	84741.5	-7025.7
559	9.7	64608.5	-7050.0	649	9.9	72709.5	-7034.2	739	9.1	81247.5	-7049.8	829	10.1	84835.5	-7056.0
560	7.7	64610.5	-7017.8	650	9.8	72726.0	-7044.3	740	9.3	81339.8	-7003.0	830	10.1	84840.5	-7002.4
561	9.9	64617.5	-7019.6	651	10.4	72819.5	-7047.1	741	9.7	81346.5	-7041.2	831	10.0	84844.5	-7005.9
562	8.8	64653.5	-7040.0	652	8.4	72846.5	-7029.6	742	10.0	81355.5	-7036.2	832	9.4	84920.5	-7012.7
563	9.9	64704.5	-7026.5	653	10.4	72936.0	-7007.1	743	10.0	81426.5	-7014.5	833	9.2	85000.5	-7046.2
564	8.3	64706.5	-7023.0	654	10.2	72950.0	-7014.0	744	10.0	81427.5	-7041.2	834	9.4	85035.5	-7038.9
565	7.8	64741.5	-7053.5	655	8.9	73023.0	-7031.6	745	10.0	81434.5	-7059.7	835	9.4	85039.5	-7043.9
566	9.2	64818.5	-7019.5	656	9.4	73029.0	-7034.5	746	10.0	81444.5	-7045.8	836	8.7	85105.5	-7048.7
567	10.0	65120.5	-7031.0	657	10.3	73041.5	-7003.9	747	9.0	81500.0	-7026.2	837	9.5	85121.5	-7057.4
568	9.0	65138.5	-7047.5	658	9.4	73142.0	-7035.0	748	10.0	81523.5	-7032.3	838	9.8	85155.5	-7020.4
569	9.9	65153.5	-7006.6	659	10.4	73314.5	-7033.0	749	9.8	81603.5	-7050.0	839	9.7	85216.5	-7027.7
570	10.1	65206.5	-7001.8	660	10.0	73315.0	-7010.6	750	10.0	81605.5	-7025.0	840	9.9	85255.5	-7054.7
571	10.0	65217.5	-7040.9	661	10.3	73338.5	-7058.7	751	8.4	81616.5	-7000.8	841	10.0	85258.5	-7008.2
572	5.0	65249.5	-7048.4	662	9.6	73417.5	-7059.0	752	9.7	81640.5	-7053.0	842	9.7	85334.5	-7036.1
573	10.0	65308.5	-7000.4	663	9.8	73449.5	-7053.0	753	9.7	81744.5	-7001.5	843	8.0	85628.5	-7031.9
574	8.2	65350.5	-7021.0	664	8.0	73517.0	-7006.2	754	9.0	81816.5	-7032.2	844	10.1	85628.5	-7015.0
575	10.1	65402.5	-7016.0	665	9.6	73551.5	-7027.8	755	10.0	81836.5	-7010.0	845	8.4	85653.5	-7039.0
576	10.0	65403.5	-7044.1	666	7.6	73624.5	-7014.4	756	10.0	81856.5	-7021.6	846	10.0	85702.5	-7013.2
577	10.1	65403.5	-7017.7	667	10.3	73700.0	-7050.7	757	10.0	81926.5	-7015.0	847	10.0	85744.5	-7035.8
578	9.0	65449.5	-7006.4	668	10.2	73714.0	-7017.1	758	9.3	81946.5	-7017.2	848	9.2	85820.5	-7017.1

849 9.6 85854.5 -7050.4	939 9.6 94305.0 -7059.1	1029 9.5 101501.5 -7059.9	1119 9.8 102828.0 -7021.5
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1252	9.9	105128.0	-7006.6	1342	8.9	110827.0	-7051.0	1432	9.5	114421.5	-7035.6
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1254	9.4	105138.5	-7047.2	1344	9.6	110855.0	-7012.1	1434	9.1	114453.5	-7023.9
1255	9.4	105141.5	-7010.0	1345	9.4	110909.0	-7009.0	1435	8.8	114501.5	-7047.8
1256	9.9	105207.0	-7010.3	1346	9.5	110949.0	-7058.1	1436	9.1	114502.5	-7006.9
1257	9.9	105216.0	-7045.2	1347	8.8	110951.0	-7027.9	1437	9.5	114512.5	-7044.0
1258	9.9	105217.0	-7026.4	1348	9.1	111022.0	-7007.6	1438	9.6	114713.5	-7022.9
1259	9.8	105243.0	-7027.2	1349	9.	111110.0	-7000.9	1439	8.6	114714.5	-7007.9
1260	8.3	105253.5	-7041.2	1350	9.2	111111.0	-7013.8	1440	8.7	114750.5	-7035.9
1261	8.3	105254.5	-7041.3	1351	9.	111120.0	-7001.3	1441	9.6	114755.5	-7036.5
1262	9.1	105310.5	-7006.0	1352	9.5	111144.0	-7021.1	1442	9.0	114809.5	-7045.4
1263	9.9	105312.0	-7056.2	1353	9.6	111213.0	-7048.9	1443	8.8	114848.5	-7010.9
1264	7.6	105335.0	-7026.2	1354	9.6	111240.0	-7027.1	1444	9.6	114849.5	-7035.7
1265	9.9	105348.0	-7016.1	1355	9.6	111241.0	-7056.6	1445	8.5	115019.0	-7057.5
1266	9.4	105355.5	-7032.9	1356	8.9	111252.0	-7017.7	1446	9.4	115050.5	-7038.2
1267	9.2	105431.5	-7007.2	1357	9.6	111340.0	-7020.9	1447	9.1	115134.5	-7040.1
1268	9.6	105440.5	-7035.1	1358	9.6	111350.5	-7047.4	1448	7.2	115216.5	-7002.7
1269	9.6	105501.5	-7057.7	1359	9.4	111413.5	-7020.5	1449	9.6	115327.5	-7006.6
1270	9.5	105507.0	-7058.3	1360	9.4	111442.0	-7051.8	1450	8.9	115352.5	-7020.4
1271	9.6	105515.5	-7054.1	1361	9.2	111446.5	-7033.8	1451	9.2	115412.5	-7013.1
1272	9.4	105601.5	-7055.2	1362	9.2	111455.5	-7031.1	1452	9.5	115456.5	-7037.9
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1281	8.9	105747.5	-7049.6	1371	9.6	111753.5	-7042.5	1461	9.4	120008.0	-7003.9
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1283	9.6	105756.5	-7047.7	1373	9.6	111919.5	-7021.2	1463	9.3	120106.0	-7006.8
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1285	9.4	105822.5	-7033.0	1375	9.4	112046.5	-7016.2	1465	8.6	120258.0	-7009.3
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1288	9.4	105844.5	-7039.9	1378	9.1	112111.5	-7002.8	1468	8.6	120458.0	-7028.9
1289	9.0	105846.5	-7019.3	1379	9.2	112133.5	-7045.6	1469	9.3	120548.0	-7034.9
1290	8.1	105909.5	-7057.1	1380	9.2	112228.8	-7058.3	1470	8.0	120623.0	-7005.2
1291	9.2	105911.5	-7045.7	1381	7.9	112309.5	-7025.8	1471	9.3	120633.0	-7006.0
1292	7.9	105934.5	-7019.5	1382	9.3	112317.5	-7020.1	1472	8.0	120801.0	-7050.2
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1295	9.0	110010.5	-7010.8	1385	9.2	112518.5	-7043.5	1475	8.8	120923.0	-7007.9
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1297	8.2	110100.5	-7012.0	1387	9.6	112603.5	-7041.1	1477	8.2	121029.0	-7011.9
1298	7.9	110115.5	-7024.5	1388	9.4	112610.5	-7057.3	1478	9.6	121231.0	-7010.3
1479	9.5	121419.0	-7026.0								
1480	9.0	121713.0	-7025.7								
1481	7.6	121753.0	-7002.1								
1482	9.2	121936.0	-7031.0								
1483	9.4	122005.0	-7058.3								
1484	9.2	122019.5	-7044.0								
1485	9.8	122026.0	-7005.9								
1486	9.8	122045.0	-7034.0								
1487	9.4	122128.0	-7000.9								
1488	9.4	122138.0	-7019.1								
1489	9.5	122157.0	-7011.0								
1490	9.6	122322.0	-7043.3								
1491	9.4	122409.0	-7056.9								
1492	9.6	122600.0	-7041.2								
1493	9.3	122621.0	-7058.5								
1494	9.5	122709.0	-7025.6								
1495	9.6	122712.0	-7032.9								
1496	9.8	122855.0	-7027.0								
1497	9.0	122929.0	-7035.7								
1498	9.6	122936.0	-7006.7								
1499	9.6	122939.0	-7005.4								
1500	9.4	123056.0	-7008.3								
1501	9.8	123122.0	-7031.0								
1502	8.7	123139.0	-7056.0								
1503	7.9	123235.3	-7057.5								
1504	9.4	123310.0	-7020.0								
1505	9.6	123409.0	-7055.7								
1506	9.5	123424.0	-7031.0								
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1508	9.8	123510.0	-7009.0								
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1510	9.6	123555.0	-7044.4								
1511	8.4	123602.0	-7021.1								
1512	9.8	123631.0	-7011.8								
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1514	9.8	123715.0	-7017.0								
1515	9.4	123729.0	-7012.2								
1516	9.3	123743.0	-7000.9								
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1518	9.6	123805.0	-7056.2								
1519	9.0	123830.0	-7038.3								
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1521	9.4	123902.0	-7011.8								
1522	8.2	123959.0	-7054.9								
1523	8.5	124033.0	-7023.6								
1524	9.4	124045.0	-7031.4								
1525	9.6	124125.0	-7014.0								
1526	8.0	124229.0	-7056.5								
1527	9.2	124259.0	-7050.7								
1528	9.4	124345.0	-7027.0								
1529	8.4	124436.0	-7058.2								
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1531	9.8	124450.0	-7048.1								
1532	9.8	124500.0	-7017.0								
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1535	9.7	124603.0	-7038.2								
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1538	9.8	124754.0	-7035.9								
1539	9.3	124808.0	-7053.7								
1540	9.7	124920.0	-7044.0								
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1542	9.2	125100.0	-7041.0								
1543	8.2	125120.0	-7009.5								
1544	9.6	125133.0	-7000.7								
1545	9.7	125232.0	-7034.0								
1546	8.9	125313.0	-7010.4								
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1548	6.6	125343.0	-7052.3								
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1550	9.6	125412.3	-7002.0								
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1553	6.1	125437.0	-7048.0								
1554	9.7	125449.0	-7036.4								
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1556	9.7	125500.0	-7002.3								
1557	9.8	125513.0	-7016.1								
1558	9.5	125515.0	-7039.3								
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1560	9.4	125658.0	-7014.2								
1561	9.5	125720.0	-7050.1								
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1564	9.6	130038.3	-7000.3								
1565	9.2	130048.0	-7040.0								
1566	9.6	130209.0	-7005.9								
1567	8.0	130214.0	-7008.5								
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1569	9.6	130233.0	-7031.3	1659	8.8	133311.0	-7005.7	1749	9.6	141432.0	-7041.8
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1574	9.1	130503.0	-7022.0	1664	8.8	133518.0	-7054.1	1754	9.6	141608.0	-7018.2
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1578	9.9	130703.0	-7035.6	1668	9.9	133656.0	-7041.1	1758	8.8	141729.0	-7000.3
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1581	9.7	130830.0	-7031.1	1671	9.9	133803.0	-7022.2	1761	9.0	141835.0	-7013.6
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1583	9.5	130849.5	-7034.0	1673	9.9	133845.0	-7058.1	1763	9.5	141923.0	-7007.2
1584	9.9	130924.0	-7003.7	1674	8.7	133922.0	-7005.1	1764	9.4	141929.0	-7025.0
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1586	9.8	131012.0	-7034.0	1676	9.4	133944.0	-7029.8	1766	9.4	142024.0	-7023.2
1587	9.9	131032.0	-7000.6	1677	9.0	133946.5	-7000.7	1767	9.4	142029.0	-7004.4
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1593	9.6	131236.0	-7000.2	1683	9.9	134144.0	-7019.5	1773	8.5	142158.0	-7003.7
1594	9.6	131252.0	-7020.5	1684	8.5	134201.0	-7008.1	1774	9.0	142231.0	-7054.6
1595	9.8	131325.0	-7021.0	1685	9.0	134237.0	-7033.2	1775	9.5	142356.0	-7044.7
1596	9.9	131419.0	-7058.2	1686	9.4	134241.0	-7038.0	1776	9.4	142406.0	-7006.0
1597	9.9	131436.0	-7007.1	1687	9.7	134337.0	-7040.1	1777	9.5	142519.0	-7011.2
1598	9.7	131437.0	-7007.0	1688	9.9	134344.0	-7026.6	1778	9.4	142520.0	-7006.7
1599	9.7	131455.0	-7047.0	1689	9.5	134425.0	-7045.8	1779	9.2	142525.0	-7031.9
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1602	9.5	131510.0	-7021.3	1692	8.2	134618.0	-7011.3	1782	9.5	142930.0	-7024.5
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1604	9.7	131555.0	-7012.1	1694	9.5	134839.2	-7058.9	1784	9.0	143000.0	-7030.2
1605	9.8	131558.5	-7059.3	1695	9.9	134840.0	-7004.2	1785	9.4	143106.1	-7020.2
1606	9.7	131633.0	-7027.8	1696	9.9	134847.0	-7018.0	1786	8.8	143215.0	-7056.4
1607	9.8	131634.0	-7015.9	1697	9.9	135119.0	-7047.2	1787	8.8	143316.0	-7018.9
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1610	9.9	131642.0	-7035.0	1700	8.5	135246.5	-7032.1	1790	9.4	143448.0	-7023.2
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1612	9.9	131650.0	-7017.1	1702	9.9	135258.2	-7000.4	1792	9.6	143516.2	-7008.9
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1614	9.5	131816.0	-7037.1	1704	8.8	135404.0	-7011.5	1794	9.6	143534.7	-7056.2
1615	9.9	131848.0	-7008.4	1705	9.5	135408.5	-7016.4	1795	9.6	143551.7	-7028.4
1616	9.9	131908.0	-7015.0	1706	9.9	135413.0	-7004.7	1796	9.0	143558.8	-7013.2
1617	9.7	131911.0	-7009.1	1707	9.6	135454.0	-7052.1	1797	9.1	143605.2	-7019.9
1618	9.9	131917.0	-7048.7	1708	9.5	135600.5	-7013.6	1798	9.6	143610.7	-7041.0
1619	9.9	131928.0	-7017.3	1709	9.2	135629.0	-7014.3	1799	9.8	143618.2	-7013.9
1620	9.9	131933.0	-7013.1	1710	9.2	135719.5	-7014.0	1800	9.8	143626.2	-7045.9
1621	9.7	131950.0	-7049.1	1711	8.6	135725.5	-7036.2	1801	9.0	143634.3	-7056.7
1622	9.9	132026.0	-7041.9	1712	9.4	135728.5	-7004.7	1802	9.8	143640.2	-7049.7
1623	9.7	132109.0	-7009.1	1713	9.4	135800.5	-7034.2	1803	9.4	143645.2	-7039.4
1624	9.5	132119.0	-7044.1	1714	9.4	135806.5	-7027.3	1804	9.7	143655.0	-7009.9
1625	9.3	132149.0	-7040.1	1715	9.4	135816.5	-7025.1	1805	9.7	143659.2	-7043.7
1626	9.4	132151.0	-7011.8	1716	9.4	135827.5	-7040.3	1806	8.8	143709.3	-7058.0
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1628	9.9	132223.0	-7018.1	1718	9.4	135947.5	-7031.2	1808	9.5	143726.8	-7055.3
1629	9.9	132225.0	-7015.2	1719	9.5	140002.5	-7025.4	1809	9.7	143731.7	-7047.0
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1631	9.3	132240.0	-7048.7	1721	8.4	140154.5	-7045.3	1811	8.8	143733.3	-7048.8
1632	9.3	132253.0	-7055.1	1722	8.9	140216.5	-7013.7	1812	9.8	143748.7	-7041.8
1633	9.3	132259.0	-7038.1	1723	8.6	140428.5	-7038.8	1813	9.5	143755.5	-7051.7
1634	9.4	132410.0	-7032.0	1724	9.5	140433.5	-7053.6	1814	9.5	143805.0	-7023.6
1635	9.5	132444.0	-7009.3	1725	9.3	140500.5	-7028.0	1815	9.2	143815.7	-7046.2
1636	9.7	132539.0	-7039.0	1726	9.4	140504.5	-7039.7	1816	9.0	143820.0	-7023.5
1637	9.8	132551.0	-7023.0	1727	9.5	140507.5	-7024.5	1817	9.0	143822.3	-7017.0
1638	9.9	132606.0	-7002.3	1728	9.4	140511.5	-7035.1	1818	9.8	143831.0	-7014.2
1639	9.3	132626.0	-7036.1	1729	9.4	140524.5	-7038.2	1819	9.6	143840.5	-7019.1
1640	9.7	132653.0	-7055.1	1730	9.4	140543.5	-7038.4	1820	9.7	143842.0	-7024.8
1641	9.9	132755.0	-7003.1	1731	9.4	140644.0	-7027.3	1821	9.3	143848.5	-7011.5
1642	9.9	132757.0	-7040.0	1732	9.1	140650.0	-7015.5	1822	9.7	143855.5	-7017.6
1643	9.9	132805.5	-7057.6	1733	9.0	140650.3	-7057.5	1823	8.7	143902.1	-7000.7
1644	9.8	132809.0	-7036.7	1734	9.4	140728.0	-7009.5	1824	8.9	143904.3	-7001.0
1645	9.9	132810.0	-7013.2	1735	9.1	140803.0	-7048.9	1825	9.4	143905.7	-7034.7
1646	9.9	132852.0	-7013.1	1736	9.2	140859.0	-7025.4	1826	9.5	143922.5	-7031.9
1647	9.9	132915.5	-7058.4	1737	9.2	140939.0	-7013.5	1827	9.0	143934.7	-7046.3
1648	9.9	132934.0	-7009.7	1738	9.4	141001.0	-7051.9	1828	9.7	143939.0	-7046.5
1649	9.9	132942.0	-7010.1	1739	9.6	141004.0	-7003.7	1829	9.2	143944.7	-7019.5
1650	9.3	132954.0	-7050.8	1740	9.2	141005.0	-7055.0	1830	9.4	143948.0	-7037.7
1651	9.5	133001.0	-7015.9	1741	9.6	141043.0	-7050.2	1831	9.2	143948.0	-7048.6
1652	9.9	133017.0	-7030.7	1742	9.1	141118.0	-7000.1	1832	9.5	143948.0	-7001.4
1653	8.4	133028.0	-7009.1	1743	9.4	141319.0	-7056.6	1833	9.5	144009.0	-7054.4
1654	9.9	133100.0	-7057.2	1744	9.3	141320.0	-7026.5	1834	9.8	144010.0	-7054.1
1655	9.7	133142.0	-7015.1	1745	9.4	141336.0	-7015.1	1835	9.2	144010.7	-7028.2
1656	9.9	133221.0	-7042.1	1746	9.2	141414.2	-7059.9	1836	8.8	144016.7	-7034.8
1657	9.5	133256.0	-7029.1	1747	9.4	141424.0	-7038.6	1837	9.2	144020.7	-7016.8
1658	9.9	133309.0	-7042.8	1748	9.4	141430.0	-7001.7	1838	9.2	144039.7	-7012.2

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1839	9.3	144049.2	-7040.6	1849	9.8	144308.0	-7018.4	1859	8.4	144424.1	-7050.7
1840	9.5	144108.0	-7041.2	1850	9.3	144314.5	-7027.4	1860	9.3	144459.1	-7054.0
1841	9.6	144129.0	-7020.2	1851	9.5	144321.0	-7031.7	1861	9.8	144503.4	-7000.2
1842	9.4	144223.5	-7021.7	1852	9.4	144325.5	-7036.7	1862	9.2	144523.1	-7003.2
1843	9.5	144227.0	-7029.9	1853	9.0	144336.0	-7028.3	1863	9.0	144524.6	-7049.9
1844	9.6	144236.5	-7049.9	1854	9.6	144338.5	-7038.8	1864	9.6	144528.6	-7056.9
1845	9.4	144238.0	-7059.2	1855	9.4	144407.5	-7008.1	1865	8.9	144532.6	-7008.6
1846	9.5	144240.5	-7057.2	1856	8.6	144408.8	-7000.5	1866	8.9	144535.1	-7046.4
1847	9.4	144302.5	-7019.6	1857	9.2	144415.1	-7034.6	1867	9.6	144552.6	-7020.5
1848	9.8	144304.0	-7026.8	1858	9.2	144417.1	-7023.6	1868	8.8	144553.6	-7053.0
1869	9.8	144556.4	-7010.2	1879	9.6	144646.6	-7021.9	1889	9.7	144839.6	-7015.1
1870	9.7	144557.1	-7049.3	1880	9.4	144705.6	-7018.2	1890	9.0	144914.6	-7025.0
1871	9.8	144614.4	-7013.3	1881	9.8	144706.6	-7031.3	1891	6.7	144918.3	-7059.3
1872	9.6	144618.1	-7019.8	1882	9.6	144725.1	-7029.3	1892	9.2	144920.1	-7048.8
1873	9.6	144626.1	-7020.2	1883	9.7	144727.6	-7034.4	1893	9.0	144936.6	-7024.2
1874	8.1	144627.6	-7025.3	1884	9.2	144729.1	-7042.7	1894	9.7	144942.6	-7041.2
1875	9.4	144628.8	-7001.9	1885	9.5	144747.1	-7030.0	1895	9.5	145011.6	-7010.3
1876	9.7	144633.6	-7026.8	1886	8.9	144749.1	-7055.8	1896	9.3	145013.0	-7030.2
1877	9.5	144641.1	-7053.8	1887	9.7	144815.6	-7042.2	1897	9.1	145020.5	-7032.7
1878	9.8	144642.6	-7043.6	1888	9.7	144828.1	-7030.6	1898	9.6	145032.0	-7014.4
1899	9.4	145040.5	-7033.2	1909	9.4	145152.0	-7026.6	1919	9.4	145339.0	-7039.4
1900	9.3	145056.0	-7047.2	1910	9.4	145154.5	-7027.4	1920	7.4	145405.5	-7038.4
1901	9.4	145101.0	-7016.9	1911	9.6	145226.5	-7025.2	1921	9.8	145410.0	-7035.2
1902	9.6	145117.0	-7014.8	1912	9.5	145231.0	-7048.8	1922	9.8	145410.5	-7032.4
1903	9.8	145117.5	-7025.0	1913	8.4	145249.0	-7020.0	1923	9.3	145414.0	-7025.8
1904	7.6	145119.0	-7017.3	1914	9.2	145250.5	-7053.4	1924	9.6	145449.0	-7018.6
1905	9.6	145133.0	-7026.5	1915	9.5	145300.0	-7019.4	1925	9.6	145449.0	-7026.1
1906	9.6	145134.0	-7014.4	1916	9.8	145306.0	-7016.8	1926	9.7	145458.5	-7010.9
1907	9.7	145138.0	-7024.4	1917	9.8	145315.0	-7033.8	1927	9.7	145512.5	-7011.8
1908	9.6	145152.0	-7047.6	1918	9.6	145331.5	-7003.7	1928	9.6	145518.0	-7020.6

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1929	9.4	145524.0	-7007.0	2019	9.8	150936.4	-7004.7	2109	9.1	153008.5	-7008.6
1930	9.2	145534.0	-7011.0	2020	9.2	150942.4	-7028.3	2110	9.4	153110.5	-7017.8
1931	8.9	145537.0	-7001.6	2021	8.9	151046.4	-7006.3	2111	9.6	153120.5	-7008.1
1932	9.4	145541.0	-7035.6	2022	9.3	151124.9	-7032.1	2112	9.3	153317.5	-7032.6
1933	9.7	145549.0	-7042.4	2023	9.5	151129.9	-7028.3	2113	9.6	153336.5	-7055.4
1934	9.8	145557.0	-7002.6	2024	9.7	151142.9	-7028.1	2114	8.8	153348.5	-7020.3
1935	9.8	145559.0	-7042.9	2025	9.3	151156.9	-7035.4	2115	8.8	153369.5	-7018.0
1936	9.2	145602.6	-7001.4	2026	8.2	151213.9	-7052.2	2116	9.6	153402.5	-7055.7
1937	9.1	145606.5	-7008.6	2027	9.8	151220.4	-7012.9	2117	9.2	153415.5	-7024.9
1938	9.4	145607.5	-7012.0	2028	9.4	151242.4	-7044.2	2118	9.4	153441.5	-7044.3
1939	9.8	145617.6	-7058.2	2029	9.8	151243.4	-7058.9	2119	9.6	153457.0	-7051.0
1940	7.3	145648.0	-7013.4	2030	9.6	151245.4	-7019.6	2120	9.6	153543.0	-7009.0
1941	9.4	145650.0	-7049.4	2031	9.8	151302.9	-7049.4	2121	8.9	153605.0	-7029.6
1942	9.7	145729.5	-7008.3	2032	9.8	151307.4	-7008.1	2122	9.6	153619.0	-7042.0
1943	9.7	145734.5	-7026.6	2033	9.4	151308.4	-7047.0	2123	9.5	153634.0	-7006.2
1944	9.0	145740.0	-7045.8	2034	9.5	151328.4	-7043.6	2124	9.0	153718.0	-7006.6
1945	9.6	145745.0	-7019.9	2035	9.5	151333.4	-7028.9	2125	8.8	153805.0	-7059.9
1946	9.6	145753.5	-7020.6	2036	9.8	151338.4	-7004.8	2126	8.6	153833.0	-7046.3
1947	9.6	145756.0	-7048.5	2037	9.0	151342.9	-7012.7	2127	9.2	153841.0	-7050.2
1948	9.4	145807.0	-7015.9	2038	9.6	151346.9	-7056.9	2128	8.0	153904.0	-7026.0
1949	9.8	145820.0	-7013.5	2039	9.7	151346.9	-7013.0	2129	9.0	153928.0	-7004.8
1950	9.8	145822.5	-7052.7	2040	9.5	151348.9	-7045.4	2130	9.4	153932.0	-7005.0
1951	9.8	145830.5	-7053.9	2041	9.5	151408.4	-7053.9	2131	9.3	154106.0	-7024.6
1952	9.8	145831.0	-7012.5	2042	9.6	151413.4	-7053.1	2132	9.6	154122.0	-7008.8
1953	9.0	145831.5	-7049.3	2043	9.8	151447.4	-7031.1	2133	9.0	154136.0	-7049.0
1954	9.2	145851.0	-7044.9	2044	9.0	151457.3	-7059.2	2134	9.2	154156.3	-7044.6
1955	9.6	145852.5	-7008.7	2045	9.4	151459.9	-7005.6	2135	9.0	154305.0	-7047.4
1956	9.6	145900.5	-7013.9	2046	8.9	151500.3	-7058.4	2136	8.6	154312.0	-7025.2
1957	9.6	145907.0	-7031.1	2047	9.7	151501.9	-7057.9	2137	8.4	154328.0	-7032.8
1958	9.2	145908.4	-7057.1	2048	9.7	151502.4	-7042.5	2138	8.4	154351.0	-7036.2
1959	9.2	145909.5	-7042.2	2049	9.2	151504.7	-7001.6	2139	9.0	154355.0	-7050.4
1960	9.8	145920.5	-7020.9	2050	9.5	151509.4	-7042.0	2140	9.1	154401.0	-7026.3
1961	9.4	145921.0	-7051.8	2051	9.6	151513.4	-7007.1	2141	9.6	154443.0	-7019.9
1962	9.8	145931.5	-7018.8	2052	9.3	151524.8	-7059.3	2142	8.4	154612.0	-7044.2
1963	9.6	145941.0	-7012.3	2053	9.0	151542.4	-7017.2	2143	8.6	154618.0	-7044.7
1964	9.6	145944.0	-7038.6	2054	9.3	151609.9	-7002.5	2144	8.9	154632.0	-7022.9
1965	9.5	145959.5	-7012.7	2055	9.3	151634.4	-7055.0	2145	9.2	154805.0	-7027.6
1966	8.6	150003.5	-7008.4	2056	8.4	151643.8	-7058.8	2146	8.9	154920.5	-7056.9
1967	9.4	150023.0	-7058.7	2057	9.6	151704.4	-7037.0	2147	9.6	154952.0	-7038.0
1968	9.0	150031.0	-7041.7	2058	9.8	151713.4	-7014.1	2148	9.4	155009.0	-7006.0
1969	9.5	150031.0	-7039.5	2059	9.3	151726.4	-7025.6	2149	9.1	155011.0	-7008.0
1970	9.8	150046.5	-7027.0	2060	9.7	151758.0	-7033.3	2150	9.6	155046.0	-7038.4
1971	9.3	150057.0	-7017.4	2061	9.4	151800.0	-7053.5	2151	9.6	155140.0	-7038.4
1972	8.5	150114.0	-7046.4	2062	9.6	151803.5	-7004.3	2152	9.4	155202.0	-7019.0
1973	9.0	150119.5	-7011.8	2063	9.8	151806.5	-7051.4	2153	9.6	155207.0	-7030.0
1974	9.6	150132.0	-7001.1	2064	9.7	151808.0	-7025.8	2154	9.0	155214.0	-7045.0
1975	9.8	150146.0	-7014.0	2065	9.8	151813.0	-7025.2	2155	9.2	155250.0	-7005.6
1976	9.2	150151.5	-7001.2	2066	9.3	151827.0	-7043.4	2156	9.0	155305.0	-7056.0
1977	8.1	150207.0	-7005.1	2067	9.8	151830.5	-7009.0	2157	9.2	155332.0	-7012.2
1978	9.4	150211.0	-7034.5	2068	9.6	151833.0	-7047.1	2158	9.5	155359.0	-7027.0
1979	9.7	150213.5	-7037.6	2069	6.9	151849.0	-7037.6	2159	9.2	155406.0	-7025.4
1980	9.6	150228.0	-7052.0	2070	9.3	151917.0	-7056.3	2160	9.6	155454.0	-7005.0
1981	9.7	150239.5	-7026.5	2071	9.3	151919.3	-7004.7	2161	9.0	155454.0	-7028.0
1982	9.6	150245.0	-7031.8	2072	9.8	151924.0	-7046.6	2162	9.3	155518.0	-7039.5
1983	9.6	150255.5	-7020.1	2073	9.7	151942.5	-7017.5	2163	8.2	155554.0	-7043.0
1984	9.2	150301.5	-7013.9	2074	9.1	151952.3	-7018.1	2164	9.2	155630.5	-7057.7
1985	8.0	150312.4	-7002.7	2075	9.1	151959.5	-7015.0	2165	9.4	155742.0	-7029.5
1986	9.4	150342.5	-7035.9	2076	9.8	152018.2	-7048.6	2166	9.6	155753.0	-7023.5
1987	9.3	150353.5	-7038.1	2077	9.7	152018.5	-7006.0	2167	9.4	155811.0	-7048.6
1988	9.0	150408.7	-7001.2	2078	9.6	152051.7	-7010.0	2168	9.0	155823.0	-7001.3
1989	9.7	150416.0	-7032.1	2079	9.6	152059.2	-7003.6	2169	8.7	155827.0	-7015.0
1990	9.8	150454.5	-7031.0	2080	9.0	152139.6	-7027.2	2170	9.4	155835.0	-7048.3
1991	9.6	150514.5	-7013.5	2081	9.0	152142.2	-7025.9	2171	8.8	155910.0	-7056.0
1992	9.8	150538.5	-7035.4	2082	9.6	152147.2	-7013.6	2172	9.6	155911.0	-7040.0
1993	9.6	150545.5	-7041.3	2083	9.8	152151.0	-7053.0	2173	9.1	160056.0	-7023.6
1994	9.5	150612.9	-7057.7	2084	9.5	152207.2	-7018.9	2174	9.5	160113.0	-7010.6
1995	9.8	150613.0	-7040.1	2085	9.6	152249.2	-7000.2	2175	9.3	160131.0	-7046.8
1996	9.4	150614.5	-7032.6	2086	9.8	152257.7	-7031.5	2176	8.5	160246.0	-7013.2
1997	9.6	150623.4	-7000.5	2087	9.6	152306.2	-7004.0	2177	9.6	160246.0	-7047.0
1998	9.7	150641.5	-7006.1	2088	9.5	152311.7	-7021.9	2178	9.6	160305.0	-7046.8
1999	9.6	150644.0	-7024.5	2089	9.0	152315.6	-7020.1	2179	8.4	160328.0	-7009.8
2000	9.6	150646.0	-7036.7	2090	8.6	152317.6	-7047.5	2180	9.0	160340.0	-7026.6
2001	9.7	150648.0	-7025.5	2091	9.7	152334.0	-7001.6	2181	7.6	160342.0	-7040.3
2002	9.8	150651.5	-7029.1	2092	9.8	152344.2	-7034.8	2182	8.7	160348.0	-7020.0
2003	9.4	150702.0	-7013.3	2093	9.5	152348.3	-7031.5	2183	9.6	160348.0	-7059.5
2004	9.2	150705.0	-7014.7	2094	9.5	152422.2	-7056.8	2184	9.2	160410.0	-7004.0
2005	9.8	150713.0	-7045.1	2095	9.6	152443.2	-7050.6	2185	8.7	160421.0	-7026.9
2006	9.6	150715.0	-7036.3	2096	9.7	152443.2	-7006.6	2186	8.8	160442.0	-7023.9
2007	9.6	150720.5	-7034.0	2097	9.3	152545.6	-7029.5	2187	9.7	160528.0	-7012.0
2008	9.6	150730.5	-7033.5	2098	9.5	152546.6	-7010.0	2188	9.4	160529.0	-7019.9
2009	9.6	150732.0	-7005.9	2099	9.5	152552.7	-7023.5	2189	10.1	160540.0	-7006.8
2010	9.6	150734.5	-7034.5	2100	9.8	152555.7	-7020.9	2190	10.0	160559.0	-7014.1
2011	9.2	150736.5	-7009.1	2101	9.7	152602.2	-7056.1	2191	9.4	160616.0	-7051.1
2012	9.5	150742.0	-7050.1	2102	9.0	152628.5	-7035.6	2192	9.6	160631.0	-7012.4
2013	9.0	150811.0	-7042.7	2103	9.1	152739.5	-7005.6	2193	10.1	160638.0	-7034.1
2014	9.4	150816.0	-7031.4	2104	9.1	152819.5	-7050.0	2194	10.1	160650.0	-7027.5
2015	9.6	150909.5	-7045.3	2105	9.6	152829.5	-7022.3	2195	10.0	160722.0	-7005.1
2016	9.4	150916.5	-7029.8	2106	9.2	152908.5	-7013.2	2196	9.2	160741.0	-7058.0
2017	9.0	150923.5	-7041.1	2107	9.2	152917.5	-7052.0	2197	8.6	160748.0	-7045.9
2018	9.8	150932.9	-7049.9	2108	8.4	152944.5	-7039.1	2198	10.1	160754.0	-7017.5
2199	9.8	160803.0	-7005.1								
2200	10.0	160810.0	-7052.0								
2201	9.4	160820.0	-7035.9								
2202	10.0	160824.0	-7018.1								
2203	10.0	160835.0	-7016.2								
2204	9.2	160914.5	-7040.6								
2205	9.6	160943.0	-7032.3								
2206	9.6	160945.0	-7032.2								
2207	10.1	161002.0	-7009.7								
2208	10.1	161021.0	-7039.0								
2209	10.0	161021.0	-7023.8								
2210	10.0	161028.0	-7012.3								
2211	10.1	161047.0	-7028.9								
2212	10.0	161055.3	-7000.1								
2213	10.1	161127.0	-7008.0								
2214	9.0	161131.0	-7039.5								
2215	10.0	161134.0	-7007.1								
2216	9.7	161134.0	-7017.0								
2217	10.0	161139.0	-7049.4								
2218	9.6	161143.0	-7045.4								
2219	10.1	161205.0	-7039.1								
2220	9.8	161208.0	-7040.6								
2221	9.4	161217.3	-7000.1								
2222	10.0	161224.0	-7050.0								
2223	10.0	161231.0	-7003.8								
2224	9.6	161232 0	-7034.6								
2225	9.6	161309.0	-7046.6								
2226	10.1	161319.0	-7024.9								
2227	10.1	161350.0	-7049.9								
2228	9.4	161355.0	-7009.9								
2229	9.4	161404.0	-7040.0								
2230	9.6	161503.0	-7036.7								
2231	10.0	161520.0	-7011.1								
2232	9.6	161529.0	-7023.8								
2233	8.0	161530.0	-7050.1								
2234	10.1	161533.0	-7019.9								
2235	8.8	161534.0	-7012.9								
2236	10.0	161542.0	-7054.4								
2237	9.6	161542.0	-7032.0								
2238	9.8	161546.0	-7041.3								
2239	9.8	161633.0	-7005.9								
2240	9.8	161640.0	-7019.1								
2241	9.6	161649.0	-7047.3								
2242	10.1	161704.0	-7034.8								
2243	9.6	161705.0	-7049.2								
2244	9.2	161724.0	-7046.8								
2245	9.4	161732.0	-7007.2								
2246	9.6	161757.0	-7041.8								
2247	9.7	161817.0	-7018.2								
2248	9.4	161832.5	-7059.1								
2249	10.1	161845.0	-7035.2								
2250	9.0	161846.0	-7014.2								
2251	8.6	161917.0	-7039.4								
2252	10.1	161922.0	-7010.2								
2253	9.4	161929.0	-7015.9								
2254	10.0	161932.0	-7051.2								
2255	8.8	161944.0	-7051.6								
2256	7.2	162033.0	-7042.7								
2257	10.0	162056.0	-7033.0								
2258	9.8	162113.0	-7051.1								
2259	9.6	162117.0	-7024.1								
2260	9.8	162141.0	-7054.4								
2261	9.2	162201.0	-7027.3								
2262	9.4	162214.0	-7046.2								
2263	10.1	162227.0	-7030.0								
2264	9.2	162321.0	-7040.1								
2265	9.6	162413.0	-7037.1								
2266	10.1	162428.0	-7009.5								
2267	9.8	162429.0	-7019.1								
2268	9.6	162436.0	-7010.0								
2269	10.0	162508.0	-7005.9								
2270	10.1	162515.0	-7007.1								
2271	9.4	162517.0	-7006.1								
2272	10.1	162518.3	-7002.8								
2273	9.8	162520.0	-7015.7								
2274	9.0	162520.0	-7011.1								
2275	9.8	162604.0	-7059.1								
2276	10.0	162642.0	-7023.9								
2277	10.1	162713.0	-7031.5								
2278	10.0	162732.0	-7053.7								
2279	9.2	162734.5	-7059.4								
2280	9.8	162748.0	-7046.8								
2281	9.6	162802.0	-7051.3								
2282	10.1	162825.0	-7018.8								
2283	10.1	162845.0	-7002.9								
2284	7.0	162857.0	-7019.7								
2285	10.1	162916.0	-7020.4								
2286	9.6	162924.0	-7054.1								
2287	10.1	162931.0	-7041.0								
2288	10.0	162936.0	-7021.6								

-70 2289 16h30m

-70 2648 19h17m

2289	10.1	163001.0	-7004.1	2379	9.4	171329.0	-7040.1	2469	8.6	174759.4	-7040.4
2290	9.8	163003.0	-7040.6	2380	8.0	171440.0	-7031.1	2470	8.5	174817.4	-7023.9
2291	9.6	163030.0	-7010.0	2381	9.4	171518.0	-7033.7	2471	9.8	174819.4	-7011.4
2292	9.7	163040.0	-7015.1	2382	9.8	171533.5	-7059.7	2472	9.8	174823.0	-7036.2
2293	9.6	163058.0	-7044.8	2383	9.2	171554.0	-7016.8	2473	8.8	174846.9	-7028.3
2294	10.0	163059.0	-7029.9	2384	9.8	171615.0	-7045.8	2474	9.1	174927.9	-7034.3
2295	9.6	163101.0	-7034.1	2385	8.8	171754.0	-7031.2	2475	9.8	174941.0	-7055.7
2296	9.6	163108.0	-7044.3	2386	9.2	171759.0	-7016.9	2476	9.8	175035.9	-7006.8
2297	9.8	163119.0	-7018.2	2387	9.4	171926.0	-7049.9	2477	9.6	175041.9	-7056.4
2298	9.6	163121.0	-7032.7	2388	9.7	172034.0	-7029.1	2478	9.8	175052.4	-7054.5
2299	9.0	163227.0	-7038.2	2389	9.1	172052.0	-7043.9	2479	9.4	175057.7	-7011.4
2300	10.0	163231.0	-7055.9	2390	8.8	172054.0	-7016.9	2480	9.6	175104.7	-7055.0
2301	9.0	163233.0	-7027.0	2391	9.6	172137.0	-7024.2	2481	9.8	175108.7	-7007.0
2302	9.8	163321.0	-7032.1	2392	9.7	172158.0	-7011.0	2482	9.4	175125.7	-7046.0
2303	9.6	163348.0	-7043.3	2393	9.8	172217.0	-7043.2	2483	8.2	175128.2	-7013.5
2304	9.4	163353.0	-7044.1	2394	9.1	172341.0	-7015.8	2484	9.1	175144.7	-7018.8
2305	9.4	163421.0	-7027.3	2395	9.0	172353.0	-7024.1	2485	9.8	175218.7	-7002.6
2306	9.6	163438.0	-7030.4	2396	9.8	172410.0	-7052.1	2486	9.3	175253.2	-7025.3
2307	10.1	163455.0	-7028.6	2397	7.2	172448.0	-7036.5	2487	9.5	175256.2	-7035.9
2308	10.1	163523.0	-7026.0	2398	9.1	172458.0	-7025.3	2488	9.8	175323.2	-7006.8
2309	10.1	163611.0	-7016.3	2399	8.8	172526.0	-7040.2	2489	9.6	175355.2	-7020.8
2310	9.2	163629.8	-7056.3	2400	9.8	172611.0	-7040.7	2490	9.8	175404.7	-7008.4
2311	8.2	163652.0	-7023.2	2401	8.5	172637.0	-7013.9	2491	9.6	175426.2	-7008.6
2312	10.0	163734.0	-7039.8	2402	9.2	172645.0	-7055.5	2492	8.8	175427.7	-7016.3
2313	10.0	163835.0	-7055.7	2403	9.8	172659.0	-7030.0	2493	8.4	175441.2	-7005.0
2314	9.0	163841.0	-7053.1	2404	9.8	172659.0	-7011.1	2494	8.8	175549.2	-7040.8
2315	10.0	163852.0	-7025.5	2405	9.0	172733.0	-7034.9	2495	9.8	175611.4	-7018.4
2316	10.0	163900.0	-7044.5	2406	9.8	172811.5	-7058.9	2496	8.8	175613.4	-7017.5
2317	10.0	163906.0	-7017.1	2407	8.8	172843.0	-7047.9	2497	9.8	175651.4	-7007.0
2318	9.4	163922.0	-7007.1	2408	8.8	173000.5	-7010.2	2498	9.0	175705.4	-7025.3
2319	8.0	163923.0	-7015.3	2409	9.1	173151.5	-7017.7	2499	9.8	175709.9	-7034.0
2320	9.2	163927.5	-7059.1	2410	9.8	173217.5	-7018.3	2500	9.3	175711.4	-7004.8
2321	10.1	163929.0	-7055.5	2411	8.2	173217.5	-7016.3	2501	9.8	175738.4	-7029.0
2322	7.7	163941.0	-7022.8	2412	9.0	173224.5	-7017.7	2502	8.7	175738.9	-7019.8
2323	10.1	164104.0	-7049.1	2413	9.8	173319.5	-7058.6	2503	8.8	175822.9	-7016.0
2324	9.2	164131.0	-7019.5	2414	9.5	173413.9	-7044.1	2504	9.0	175855.9	-7058.0
2325	9.4	164247.0	-7009.4	2415	9.4	173416.9	-7035.6	2505	9.2	175934.9	-7018.1
2326	6.8	164253.0	-7054.1	2416	9.2	173417.5	-7043.9	2506	9.8	175937.3	-7010.7
2327	10.1	164317.0	-7009.1	2417	9.8	173424.9	-7022.6	2507	6.7	180000.4	-7046.3
2328	10.0	164340.0	-7054.1	2418	9.8	173426.9	-7032.9	2508	9.6	180028.9	-7049.3
2329	10.0	164401.0	-7034.0	2419	9.5	173437.6	-7023.5	2509	9.8	180029.9	-7020.1
2330	10.1	164427.0	-7006.8	2420	9.8	173509.1	-7004.0	2510	9.8	180030.9	-7054.2
2331	10.0	164450.0	-7006.1	2421	8.5	173601.1	-7039.1	2511	9.3	180040.9	-7042.0
2332	10.0	164617.0	-7040.6	2422	9.8	173611.1	-7059.6	2512	9.6	180046.9	-7042.6
2333	9.4	164621.0	-7037.2	2423	9.5	173618.6	-7000.8	2513	8.8	180112.4	-7041.6
2334	9.4	164646.0	-7012.2	2424	9.2	173708.6	-7029.6	2514	9.8	180124.4	-7010.3
2335	9.4	164756.0	-7037.9	2425	9.6	173727.1	-7037.1	2515	9.6	180131.4	-7042.0
2336	9.8	164815.0	-7029.4	2426	9.3	173803.1	-7012.2	2516	8.6	180150.5	-7040.3
2337	10.1	164845.0	-7039.5	2427	9.3	173831.1	-7026.1	2517	9.4	180156.5	-7008.6
2338	9.4	164852.0	-7014.4	2428	8.3	173836.1	-7058.0	2518	8.6	180213.0	-7007.1
2339	9.8	164915.0	-7021.1	2429	9.6	173848.6	-7051.1	2519	9.8	180245.5	-7000.0
2340	9.6	164933.0	-7003.1	2430	9.8	173914.6	-7046.7	2520	9.6	180250.2	-7057.5
2341	10.0	164942.0	-7043.3	2431	9.6	173929.6	-7033.4	2521	9.5	180311.0	-7035.6
2342	8.3	164947.0	-7006.5	2432	9.8	173948.1	-7001.4	2522	9.0	180416.5	-7046.0
2343	10.1	165007.0	-7025.3	2433	9.8	173959.1	-7024.6	2523	9.6	180440.0	-7004.0
2344	9.8	165017.0	-7030.2	2434	9.8	174029.1	-7049.4	2524	9.8	180500.0	-7006.6
2345	10.1	165029.0	-7048.7	2435	9.8	174034.1	-7009.0	2525	9.8	180535.0	-7006.9
2346	8.6	165030.5	-7014.0	2436	8.5	174047.6	-7025.7	2526	9.0	180543.0	-7009.0
2347	9.6	165041.0	-7028.8	2437	9.8	174122.6	-7055.2	2527	8.4	180544.0	-7008.0
2348	10.0	165042.0	-7049.9	2438	8.5	174136.0	-7029.8	2528	9.6	180600.0	-7059.3
2349	8.8	165152.5	-7012.9	2439	9.6	174140.0	-7029.5	2529	9.8	180603.5	-7041.8
2350	10.1	165230.0	-7040.0	2440	9.5	174208.5	-7019.7	2530	9.4	180631.5	-7057.5
2351	9.0	165305.5	-7029.3	2441	9.3	174213.5	-7059.1	2531	9.3	180701.5	-7040.7
2352	9.4	165322.5	-7042.2	2442	9.8	174247.0	-7019.7	2532	9.8	180706.0	-7024.5
2353	9.7	165335.0	-7033.3	2443	9.8	174254.5	-7006.3	2533	9.4	180744.5	-7049.9
2354	8.8	165348.5	-7049.3	2444	9.2	174305.0	-7047.6	2534	9.6	180809.5	-7008.2
2355	9.8	165459.5	-7015.3	2445	8.2	174307.0	-7008.0	2535	9.8	180905.9	-7001.2
2356	8.2	165552.5	-7010.5	2446	8.8	174325.3	-7001.7	2536	9.0	180926.0	-7024.1
2357	8.0	165559.0	-7015.1	2447	9.8	174326.0	-7024.9	2537	9.2	181000.2	-7039.1
2358	9.8	165609.0	-7037.5	2448	9.4	174332.5	-7024.4	2538	9.6	181041.2	-7029.4
2359	9.8	165651.0	-7001.9	2449	9.3	174348.0	-7022.3	2539	9.6	181050.4	-7000.9
2360	9.0	165742.0	-7004.0	2450	9.8	174403.5	-7004.1	2540	9.8	181055.0	-7058.1
2361	7.4	165812.0	-7033.3	2451	9.4	174501.0	-7023.9	2541	9.8	181057.7	-7047.8
2362	9.7	165813.0	-7042.8	2452	8.9	174525.0	-7010.6	2542	9.6	181113.2	-7005.3
2363	9.7	165913.0	-7012.8	2453	9.4	174553.5	-7028.9	2543	9.4	181117.7	-7052.2
2364	8.8	165927.0	-7025.7	2454	9.1	174555.5	-7009.7	2544	8.7	181145.2	-7036.2
2365	9.2	165933.0	-7011.2	2455	9.4	174556.0	-7048.4	2545	9.4	181148.7	-7046.1
2366	9.1	170042.0	-7033.5	2456	9.0	174559.5	-7044.4	2546	9.5	181237.7	-7005.8
2367	9.8	170043.3	-7001.5	2457	9.8	174609.0	-7025.1	2547	9.2	181239.7	-7025.0
2368	9.0	170409.0	-7014.0	2458	8.2	174618.0	-7017.9	2548	9.4	181316.2	-7012.0
2369	9.0	170614.0	-7007.9	2459	8.3	174618.5	-7034.4	2549	8.8	181322.2	-7037.0
2370	9.8	170655.0	-7010.3	2460	9.8	174628.5	-7021.2	2550	9.2	181404.2	-7020.5
2371	8.2	170829.0	-7018.3	2461	9.8	174706.0	-7055.6	2551	9.8	181501.2	-7021.4
2372	9.0	170954.0	-7017.9	2462	9.8	174725.4	-7036.7	2552	9.6	181717.7	-7028.8
2373	8.8	171021.0	-7030.3	2463	9.8	174725.9	-7047.8	2553	9.1	181749.7	-7013.2
2374	9.2	171143.0	-7001.6	2464	9.5	174732.4	-7005.8	2554	8.8	181815.7	-7038.8
2375	9.4	171226.0	-7029.9	2465	9.3	174736.4	-7008.6	2555	8.6	181844.4	-7010.7
2376	9.8	171241.0	-7052.3	2466	8.9	174745.3	-7001.7	2556	9.6	181926.2	-7059.1
2377	9.8	171250.0	-7020.3	2467	9.0	174748.9	-7030.6	2557	9.8	182049.2	-7046.8
2378	8.8	171318.0	-7029.3	2468	9.6	174749.4	-7044.4	2558	9.8	182103.7	-7029.4
2559	8.8	182120.7	-7059.6
2560	9.3	182129.2	-7017.6
2561	8.5	182137.9	-7001.6
2562	9.8	182154.7	-7029.2
2563	9.8	182238.7	-7008.6
2564	9.6	182257.2	-7018.4
2565	8.6	182320.4	-7036.2
2566	9.8	182406.2	-7007.4
2567	8.4	182425.7	-7058.4
2568	8.5	182436.4	-7019.8
2569	9.8	182445.7	-7024.4
2570	8.1	182448.7	-7054.0
2571	9.8	182455.2	-7041.0
2572	8.6	182545.3	-7059.9
2573	9.0	182717.5	-7027.6
2574	8.4	182720.5	-7025.6
2575	9.3	182821.0	-7004.0
2576	7.3	182823.0	-7024.5
2577	9.6	182833.0	-7038.0
2578	9.5	182849.0	-7047.4
2579	9.5	183030.0	-7015.4
2580	9.5	183033.5	-7058.1
2581	9.6	183149.0	-7057.0
2582	8.2	183322.0	-7006.4
2583	8.8	183332.0	-7008.0
2584	9.5	183515.0	-7012.0
2585	9.6	183712.0	-7013.1
2586	9.6	183748.5	-7012.9
2587	8.2	183901.5	-7003.0
2588	8.7	184202.0	-7038.0
2589	9.6	184219.0	-7051.1
2590	9.6	184242.0	-7017.7
2591	9.0	184330.0	-7000.2
2592	9.0	184408.0	-7058.0
2593	6.7	184524.0	-7037.2
2594	8.4	184610.0	-7005.9
2595	8.4	184658.0	-7043.2
2596	9.0	184820.0	-7013.4
2597	9.6	185123.0	-7039.3
2598	9.0	185141.0	-7014.4
2599	9.6	185149.0	-7046.9
2600	9.6	185153.0	-7030.0
2601	7.7	185233.0	-7000.5
2602	8.4	185713.0	-7016.2
2603	9.6	190010.0	-7049.0
2604	9.4	190028.0	-7051.2
2605	8.9	190229.0	-7032.1
2606	9.0	190530.0	-7021.0
2607	9.0	190548.0	-7054.8
2608	8.4	190635.2	-7005.8
2609	10.4	190644.8	-7025.3
2610	10.0	190649.3	-7043.2
2611	9.6	190653.3	-7009.5
2612	9.8	190655.8	-7007.5
2613	8.6	190659.6	-7005.5
2614	10.3	190734.3	-7052.3
2615	8.8	190815.8	-7042.0
2616	10.3	190828.3	-7057.8
2617	10.4	190854.8	-7012.7
2618	10.0	190911.8	-7013.9
2619	9.4	190932.3	-7001.9
2620	9.8	190932.8	-7048.4
2621	10.2	190936.8	-7006.7
2622	10.3	190945.8	-7001.7
2623	10.4	191007.3	-7003.0
2624	10.2	191009.3	-7044.5
2625	10.3	191017.8	-7005.5
2626	10.2	191019.3	-7016.0
2627	7.9	191035.3	-7020.0
2628	10.2	191121.3	-7003.9
2629	8.6	191218.3	-7001.0
2630	8.4	191231.3	-7042.9
2631	8.8	191242.3	-7032.9
2632	10.4	191247.3	-7013.4
2633	9.7	191254.8	-7023.8
2634	9.8	191255.3	-7035.0
2635	9.9	191340.3	-7015.7
2636	9.0	191420.8	-7031.6
2637	10.2	191426.3	-7028.3
2638	10.0	191459.3	-7022.4
2639	8.6	191524.3	-7033.4
2640	9.9	191525.8	-7048.7
2641	9.1	191537.3	-7054.8
2642	10.4	191622.8	-7008.6
2643	9.6	191649.3	-7010.5
2644	9.8	191654.3	-7002.5
2645	10.2	191654.3	-7026.8
2646	8.8	191705.8	-7017.6
2647	9.8	191709.3	-7038.3
2648	10.4	191711.8	-7005.6

-70 2649 19h17m

-70 3008 23h25m

2649	9.2	191727.8	-7003.5	2739	9.1	194556.7	-7002.6	2829	8.9	205407.0	-7023.7
2650	10.0	191744.3	-7019.5	2740	8.6	194559.7	-7024.6	2830	8.5	205510.0	-7006.1
2651	9.2	191747.3	-7036.2	2741	8.6	194617.2	-7051.6	2831	10.0	205717.0	-7003.9
2652	10.4	191814.3	-7021.4	2742	10.4	194640.8	-7009.5	2832	10.0	205903.0	-7016.5
2653	8.6	191839.1	-7056.7	2743	9.2	194645.2	-7008.9	2833	10.0	205951.0	-7035.1
2654	10.2	191849.3	-7050.7	2744	10.0	194653.2	-7043.0	2834	8.8	210031.0	-7039.9
2655	9.1	191926.3	-7022.1	2745	10.4	194700.7	-7045.2	2835	6.7	210134.0	-7037.9
2656	8.6	191945.8	-7033.8	2746	10.4	194729.7	-7038.5	2836	10.0	210201.0	-7019.1
2657	10.0	192012.8	-7048.3	2747	9.6	194733.2	-7012.4	2837	9.4	210217.0	-7055.9
2658	9.8	192016.3	-7045.6	2748	10.0	194748.7	-7013.2	2838	9.6	210344.0	-7031.7
2659	10.3	192019.3	-7015.7	2749	10.3	194818.4	-7031.7	2839	8.8	210429.0	-7044.7
2660	7.9	192049.3	-7046.1	2750	8.8	194820.7	-7045.7	2840	10.0	210710.0	-7012.9
2661	9.9	192116.3	-7024.5	2751	8.8	194824.7	-7035.0	2841	8.8	210803.0	-7035.9
2662	10.0	192118.8	-7055.2	2752	9.6	194828.9	-7032.8	2842	9.6	211219.0	-7027.9
2663	10.0	192127.8	-7026.4	2753	9.7	194847.4	-7001.9	2843	9.2	211251.0	-7011.3
2664	8.2	192137.8	-7013.8	2754	9.2	194851.9	-7037.1	2844	8.5	211255.0	-7015.9
2665	9.7	192247.9	-7040.2	2755	9.1	194909.2	-7018.6	2845	9.8	211328.0	-7019.0
2666	9.2	192306.9	-7007.1	2756	10.2	194916.4	-7042.1	2846	10.0	211412.0	-7014.8
2667	9.0	192326.4	-7004.9	2757	9.4	194941.7	-7009.8	2847	8.5	211505.0	-7039.6
2668	10.4	192331.9	-7030.9	2758	10.4	195050.4	-7046.1	2848	9.6	211633.0	-7000.0
2669	10.4	192405.4	-7018.8	2759	9.2	195109.7	-7014.4	2849	8.9	211651.0	-7017.6
2670	10.0	192422.4	-7009.0	2760	10.3	195142.4	-7012.8	2850	6.7	211732.0	-7002.6
2671	10.4	192422.4	-7016.9	2761	9.4	195214.4	-7005.4	2851	9.6	211909.0	-7020.0
2672	9.5	192446.4	-7024.2	2762	8.1	195218.2	-7031.7	2852	9.6	211938.0	-7052.9
2673	9.8	192536.9	-7004.8	2763	10.0	195246.4	-7014.2	2853	9.4	212017.5	-7021.2
2674	8.5	192537.9	-7007.3	2764	9.2	195256.2	-7030.3	2854	10.0	212027.0	-7006.9
2675	9.0	192555.9	-7039.4	2765	9.2	195314.5	-7041.8	2855	10.0	212110.0	-7030.7
2676	9.1	192600.3	-7002.5	2766	10.0	195328.9	-7043.2	2856	8.6	212136.5	-7002.2
2677	9.6	192604.4	-7004.4	2767	9.4	195346.9	-7035.5	2857	8.7	212311.0	-7024.5
2678	9.4	192647.9	-7015.7	2768	9.7	195349.4	-7001.8	2858	9.3	212400.0	-7053.5
2679	10.4	192658.9	-7044.4	2769	9.9	195524.4	-7034.5	2859	9.8	212513.0	-7033.5
2680	9.7	192712.4	-7018.3	2770	9.2	195530.2	-7015.4	2860	9.1	212538.5	-7053.1
2681	10.2	192734.9	-7051.4	2771	9.6	195738.0	-7026.1	2861	6.8	212718.5	-7011.3
2682	10.4	192736.4	-7016.5	2772	9.8	195831.0	-7056.8	2862	10.0	213038.0	-7036.9
2683	10.4	192759.4	-7046.7	2773	9.8	195950.0	-7027.1	2863	9.3	213044.0	-7056.1
2684	9.4	192816.4	-7009.8	2774	9.8	200045.0	-7057.4	2864	9.5	213138.0	-7052.9
2685	9.7	192900.9	-7042.7	2775	9.8	200159.0	-7055.0	2865	9.4	213508.0	-7003.5
2686	9.6	192915.4	-7057.4	2776	9.8	200238.0	-7022.0	2866	9.3	213549.0	-7036.9
2687	9.5	192957.7	-7029.9	2777	9.8	200446.0	-7031.3	2867	10.0	213617.0	-7053.2
2688	9.4	193009.2	-7013.3	2778	8.8	200523.0	-7054.7	2868	10.0	213646.0	-7048.9
2689	10.0	193129.7	-7013.9	2779	9.6	200527.0	-7013.5	2869	9.8	213654.0	-7039.1
2690	10.3	193130.8	-7030.7	2780	9.8	200703.5	-7017.0	2870	10.0	213803.0	-7050.3
2691	8.0	193146.7	-7018.2	2781	9.8	200745.0	-7015.9	2871	9.6	213926.0	-7042.9
2692	9.6	193150.7	-7041.9	2782	9.5	201028.0	-7026.7	2872	10.0	213949.0	-7016.7
2693	8.1	193158.7	-7055.0	2783	9.8	201121.0	-7008.5	2873	7.2	214010.0	-7012.5
2694	9.9	193208.7	-7019.5	2784	9.8	201205.0	-7035.6	2874	9.1	214011.0	-7000.9
2695	9.8	193215.7	-7019.9	2785	9.8	201304.5	-7035.2	2875	9.5	214015.0	-7052.1
2696	9.8	193216.7	-7006.7	2786	9.8	201537.0	-7026.0	2876	9.8	214053.0	-7022.5
2697	10.0	193238.7	-7035.1	2787	9.5	201547.0	-7014.5	2877	7.9	214101.0	-7055.9
2698	9.9	193239.7	-7022.6	2788	8.9	201812.0	-7025.3	2878	9.0	214139.0	-7002.7
2699	9.5	193248.2	-7004.3	2789	8.9	202035.0	-7057.9	2879	10.0	214302.0	-7039.3
2700	9.6	193249.7	-7032.8	2790	9.8	202224.0	-7022.9	2880	10.0	214313.0	-7040.1
2701	9.8	193313.2	-7030.9	2791	9.5	202256.5	-7000.4	2881	9.8	214347.0	-7024.0
2702	8.8	193319.2	-7056.2	2792	7.3	202325.7	-7001.9	2882	9.8	214418.0	-7030.3
2703	9.0	193334.2	-7057.3	2793	9.4	202337.0	-7057.5	2883	10.0	214426.0	-7030.8
2704	10.4	193335.2	-7017.9	2794	9.8	202435.0	-7032.0	2884	6.7	214450.0	-7042.0
2705	10.0	193344.2	-7048.9	2795	8.4	202559.0	-7030.0	2885	7.0	214458.0	-7039.2
2706	10.0	193413.7	-7053.4	2796	9.8	202737.0	-7008.8	2886	10.0	214616.0	-7031.8
2707	10.0	193452.8	-7023.1	2797	9.8	202812.0	-7023.0	2887	8.8	214746.0	-7013.2
2708	10.2	193457.3	-7010.3	2798	8.8	202826.0	-7011.8	2888	10.0	215006.5	-7059.1
2709	10.0	193516.3	-7056.0	2799	9.6	202928.0	-7040.0	2889	9.2	215057.0	-7002.7
2710	9.2	193521.3	-7053.0	2800	9.8	202955.0	-7004.0	2890	9.8	215314.0	-7004.6
2711	8.6	193540.3	-7029.1	2801	9.8	203050.0	-7023.0	2891	10.0	215520.0	-7042.7
2712	9.7	193555.3	-7047.0	2802	8.7	203102.0	-7045.9	2892	10.0	215530.0	-7017.4
2713	10.4	193703.8	-7020.6	2803	9.0	203116.5	-7059.2	2893	10.0	215606.0	-7005.1
2714	8.8	193703.8	-7030.1	2804	8.2	203152.0	-7017.8	2894	9.8	215608.0	-7022.3
2715	9.7	193803.8	-7030.3	2805	10.0	203244.0	-7026.6	2895	9.6	215626.0	-7050.0
2716	9.2	193806.8	-7002.1	2806	9.6	203454.0	-7042.1	2896	9.4	215640.0	-7033.1
2717	10.4	193812.8	-7004.7	2807	10.0	203740.0	-7014.8	2897	9.8	215703.0	-7026.3
2718	10.4	193814.3	-7012.6	2808	9.0	203743.0	-7008.8	2898	10.0	215730.0	-7009.1
2719	8.6	193830.3	-7058.5	2809	9.2	204049.0	-7033.1	2899	7.0	215735.0	-7053.7
2720	10.4	193848.8	-7039.6	2810	10.0	204352.0	-7024.3	2900	10.0	215822.0	-7037.1
2721	9.6	193929.3	-7027.1	2811	9.8	204452.0	-7032.9	2901	8.6	220044.0	-7009.3
2722	10.4	193951.3	-7013.0	2812	7.4	204629.5	-7053.9	2902	9.5	220259.0	-7051.9
2723	8.5	194023.3	-7015.8	2813	10.0	204631.0	-7040.3	2903	9.0	220301.0	-7018.0
2724	9.1	194132.7	-7030.3	2814	7.4	204802.7	-7003.0	2904	9.8	220329.0	-7017.1
2725	9.9	194151.3	-7043.8	2815	9.4	204817.0	-7012.3	2905	9.1	220340.5	-7027.6
2726	9.9	194157.3	-7013.7	2816	8.5	204856.0	-7005.9	2906	10.4	220524.8	-7043.0
2727	10.2	194209.8	-7037.1	2817	9.6	204917.0	-7002.9	2907	9.6	220527.3	-7015.0
2728	8.5	194219.3	-7031.3	2818	10.0	204923.0	-7013.0	2908	10.0	220618.5	-7047.2
2729	10.0	194226.3	-7031.9	2819	8.7	205035.5	-7030.1	2909	9.7	220620.8	-7010.4
2730	9.1	194233.7	-7012.4	2820	10.0	205138.0	-7028.3	2910	10.4	220708.8	-7019.4
2731	9.9	194236.7	-7051.9	2821	9.6	205141.0	-7044.8	2911	10.0	220805.0	-7037.0
2732	10.0	194409.7	-7043.2	2822	8.6	205201.0	-7055.0	2912	9.7	220843.0	-7008.8
2733	9.0	194409.7	-7049.0	2823	8.8	205207.0	-7035.7	2913	9.3	220843.5	-7048.8
2734	10.0	194436.7	-7051.0	2824	10.0	205227.0	-7040.5	2914	10.4	220848.0	-7007.0
2735	10.0	194449.7	-7028.9	2825	8.8	205230.0	-7041.9	2915	10.4	220925.5	-7034.5
2736	9.6	194519.7	-7003.8	2826	9.6	205349.0	-7004.6	2916	10.4	220928.8	-7010.8
2737	9.8	194547.7	-7019.2	2827	9.6	205357.0	-7005.5	2917	10.0	220937.5	-7017.6
2738	8.6	194551.2	-7035.7	2828	9.6	205403.5	-7001.8	2918	10.4	221118.0	-7054.2
2919	10.4	221149.8	-7042.3								
2920	10.2	221155.0	-7038.5								
2921	9.6	221210.3	-7048.6								
2922	9.0	221220.0	-7016.8								
2923	10.4	221236.5	-7038.0								
2924	9.5	221309.0	-7056.2								
2925	10.2	221453.5	-7056.4								
2926	10.0	221501.0	-7053.4								
2927	9.7	221517.0	-7014.5								
2928	10.0	221617.0	-7038.8								
2929	10.0	221619.5	-7047.4								
2930	8.1	221742.5	-7020.2								
2931	10.4	221744.6	-7014.2								
2932	8.2	221951.5	-7004.5								
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2934	9.8	222038.5	-7022.7								
2935	9.7	222046.5	-7036.1								
2936	10.0	222054.5	-7030.8								
2937	10.2	222119.0	-7029.5								
2938	10.4	222157.5	-7056.0								
2939	10.0	222243.0	-7021.3								
2940	10.0	222259.0	-7022.6								
2941	10.0	222411.1	-7048.3								
2942	9.8	222507.1	-7039.6								
2943	10.0	222622.6	-7031.9								
2944	10.4	222804.1	-7036.0								
2945	9.4	222938.6	-7014.8								
2946	9.4	222949.4	-7000.4								
2947	9.8	222956.1	-7032.2								
2948	10.4	223001.2	-7053.9								
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2950	9.8	223211.2	-7031.0								
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2953	8.8	223313.7	-7024.3								
2954	9.8	223324.7	-7026.0								
2955	10.4	223430.7	-7042.6								
2956	10.0	223503.7	-7015.5								
2957	9.0	223531.2	-7025.9								
2958	9.6	223647.2	-7047.4								
2959	10.0	223739.2	-7030.0								
2960	8.2	223757.7	-7011.0								
2961	6.9	223838.7	-7007.9								
2962	9.8	223858.7	-7053.4								
2963	10.0	223958.7	-7010.7								
2964	9.5	224023.1	-7027.0								
2965	9.7	224040.6	-7024.8								
2966	8.9	224055.6	-7048.7								
2967	8.8	224210.6	-7034.6								
2968	10.0	224231.6	-7008.8								
2969	9.6	224249.1	-7023.2								
2970	10.4	224356.6	-7037.4								
2971	6.6	224555.1	-7044.3								
2972	10.4	224637.1	-7032.8								
2973	9.6	224649.5	-7001.3								
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2975	8.1	224730.5	-7018.4								
2976	8.8	224804.0	-7007.2								
2977	9.6	224812.0	-7020.6								
2978	10.4	224828.0	-7029.3								
2979	10.0	224843.5	-7058.1								
2980	9.2	224853.0	-7026.7								
2981	8.5	224917.0	-7007.1								
2982	8.5	224920.0	-7010.1								
2983	10.2	225106.0	-7046.5								
2984	9.0	225344.2	-7021.1								
2985	10.2	225358.5	-7056.5								
2986	9.3	225405.8	-7013.3								
2987	9.2	225408.2	-7027.1								
2988	10.4	225445.8	-7038.9								
2989	10.2	225538.5	-7050.3								
2990	10.2	225619.5	-7049.6								
2991	10.2	225658.5	-7053.3								
2992	8.6	225845.2	-7021.7								
2993	8.4	225939.0	-7042.9								
2994	9.8	225945.0	-7024.1								
2995	9.4	230345.0	-7045.6								
2996	8.1	230403.0	-7047.4								
2997	9.9	230429.0	-7012.6								
2998	9.9	230431.0	-7030.1								
2999	7.2	230559.0	-7044.5								
3000	8.0	230809.0	-7035.1								
3001	8.6	230835.0	-7056.0								
3002	9.2	230953.0	-7002.7								
3003	9.5	231403.0	-7023.1								
3004	9.8	231627.0	-7002.7								
3005	9.9	232245.0	-7026.7								
3006	9.9	232335.0	-7055.7								
3007	9.4	232409.0	-7002.0								
3008	9.9	232509.0	-7035.7								

3009	9.2	232609.0	-7020.1	61	7.9	12039.2	-7119.6	151	10.4	23634.1	-7148.9	241	9.8	40529.0	-7128.9
3010	9.9	232635.0	-7041.3	62	8.8	12225.2	-7152.7	152	10.6	23643.8	-7103.9	242	9.6	40545.0	-7155.9
3011	8.0	232721.0	-7045.4	63	9.5	12247.7	-7130.7	153	10.8	23726.1	-7141.8	243	9.7	40642.0	-7100.0
3012	9.2	232841.0	-7021.3	64	10.3	12411.7	-7122.8	154	7.6	23737.0	-7112.9	244	9.6	40647.5	-7136.0
3013	8.6	232958.5	-7043.8	65	9.0	12421.7	-7130.3	155	9.8	23912.8	-7151.2	245	9.6	40655.0	-7129.5
3014	9.8	233317.0	-7038.8	66	10.3	12556.7	-7142.7	156	7.8	24026.7	-7159.5	246	9.7	40801.0	-7153.7
3015	8.1	233454.5	-7007.9	67	8.6	12741.2	-7115.4	157	9.8	24137.3	-7145.3	247	9.7	40810.0	-7150.6
3016	9.3	233600.5	-7044.2	68	9.2	12821.2	-7134.5	158	10.2	24138.9	-7126.8	248	9.4	40927.0	-7133.8
3017	8.8	233841.0	-7022.7	69	7.7	13018.2	-7130.4	159	8.2	24150.6	-7144.0	249	8.4	40938.5	-7158.0
3018	9.4	234037.0	-7004.2	70	9.9	13214.7	-7128.8	160	9.8	24225.2	-7139.8	250	9.0	41121.5	-7139.7
3019	9.3	234132.0	-7033.7	71	10.0	13254.2	-7112.0	161	10.0	24255.2	-7145.3	251	8.6	41213.0	-7103.4
3020	9.0	234141.5	-7014.1	72	10.3	13529.7	-7147.2	162	10.2	24337.7	-7120.3	252	9.3	41220.0	-7126.9
3021	8.8	234321.0	-7039.5	73	9.8	13613.7	-7123.4	163	9.2	24347.7	-7120.2	253	9.4	41424.0	-7152.1
3022	9.0	234346.0	-7031.6	74	9.8	13928.2	-7109.7	164	9.1	24425.7	-7126.1	254	9.6	41448.0	-7137.8
3023	9.4	234618.0	-7045.4	75	10.3	14056.2	-7119.9	165	6.8	24439.7	-7145.5	255	9.7	41458.0	-7106.9
3024	9.3	234626.0	-7031.5	76	9.6	14148.7	-7111.2	166	9.6	24859.2	-7129.5	256	9.0	41520.0	-7104.0
3025	8.6	234814.0	-7025.9	77	10.3	14228.2	-7131.1	167	9.8	24925.6	-7157.0	257	8.8	41604.0	-7126.3
3026	9.4	234943.0	-7056.8	78	10.3	14337.7	-7103.7	168	9.8	25022.2	-7128.1	258	9.6	41619.0	-7108.9
3027	9.2	234954.0	-7056.9	79	9.4	14649.7	-7103.9	169	9.8	25030.1	-7100.6	259	9.4	41712.0	-7125.5
3028	9.3	235135.0	-7037.5	80	9.8	14814.9	-7150.3	170	10.0	25123.2	-7105.2	260	9.7	41859.5	-7157.9
3029	9.4	235148.0	-7001.6	81	10.3	14840.7	-7136.2	171	9.3	25213.2	-7153.0	261	9.4	42157.0	-7112.5
3030	9.4	235211.5	-7038.1	82	10.8	14849.7	-7135.2	172	9.5	25251.2	-7152.9	262	9.4	42232.0	-7134.2
3031	9.3	235212.0	-7012.1	83	10.8	15007.2	-7111.3	173	10.2	25302.2	-7133.8	263	9.6	42236.5	-7157.3
3032	8.8	235230.0	-7021.0	84	10.2	15108.4	-7105.5	174	10.2	25306.7	-7151.9	264	9.2	42650.0	-7133.9
3033	9.3	235259.0	-7044.7	85	10.8	15248.7	-7122.8	175	8.9	25439.2	-7103.4	265	9.1	42739.5	-7101.8
3034	8.8	235412.0	-7022.1	86	10.8	15428.7	-7111.6	176	9.5	25519.2	-7101.9	266	9.4	42802.0	-7128.8
3035	9.4	235448.0	-7053.0	87	10.2	15443.4	-7141.4	177	9.8	25654.7	-7145.6	267	9.7	42934.0	-7143.9
3036	9.0	235452.0	-7049.3	88	8.9	15457.2	-7144.1	178	9.2	25727.2	-7115.3	268	9.6	43012.0	-7102.7
3037	9.4	235453.0	-7053.2	89	10.8	15521.4	-7123.8	179	10.2	25743.2	-7100.5	269	9.6	43142.0	-7159.0
3038	8.3	235837.0	-7054.2	90	10.8	15547.2	-7136.6	180	10.0	25821.2	-7144.0	270	9.4	43202.0	-7157.4
1	9.0	00030.0	-7117.0	91	10.4	15557.7	-7103.4	181	9.6	30008.7	-7113.8	271	9.5	43228.0	-7133.5
2	8.8	00408.0	-7131.9	92	10.8	15609.2	-7132.8	182	8.6	30103.7	-7141.9	272	9.4	43234.0	-7129.6
3	9.2	01006.0	-7156.9	93	9.6	15747.7	-7133.9	183	8.8	30117.9	-7100.9	273	8.9	43407.0	-7109.1
4	7.2	01028.0	-7105.3	94	9.6	15811.0	-7118.8	184	9.8	30219.2	-7157.2	274	9.6	43709.0	-7103.6
5	8.5	01336.0	-7121.2	95	10.8	15848.0	-7110.9	185	10.0	30228.5	-7115.0	275	8.4	43800.0	-7156.5
6	9.3	01455.0	-7152.0	96	10.8	15855.0	-7132.1	186	10.2	30249.5	-7127.2	276	9.6	43814.5	-7101.9
7	9.4	01517.0	-7118.0	97	10.8	15959.5	-7120.9	187	9.4	30253.0	-7144.5	277	9.4	43912.0	-7119.4
8	9.4	01613.0	-7113.4	98	7.6	20016.0	-7101.4	188	10.0	30604.5	-7103.9	278	7.9	44128.0	-7144.4
9	9.4	01756.0	-7147.1	99	9.2	20030.5	-7127.8	189	9.3	30629.5	-7121.6	279	9.0	44144.0	-7105.6
10	9.4	01826.5	-7108.2	100	10.8	20115.0	-7103.3	190	10.2	30801.5	-7103.2	280	9.4	44348.0	-7150.0
11	9.6	01845.0	-7143.4	101	10.2	20148.0	-7108.2	191	9.4	30816.0	-7119.0	281	8.1	44354.0	-7143.5
12	9.6	01921.5	-7123.3	102	8.8	20155.0	-7151.1	192	9.8	30829.0	-7118.7	282	5.9	44418.0	-7109.6
13	9.4	02005.0	-7155.0	103	10.2	20204.0	-7135.6	193	9.3	30844.0	-7110.8	283	9.4	44634.0	-7113.2
14	9.4	02034.0	-7102.9	104	10.8	20205.4	-7102.4	194	9.8	30845.5	-7147.4	284	8.5	44801.0	-7119.5
15	10.6	02048.0	-7158.1	105	10.8	20220.5	-7116.6	195	9.8	31109.0	-7115.1	285	9.7	44941.0	-7117.0
16	9.3	02122.0	-7155.9	106	8.9	20332.5	-7113.5	196	9.3	31142.5	-7113.4	286	9.2	44959.5	-7113.9
17	9.6	02154.5	-7102.7	107	10.8	20535.0	-7102.7	197	10.0	31438.5	-7156.8	287	9.7	45002.0	-7106.6
18	9.6	02312.6	-7159.0	108	10.8	20807.0	-7118.7	198	9.8	31507.3	-7144.2	288	9.6	45025.5	-7136.2
19	9.4	02554.5	-7101.2	109	9.8	20835.0	-7134.7	199	8.5	31636.3	-7146.3	289	9.6	45113.2	-7159.1
20	6.6	02804.0	-7157.3	110	7.5	20956.5	-7132.0	200	9.8	31811.1	-7134.6	290	9.6	45226.5	-7144.6
21	9.0	03042.0	-7132.1	111	10.8	21007.5	-7157.7	201	9.4	31846.3	-7155.9	291	9.6	45234.5	-7144.2
22	9.4	03157.5	-7128.0	112	10.6	21050.5	-7155.9	202	8.2	31937.3	-7153.5	292	9.6	45308.5	-7152.1
23	9.6	03424.0	-7128.4	113	9.0	21132.7	-7122.4	203	10.2	32126.0	-7156.9	293	9.3	45336.0	-7144.0
24	9.1	03436.0	-7147.2	114	10.8	21222.2	-7135.8	204	9.1	32132.4	-7157.3	294	9.7	45356.5	-7117.2
25	9.4	03611.0	-7154.1	115	10.6	21231.2	-7142.9	205	9.8	32157.4	-7114.5	295	9.0	45420.5	-7146.5
26	8.4	03937.0	-7151.1	116	9.2	21248.2	-7107.5	206	9.4	32250.0	-7113.8	296	9.7	45449.5	-7118.2
27	9.3	04123.0	-7154.7	117	9.8	21350.7	-7129.8	207	9.6	32752.7	-7116.0	297	9.6	45618.8	-7101.6
28	7.0	04612.0	-7150.1	118	10.4	21445.7	-7156.4	208	9.7	32826.0	-7110.0	298	9.6	45626.5	-7158.6
29	9.6	04650.0	-7111.8	119	10.8	21507.9	-7109.1	209	9.1	32831.6	-7152.8	299	9.5	45635.5	-7157.0
30	9.6	04740.0	-7118.1	120	9.2	21520.4	-7147.7	210	9.6	32929.0	-7109.4	300	9.4	45712.0	-7129.8
31	9.6	04905.0	-7110.6	121	8.9	21546.4	-7138.7	211	9.4	33043.0	-7108.8	301	8.7	45814.5	-7106.8
32	9.3	04923.0	-7129.0	122	8.1	21707.9	-7115.1	212	9.1	33858.0	-7116.0	302	9.6	45831.5	-7148.2
33	9.4	05323.0	-7108.1	123	9.9	21935.4	-7140.9	213	9.4	33909.0	-7105.5	303	9.6	45923.5	-7152.8
34	8.6	05332.0	-7132.5	124	9.5	21945.4	-7119.9	214	8.3	34000.0	-7129.9	304	9.6	50022.5	-7149.6
35	7.0	05858.0	-7131.2	125	10.8	22036.4	-7122.8	215	9.4	34136.0	-7119.8	305	9.2	50100.5	-7102.4
36	9.6	10017.0	-7112.6	126	9.8	22101.9	-7116.0	216	9.7	34137.0	-7154.0	306	9.6	50257.0	-7135.8
37	8.7	10118.0	-7136.0	127	9.4	22129.9	-7104.1	217	8.8	34418.0	-7123.5	307	9.6	50331.0	-7146.0
38	9.6	10226.0	-7107.0	128	9.2	22157.9	-7144.1	218	9.8	34420.0	-7123.4	308	9.5	50345.0	-7130.6
39	9.2	10232.5	-7158.4	129	10.1	22237.9	-7146.2	219	9.4	34421.0	-7108.3	309	7.9	50420.0	-7129.1
40	8.9	10428.7	-7120.0	130	10.4	22250.9	-7140.4	220	9.7	34421.0	-7132.2	310	9.6	50505.0	-7135.0
41	10.3	10436.5	-7134.1	131	8.8	22407.4	-7122.7	221	8.5	34523.0	-7129.0	311	9.4	50706.0	-7129.5
42	9.8	10453.5	-7147.6	132	10.6	22437.9	-7153.5	222	9.0	34802.0	-7118.0	312	9.6	50726.0	-7136.7
43	8.8	10456.0	-7108.4	133	10.6	22716.9	-7145.3	223	9.4	34819.0	-7110.8	313	9.6	50727.0	-7114.2
44	8.8	10532.7	-7118.6	134	9.6	22805.4	-7159.8	224	9.4	34821.0	-7110.9	314	9.7	50729.0	-7122.7
45	9.0	10554.5	-7109.1	135	8.4	22806.4	-7109.8	225	9.0	34822.0	-7158.1	315	8.8	50845.0	-7125.5
46	10.3	10608.0	-7129.0	136	10.8	22813.9	-7135.8	226	9.8	34858.0	-7106.1	316	9.4	50853.0	-7120.7
47	8.8	10720.0	-7100.8	137	9.6	22816.9	-7114.4	227	9.2	35129.5	-7140.0	317	9.6	50903.0	-7117.2
48	10.3	10840.5	-7138.6	138	8.2	22836.4	-7128.1	228	9.7	35500.5	-7112.2	318	9.4	50906.0	-7149.1
49	10.0	10851.0	-7107.5	139	10.1	22914.9	-7107.7	229	9.4	35513.5	-7119.2	319	9.2	51122.0	-7133.0
50	8.2	10920.5	-7132.6	140	10.8	22947.9	-7155.5	230	9.2	35631.5	-7153.7	320	9.6	51244.0	-7118.8
51	9.9	10950.0	-7131.9	141	10.8	23036.4	-7157.1	231	9.3	35953.5	-7157.1	321	9.6	51359.0	-7105.2
52	9.4	11010.0	-7107.3	142	10.8	23116.9	-7113.9	232	9.7	40019.5	-7130.9	322	9.3	51423.0	-7115.4
53	10.0	11011.5	-7145.5	143	9.6	23201.4	-7131.1	233	9.3	40040.5	-7117.5	323	9.1	51435.0	-7112.0
54	9.9	11032.5	-7142.0	144	8.4	23232.4	-7118.8	234	6.7	40127.5	-7130.9	324	9.6	51457.0	-7121.8
55	10.3	11241.5	-7133.8	145	10.2	23300.2	-7153.4	235	9.6	40315.5	-7129.7	325	9.0	51605.0	-7138.2
56	10.0	11358.5	-7102.0	146	10.1	23349.7	-7119.4	236	9.4	40320.5	-7129.1	326	9.6	51634.0	-7111.4
57	9.8	11415.5	-7131.6	147	9.4	23448.7	-7120.9	237	9.4	40348.5	-7105.9	327	9.6	51649.0	-7150.4
58	8.2	11515.8	-7146.5	148	10.8	23509.5	-7130.7	238	9.2	40456.5	-7144.1	328	9.6	51841.0	-7104.3
59	10.3	11857.2	-7126.0	149	8.9	23548.4	-7141.1	239	9.6	40456.5	-7112.9	329	9.7	51843.0	-7143.9
60	9.9	11928.7	-7151.8	150	10.4	23630.3	-7133.1	240	9.4	40518.0	-7153.9	330	8.7	51915.0	-7139.4

331	9.5	52131.0	-7153.3	421	9.7	61236.0	-7100.9	511	9.0	70043.0	-7104.7	601	10.4	73835.0	-7108.9
332	9.5	52145.0	-7136.1	422	8.9	61403.0	-7147.4	512	9.0	70052.0	-7130.4	602	10.4	73905.0	-7152.7
333	9.0	52149.0	-7105.0	423	10.2	61423.0	-7100.0	513	9.2	70152.0	-7106.6	603	9.2	73917.0	-7135.8
334	8.8	52220.0	-7139.0	424	9.9	61639.0	-7152.4	514	10.0	70216.3	-7101.6	604	10.0	73920.0	-7121.2
335	8.4	52416.0	-7137.2	425	8.8	61653.0	-7136.5	515	8.0	70219.0	-7112.8	605	9.6	74005.0	-7122.9
336	9.7	52449.0	-7149.8	426	7.4	61705.0	-7139.4	516	10.1	70409.0	-7138.0	606	9.9	74128.0	-7133.9
337	9.6	52502.0	-7112.1	427	9.6	62036.8	-7159.3	517	10.1	70445.0	-7111.0	607	7.7	74159.0	-7127.9
338	9.6	52555.0	-7115.6	428	10.1	62116.0	-7143.2	518	9.2	70509.0	-7129.3	608	9.7	74219.0	-7101.0
339	9.6	52717.0	-7123.9	429	10.1	62132.0	-7125.5	519	8.4	70525.0	-7148.4	609	10.4	74255.0	-7105.7
340	9.1	52735.0	-7104.2	430	9.2	62139.0	-7119.0	520	10.0	70541.5	-7116.5	610	10.4	74259.0	-7148.0
341	9.6	52829.0	-7131.0	431	9.8	62154.0	-7131.6	521	9.8	70608.5	-7127.0	611	10.4	74321.0	-7121.7
342	9.6	52836.0	-7122.3	432	9.0	62216.5	-7139.0	522	10.2	70618.5	-7140.5	612	8.2	74355.0	-7114.3
343	9.7	52847.0	-7105.2	433	9.6	62257.0	-7125.4	523	9.9	70649.0	-7145.1	613	10.3	74400.5	-7100.1
344	8.9	52915.0	-7118.8	434	9.7	62335.5	-7141.8	524	8.1	70703.5	-7105.0	614	10.4	74427.0	-7154.9
345	8.9	52953.0	-7111.5	435	9.9	62341.5	-7109.2	525	10.2	70709.5	-7159.9	615	9.0	74439.0	-7118.3
346	8.5	53222.5	-7100.5	436	9.8	62405.5	-7124.9	526	10.3	70715.5	-7106.3	616	9.2	74515.0	-7105.8
347	9.6	53228.0	-7130.5	437	10.1	62516.0	-7105.1	527	9.9	70719.5	-7116.9	617	10.0	74640.0	-7157.5
348	9.6	53229.0	-7109.2	438	10.0	62540.0	-7137.0	528	10.2	70805.0	-7133.0	618	7.6	74721.0	-7124.5
349	9.6	53235.0	-7118.2	439	9.2	62707.0	-7127.0	529	9.8	70809.5	-7114.7	619	10.0	75040.0	-7135.1
350	9.6	53246.0	-7111.4	440	9.6	62712.0	-7128.1	530	10.3	70809.5	-7145.2	620	9.5	75046.0	-7158.4
351	9.7	53256.0	-7109.2	441	9.0	62748.0	-7157.9	531	10.3	70834.0	-7120.1	621	10.0	75102.0	-7113.2
352	10.2	53311.5	-7153.0	442	9.6	62752.0	-7120.9	532	9.8	70834.5	-7119.1	622	9.2	75148.5	-7109.1
353	9.3	53617.5	-7101.2	443	10.0	62836.0	-7118.0	533	10.4	70922.5	-7103.9	623	10.0	75156.0	-7106.1
354	8.6	53651.5	-7149.2	444	10.0	62851.0	-7129.5	534	9.8	70929.5	-7105.7	624	8.6	75227.0	-7141.1
355	8.5	53658.0	-7112.7	445	9.9	62907.0	-7123.0	535	10.3	70949.5	-7149.9	625	9.8	75302.0	-7142.7
356	8.6	53717.5	-7144.9	446	8.2	62944.0	-7156.3	536	10.3	71043.0	-7104.9	626	10.0	75313.5	-7157.1
357	9.9	53730.5	-7110.5	447	9.4	62953.0	-7145.4	537	10.0	71101.5	-7104.1	627	10.0	75352.0	-7117.7
358	10.0	53825.0	-7121.4	448	9.8	63004.0	-7129.6	538	10.4	71112.0	-7121.9	628	8.8	75406.0	-7118.1
359	10.1	53931.5	-7105.7	449	8.2	63114.0	-7124.9	539	9.9	71118.0	-7137.9	629	9.4	75452.3	-7100.8
360	10.2	53933.5	-7132.3	450	9.8	63156.0	-7126.0	540	10.4	71126.0	-7129.9	630	9.8	75622.0	-7131.8
361	10.1	54001.5	-7145.2	451	10.0	63222.0	-7129.0	541	10.3	71140.0	-7130.2	631	10.0	75622.0	-7153.1
362	9.3	54013.5	-7142.9	452	9.2	63222.0	-7110.0	542	10.3	71156.0	-7109.3	632	10.0	75650.0	-7113.0
363	9.5	54015.5	-7120.8	453	10.1	63258.0	-7134.9	543	10.3	71218.0	-7103.9	633	8.3	75710.0	-7139.1
364	10.1	54050.5	-7105.8	454	9.6	63300.0	-7159.0	544	9.7	71220.0	-7134.1	634	9.8	75714.0	-7112.1
365	8.6	54052.5	-7142.0	455	10.0	63331.0	-7143.5	545	9.7	71237.0	-7152.3	635	9.8	75726.0	-7112.0
366	9.6	54221.5	-7116.5	456	9.8	63345.0	-7144.9	546	10.2	71238.0	-7105.9	636	9.7	75736.0	-7106.3
367	9.7	54227.5	-7108.8	457	9.8	63351.0	-7142.0	547	9.0	71422.0	-7147.0	637	9.8	75741.5	-7144.6
368	10.2	54300.5	-7103.0	458	10.0	63417.0	-7152.0	548	10.2	71428.7	-7158.9	638	9.4	75759.5	-7142.8
369	10.2	54405.5	-7132.7	459	9.9	63421.0	-7106.0	549	10.3	71452.0	-7126.9	639	10.0	75806.5	-7143.9
370	9.8	54429.0	-7144.2	460	8.6	63505.0	-7132.9	550	10.0	71502.0	-7116.3	640	9.0	75817.5	-7139.2
371	10.2	54449.0	-7112.6	461	10.0	63511.0	-7121.1	551	10.4	71540.0	-7103.9	641	9.4	75906.5	-7110.4
372	10.2	54457.0	-7115.0	462	10.1	63515.0	-7146.0	552	10.4	71547.0	-7151.9	642	8.4	80001.5	-7105.3
373	9.7	54503.0	-7123.6	463	9.6	63526.0	-7113.0	553	9.6	71609.0	-7130.5	643	8.3	80210.5	-7149.5
374	9.3	54535.0	-7106.5	464	10.1	63534.0	-7108.0	554	9.7	71642.0	-7149.4	644	10.0	80213.5	-7148.9
375	9.9	54607.0	-7136.8	465	10.0	63625.0	-7125.2	555	10.4	71658.0	-7159.5	645	9.1	80241.0	-7141.9
376	9.6	54842.5	-7102.8	466	10.0	63643.0	-7148.0	556	10.2	71754.0	-7134.7	646	9.7	80253.0	-7143.5
377	8.9	54845.0	-7138.4	467	9.6	63653.0	-7103.5	557	7.7	71829.0	-7131.2	647	9.2	80311.0	-7120.7
378	9.5	54901.0	-7133.6	468	9.2	63704.0	-7151.8	558	10.4	71855.0	-7147.9	648	9.6	80422.0	-7136.9
379	9.9	54903.0	-7148.2	469	9.9	63809.0	-7155.0	559	9.4	71856.0	-7106.1	649	9.4	80602.0	-7139.0
380	8.8	54914.5	-7101.6	470	9.9	63937.0	-7134.0	560	10.2	71950.0	-7103.8	650	9.0	80703.0	-7127.0
381	10.2	54956.0	-7121.2	471	9.8	63954.0	-7129.0	561	10.4	72013.0	-7117.9	651	10.0	80705.0	-7141.9
382	10.1	55001.0	-7148.0	472	10.2	64026.0	-7147.8	562	9.0	72030.0	-7157.0	652	10.0	80723.0	-7114.4
383	10.2	55007.0	-7119.2	473	9.4	64040.0	-7114.0	563	10.3	72057.0	-7110.9	653	8.9	80815.0	-7147.0
384	10.2	55030.0	-7108.8	474	10.0	64237.0	-7122.5	564	9.8	72120.0	-7107.9	654	9.4	80822.0	-7121.0
385	9.9	55157.0	-7132.4	475	8.9	64240.5	-7100.0	565	9.0	72217.0	-7117.4	655	8.8	80845.0	-7146.3
386	10.0	55209.0	-7123.0	476	7.7	64251.0	-7138.8	566	10.2	72248.0	-7105.1	656	10.0	80917.0	-7109.5
387	9.0	55211.0	-7122.9	477	9.9	64305.0	-7111.3	567	9.4	72305.0	-7119.9	657	8.5	80936.0	-7121.0
388	9.2	55241.0	-7153.9	478	8.6	64321.0	-7105.2	568	9.4	72308.0	-7121.6	658	9.1	80941.0	-7157.7
389	9.2	55304.0	-7159.7	479	9.6	64402.0	-7154.0	569	10.3	72349.0	-7139.9	659	10.0	81026.0	-7103.9
390	9.9	55311.0	-7100.9	480	8.6	64404.0	-7145.6	570	8.0	72422.0	-7142.7	660	10.0	81101.0	-7109.1
391	10.2	55354.0	-7157.9	481	9.7	64437.0	-7142.2	571	10.4	72428.0	-7115.5	661	10.0	81109.8	-7101.9
392	9.5	55434.0	-7132.0	482	10.0	64444.0	-7146.4	572	10.4	72530.0	-7116.2	662	9.8	81125.0	-7143.1
393	10.2	55507.0	-7114.8	483	9.9	64453.0	-7118.0	573	9.6	72544.0	-7128.0	663	9.2	81137.0	-7158.0
394	9.6	55601.5	-7158.7	484	10.1	64457.0	-7151.5	574	6.8	72554.0	-7113.1	664	10.0	81201.0	-7157.0
395	10.1	55621.0	-7130.0	485	9.4	64459.0	-7120.2	575	9.6	72646.0	-7118.5	665	10.0	81308.0	-7149.0
396	9.6	55654.0	-7140.0	486	9.0	64543.0	-7150.7	576	10.2	72650.0	-7146.8	666	9.6	81353.0	-7138.9
397	10.0	55718.0	-7126.6	487	9.2	64718.0	-7114.8	577	10.3	72716.0	-7117.3	667	10.0	81416.0	-7110.2
398	10.2	55723.0	-7120.9	488	9.2	64724.0	-7149.1	578	9.7	72725.0	-7108.5	668	9.2	81559.0	-7126.9
399	9.7	55801.0	-7155.0	489	10.1	64737.0	-7129.0	579	10.2	72737.5	-7158.8	669	9.9	81603.0	-7110.5
400	9.9	55809.0	-7129.8	490	10.1	64821.0	-7138.3	580	9.0	72744.5	-7158.8	670	9.6	81755.0	-7118.9
401	9.4	55907.0	-7126.8	491	9.0	64909.5	-7158.0	581	10.4	72830.0	-7133.5	671	8.8	81815.0	-7153.6
402	9.9	55931.0	-7111.0	492	9.7	64921.0	-7112.8	582	9.0	72910.0	-7104.5	672	10.0	81817.0	-7155.4
403	9.0	55939.0	-7106.7	493	10.0	65000.0	-7136.0	583	8.8	73028.0	-7144.1	673	10.0	81859.0	-7137.0
404	8.8	60011.0	-7119.7	494	10.1	65003.0	-7118.1	584	10.2	73045.0	-7126.6	674	9.2	81911.0	-7103.8
405	9.9	60018.0	-7100.0	495	9.8	65045.0	-7133.4	585	10.3	73050.0	-7127.9	675	8.3	81912.0	-7134.8
406	9.2	60020.0	-7122.2	496	9.6	65240.0	-7157.0	586	10.3	73105.0	-7139.9	676	9.6	81947.0	-7145.2
407	8.8	60105.0	-7111.6	497	9.6	65251.0	-7153.4	587	10.4	73302.0	-7151.8	677	5.8	82010.0	-7106.9
408	9.0	60223.0	-7132.8	498	10.1	65311.0	-7159.0	588	8.5	73310.0	-7143.9	678	6.7	82021.0	-7106.2
409	9.8	60305.0	-7155.7	499	10.1	65446.0	-7144.8	589	9.8	73339.0	-7109.7	679	9.0	82026.0	-7105.8
410	9.0	60353.0	-7102.2	500	9.6	65531.0	-7126.0	590	9.1	73349.0	-7100.9	680	9.9	82129.0	-7141.9
411	10.1	60355.0	-7108.1	501	10.0	65631.0	-7155.7	591	9.8	73359.0	-7107.6	681	10.0	82134.0	-7157.1
412	9.6	60358.5	-7157.4	502	10.0	65648.0	-7110.4	592	10.4	73409.5	-7157.4	682	8.0	82140.0	-7133.9
413	9.8	60422.0	-7139.7	503	10.0	65726.7	-7102.0	593	10.2	73452.0	-7107.9	683	10.0	82201.5	-7133.9
414	9.9	61007.0	-7121.4	504	9.6	65733.0	-7116.3	594	9.7	73453.0	-7110.1	684	10.0	82216.5	-7123.9
415	8.6	61014.0	-7105.6	505	10.1	65750.8	-7100.0	595	8.8	73509.0	-7120.5	685	9.2	82234.5	-7148.1
416	10.0	61049.5	-7159.0	506	7.8	65856.0	-7151.7	596	9.6	73607.0	-7151.7	686	10.0	82244.5	-7157.0
417	9.5	61059.0	-7128.6	507	10.1	65910.0	-7140.4	597	10.3	73635.0	-7119.7	687	9.7	82310.5	-7142.1
418	10.1	61105.0	-7147.6	508	9.4	65914.0	-7129.0	598	9.6	73725.0	-7131.9	688	10.0	82346.5	-7143.0
419	9.3	61127.0	-7142.6	509	10.0	65919.0	-7153.0	599	10.0	73728.0	-7145.9	689	9.1	82351.5	-7135.9
420	9.9	61156.0	-7129.3	510	8.6	70024.0	-7154.0	600	9.9	73739.0	-7125.5	690	10.0	82354.5	-7138.2

691	9.4	82412.5	-7134.0	781	8.5	90139.0	-7136.5	871	9.6	94334.0	-7145.9	961	9.9	101525.0	-7120.2
692	9.4	82514.5	-7118.6	782	10.0	90224.0	-7106.1	872	8.5	94413.0	-7112.5	962	9.9	101550.0	-7150.3
693	10.0	82538.5	-7136.8	783	9.0	90328.0	-7153.2	873	9.4	94419.0	-7137.9	963	9.8	101551.0	-7108.2
694	9.7	82600.5	-7146.0	784	9.6	90459.0	-7153.6	874	9.1	94431.0	-7149.9	964	9.4	101608.0	-7123.7
695	10.0	82629.5	-7137.6	785	9.5	90500.0	-7108.1	875	9.5	94437.0	-7153.1	965	9.6	101618.0	-7118.6
696	9.6	82657.5	-7150.8	786	10.0	90501.0	-7156.3	876	9.0	94503.0	-7126.2	966	9.9	101622.5	-7101.6
697	9.9	82713.5	-7147.9	787	9.1	90517.0	-7115.1	877	9.0	94607.0	-7109.4	967	9.9	101624.5	-7102.7
698	8.4	82714.5	-7107.6	788	10.1	90523.0	-7132.6	878	9.0	94753.0	-7140.9	968	9.2	101628.0	-7113.8
699	10.0	82746.5	-7120.9	789	9.6	90552.0	-7114.0	879	8.3	94911.0	-7133.4	969	9.9	101652.0	-7154.8
700	10.0	82834.5	-7141.9	790	9.4	90624.0	-7132.3	880	9.2	94925.0	-7116.8	970	9.6	101659.0	-7116.9
701	10.0	82844.5	-7104.4	791	9.7	90635.0	-7113.0	881	9.0	94939.0	-7148.2	971	9.5	101713.0	-7153.8
702	7.4	82916.5	-7139.6	792	9.9	90737.0	-7139.9	882	6.9	95031.0	-7121.3	972	9.8	101716.0	-7140.8
703	9.7	82935.5	-7115.9	793	9.9	90923.0	-7108.3	883	9.1	95113.0	-7109.6	973	9.7	101719.0	-7110.5
704	9.8	83049.5	-7143.9	794	8.3	90930.0	-7127.9	884	9.1	95129.5	-7103.0	974	9.9	101735.0	-7127.2
705	9.0	83056.5	-7118.0	795	8.2	90945.0	-7140.2	885	8.6	95312.5	-7157.7	975	9.9	101737.0	-7159.4
706	9.7	83107.5	-7155.0	796	10.0	90948.0	-7127.2	886	9.4	95344.0	-7150.8	976	8.4	101740.0	-7130.0
707	9.2	83120.5	-7120.0	797	9.1	91002.0	-7159.7	887	9.5	95400.0	-7108.0	977	9.5	101744.0	-7125.9
708	10.0	83133.5	-7144.2	798	10.1	91018.0	-7100.2	888	9.6	95403.0	-7129.3	978	9.9	101746.0	-7114.5
709	9.6	83210.5	-7109.9	799	9.3	91117.0	-7139.1	889	9.1	95413.0	-7109.3	979	9.8	101801.0	-7157.3
710	9.2	83252.5	-7107.9	800	10.1	91130.0	-7145.6	890	9.2	95415.0	-7152.4	980	9.8	101802.0	-7118.8
711	8.0	83256.5	-7122.1	801	9.1	91148.0	-7137.9	891	9.2	95417.0	-7114.4	981	9.4	101804.0	-7125.9
712	10.0	83436.5	-7119.4	802	7.5	91245.0	-7106.0	892	9.6	95433.0	-7155.7	982	8.4	101818.0	-7143.2
713	9.8	83445.5	-7133.9	803	10.1	91300.0	-7121.9	893	9.6	95513.0	-7117.6	983	9.9	101849.0	-7121.3
714	10.0	83520.0	-7102.1	804	9.9	91323.0	-7154.1	894	9.6	95525.0	-7138.4	984	9.7	101852.0	-7126.7
715	10.1	83522.0	-7100.1	805	8.5	91448.0	-7139.9	895	7.4	95608.0	-7127.9	985	9.4	101855.0	-7120.6
716	10.1	83541.0	-7103.0	806	8.1	91454.0	-7139.1	896	9.0	95625.0	-7105.4	986	8.4	101855.0	-7138.0
717	10.0	83550.0	-7105.0	807	10.1	91509.0	-7115.5	897	9.6	95633.0	-7111.6	987	9.8	101858.0	-7123.9
718	9.7	83555.0	-7130.4	808	9.7	91539.0	-7150.1	898	9.4	95637.0	-7152.1	988	9.4	101911.0	-7149.9
719	8.8	83624.5	-7113.3	809	10.1	91609.0	-7153.1	899	8.2	95809.0	-7157.4	989	9.8	101914.0	-7142.1
720	10.0	83626.0	-7156.0	810	10.0	91625.0	-7135.0	900	9.6	95810.0	-7117.4	990	9.8	101923.0	-7127.1
721	10.1	83650.0	-7151.1	811	9.7	91651.0	-7110.1	901	8.0	95903.0	-7143.1	991	9.8	101935.0	-7125.4
722	9.4	83724.0	-7152.8	812	10.1	91659.0	-7104.6	902	9.1	95909.0	-7127.3	992	9.8	101935.0	-7125.7
723	9.9	83801.5	-7144.1	813	9.8	91715.0	-7129.6	903	9.2	100021.5	-7159.5	993	9.9	101938.0	-7111.8
724	8.4	83900.5	-7154.1	814	9.7	91757.5	-7102.1	904	9.1	100103.0	-7155.5	994	9.8	101940.0	-7119.2
725	8.5	83922.0	-7141.0	815	10.1	91835.0	-7157.1	905	7.7	100249.0	-7127.9	995	9.0	101945.0	-7118.2
726	10.0	83942.3	-7100.6	816	10.1	91837.0	-7130.6	906	9.6	100250.0	-7158.9	996	9.4	102003.0	-7151.6
727	9.9	83954.5	-7144.5	817	9.9	91911.0	-7121.1	907	8.8	100253.0	-7115.8	997	9.9	102038.0	-7158.6
728	8.6	84015.0	-7150.8	818	9.6	91921.0	-7101.2	908	8.8	100323.0	-7153.8	998	9.7	102038.5	-7100.8
729	8.3	84015.5	-7125.9	819	8.9	91959.5	-7153.7	909	8.8	100407.0	-7109.8	999	8.3	102049.0	-7104.9
730	10.0	84016.5	-7140.5	820	9.2	92044.0	-7137.8	910	8.7	100411.0	-7131.1	1000	9.9	102055.0	-7102.6
731	9.1	84035.5	-7116.6	821	9.2	92127.5	-7108.6	911	9.8	100450.0	-7154.5	1001	9.9	102104.0	-7150.8
732	9.8	84102.0	-7124.6	822	8.1	92217.0	-7116.3	912	9.9	100459.0	-7101.3	1002	9.9	102105.0	-7151.2
733	9.5	84127.0	-7153.7	823	9.5	92242.0	-7140.3	913	9.4	100507.0	-7107.4	1003	9.4	102115.0	-7127.5
734	9.8	84243.0	-7158.0	824	9.2	92257.5	-7143.2	914	9.9	100514.7	-7159.6	1004	9.8	102140.0	-7114.8
735	9.6	84259.0	-7112.1	825	8.4	92322.0	-7113.0	915	8.7	100522.5	-7137.0	1005	9.9	102143.5	-7155.7
736	10.1	84315.0	-7134.2	826	9.6	92341.0	-7144.1	916	9.6	100543.0	-7148.1	1006	9.4	102158.0	-7111.1
737	10.1	84341.0	-7147.1	827	9.6	92414.0	-7155.2	917	9.9	100546.0	-7114.0	1007	9.2	102204.0	-7115.7
738	8.7	84342.0	-7122.1	828	9.6	92507.5	-7124.4	918	9.8	100605.0	-7114.2	1008	9.7	102216.5	-7103.1
739	10.1	84343.0	-7112.2	829	9.0	92519.0	-7135.2	919	9.7	100619.0	-7153.6	1009	9.4	102223.0	-7126.4
740	10.0	84348.0	-7100.4	830	9.4	92523.2	-7159.3	920	9.9	100653.0	-7153.8	1010	9.4	102224.0	-7135.7
741	8.9	84353.0	-7125.8	831	9.6	92533.0	-7126.1	921	9.9	100702.0	-7156.6	1011	9.3	102225.0	-7109.7
742	9.2	84354.0	-7117.9	832	9.2	92538.0	-7127.6	922	9.9	100709.0	-7154.4	1012	9.4	102245.0	-7128.6
743	10.1	84439.0	-7127.2	833	7.4	92552.0	-7103.5	923	9.0	100715.0	-7123.7	1013	9.6	102250.0	-7101.1
744	10.0	84442.5	-7157.6	834	9.2	92558.0	-7138.5	924	9.2	100749.5	-7118.7	1014	9.7	102250.0	-7155.7
745	10.1	84448.0	-7110.6	835	7.7	92636.0	-7114.2	925	9.9	100759.0	-7153.4	1015	8.3	102301.0	-7155.3
746	10.1	84455.0	-7100.8	836	8.5	92659.0	-7106.5	926	9.8	100811.0	-7144.3	1016	9.6	102305.0	-7124.7
747	9.6	84510.0	-7140.4	837	7.6	92721.0	-7152.4	927	9.7	100821.0	-7107.2	1017	9.9	102308.0	-7152.8
748	9.4	84528.0	-7119.2	838	9.5	92819.0	-7131.5	928	9.8	100835.0	-7147.7	1018	9.9	102309.0	-7149.3
749	8.8	84551.0	-7128.9	839	9.0	92825.0	-7153.3	929	9.8	100842.0	-7107.7	1019	9.9	102319.0	-7148.8
750	8.6	84742.0	-7123.0	840	9.0	92842.0	-7143.8	930	9.0	100842.5	-7150.6	1020	9.8	102351.0	-7141.2
751	10.1	84833.0	-7104.2	841	9.1	92905.0	-7106.5	931	9.9	100848.0	-7152.7	1021	9.8	102407.0	-7111.4
752	10.0	84902.0	-7119.1	842	9.4	92909.0	-7116.4	932	9.8	100938.0	-7109.2	1022	9.9	102422.0	-7124.6
753	9.4	84916.0	-7110.1	843	8.6	92926.5	-7101.8	933	9.8	100942.0	-7104.3	1023	9.1	102444.0	-7103.5
754	10.1	84918.0	-7132.8	844	9.0	92933.0	-7113.0	934	9.9	100958.0	-7154.6	1024	9.9	102445.0	-7135.7
755	9.5	84921.0	-7124.2	845	9.6	92953.0	-7104.0	935	9.9	101008.0	-7118.7	1025	9.8	102539.0	-7155.8
756	9.6	84955.0	-7100.0	846	9.6	93027.0	-7140.4	936	9.8	101026.0	-7123.8	1026	9.8	102544.0	-7132.8
757	10.1	85001.0	-7121.7	847	7.7	93041.0	-7154.9	937	9.4	101033.0	-7147.6	1027	8.6	102550.0	-7109.6
758	8.9	85045.0	-7104.9	848	9.4	93055.7	-7131.5	938	9.8	101041.0	-7120.6	1028	9.5	102554.5	-7.58.7
759	10.1	85210.0	-7131.7	849	9.3	93059.0	-7147.5	939	9.4	101042.0	-7121.6	1029	9.7	102609.0	-7136.0
760	9.4	85241.0	-7134.9	850	8.1	93149.0	-7135.1	940	7.8	101050.5	-7103.0	1030	9.9	102613.0	-7158.8
761	9.7	85249.0	-7114.1	851	9.3	93226.0	-7150.3	941	9.8	101117.0	-7156.9	1031	8.6	102640.0	-7159.3
762	9.4	85252.0	-7129.5	852	9.3	93259.0	-7150.4	942	9.2	101119.0	-7151.4	1032	9.6	102653.0	-7143.9
763	9.0	85322.0	-7102.1	853	8.8	93333.0	-7102.1	943	9.6	101135.0	-7118.2	1033	9.6	102704.0	-7143.7
764	9.3	85339.0	-7109.5	854	9.6	93427.0	-7155.9	944	9.4	101154.0	-7100.6	1034	5.8	102710.0	-7120.8
765	9.8	85351.0	-7120.1	855	9.6	93503.0	-7130.1	945	9.1	101159.0	-7129.7	1035	9.8	102716.0	-7142.9
766	9.7	85353.0	-7149.2	856	8.6	93530.0	-7107.5	946	9.7	101221.0	-7125.9	1036	9.7	102719.0	-7132.2
767	8.5	85447.0	-7148.0	857	8.6	93534.0	-7152.5	947	9.9	101230.0	-7112.7	1037	9.9	102726.0	-7150.0
768	10.1	85500.0	-7151.0	858	9.4	93534.0	-7100.5	948	9.9	101235.0	-7138.2	1038	9.9	102745.0	-7130.9
769	9.6	85504.0	-7129.0	859	9.6	93631.0	-7129.6	949	9.9	101249.0	-7113.2	1039	9.2	102758.0	-7112.6
770	10.0	85543.0	-7147.1	860	9.4	93735.0	-7110.9	950	9.5	101306.0	-7126.6	1040	9.7	102759.0	-7116.9
771	9.7	85551.0	-7147.4	861	9.4	93813.0	-7108.3	951	9.9	101332.0	-7137.0	1041	9.7	102803.0	-7131.4
772	8.5	85622.0	-7145.8	862	9.6	93846.0	-7122.1	952	9.9	101341.0	-7111.6	1042	9.8	102805.0	-7119.7
773	8.2	85643.0	-7155.3	863	9.4	93855.0	-7114.2	953	9.2	101351.0	-7153.2	1043	9.9	102819.0	-7118.2
774	10.0	85654.0	-7106.1	864	8.8	94007.0	-7137.0	954	9.3	101403.0	-7138.4	1044	9.8	102842.0	-7152.2
775	10.0	85809.0	-7138.1	865	9.0	94041.0	-7141.0	955	9.4	101403.0	-7118.3	1045	7.8	102846.0	-7127.9
776	9.2	85903.0	-7143.6	866	7.1	94105.0	-7137.0	956	9.6	101424.5	-7101.7	1046	9.1	102859.0	-7105.7
777	9.0	90003.0	-7139.7	867	9.2	94216.0	-7147.5	957	9.4	101426.0	-7134.9	1047	9.4	102920.0	-7133.2
778	10.1	90007.0	-7129.5	868	9.6	94313.0	-7112.0	958	9.6	101434.0	-7150.6	1048	9.2	102923.0	-7128.9
779	7.9	90033.5	-7157.3	869	9.4	94331.0	-7140.1	959	9.4	101503.0	-7126.2	1049	8.6	102927.0	-7146.9
780	10.1	90108.0	-7139.5	870	9.5	94333.0	-7142.2	960	9.4	101505.0	-7125.9	1050	9.0	102929.0	-7147.7

1051	9.8	102943.0	-7137.8	1141	8.5	104601.0	-7109.7	1231	9.2	111245.0	-7148.7
1052	9.9	103019.5	-7101.6	1142	9.2	104615.0	-7118.8	1232	9.4	111247.0	-7148.0
1053	9.7	103024.0	-7125.4	1143	9.8	104635.0	-7139.8	1233	9.4	111330.0	-7113.2
1054	9.9	103029.0	-7125.7	1144	9.4	104640.0	-7112.8	1234	9.6	111418.0	-7137.0
1055	9.8	103053.0	-7102.8	1145	9.8	104702.0	-7110.0	1235	9.5	111424.0	-7129.9
1056	9.8	103102.0	-7155.7	1146	9.7	104705.0	-7141.4	1236	9.6	111425.0	-7136.1
1057	9.8	103102.0	-7112.8	1147	9.6	104719.0	-7109.8	1237	9.1	111440.0	-7113.1
1058	9.9	103105.0	-7148.9	1148	9.8	104733.0	-7107.9	1238	7.3	111513.0	-7118.5
1059	8.8	103109.0	-7149.7	1149	9.8	104741.0	-7108.6	1239	9.2	111544.0	-7120.4
1060	9.0	103134.0	-7104.9	1150	9.6	104743.0	-7152.3	1240	9.5	111548.0	-7116.0
1061	9.8	103150.0	-7116.8	1151	9.9	104754.0	-7103.9	1241	9.6	111604.0	-7120.7
1062	9.7	103155.5	-7157.9	1152	9.9	104817.0	-7146.8	1242	8.5	111633.0	-7106.1
1063	9.3	103158.0	-7101.5	1153	9.7	104819.0	-7138.2	1243	8.9	111641.0	-7143.5
1064	9.8	103208.0	-7143.4	1154	9.9	104821.0	-7137.8	1244	9.0	111644.0	-7121.0
1065	9.9	103218.0	-7112.8	1155	9.2	104859.0	-7127.7	1245	9.3	111704.0	-7149.0
1066	9.2	103231.0	-7135.6	1156	9.5	104900.0	-7132.5	1246	9.4	111733.5	-7159.7
1067	9.8	103232.0	-7153.8	1157	9.0	104911.0	-7137.5	1247	9.2	111910.0	-7110.5
1068	9.8	103235.0	-7137.2	1158	9.8	104918.0	-7109.2	1248	6.9	111912.0	-7134.1
1069	9.8	103241.0	-7144.7	1159	9.5	104924.5	-7153.9	1249	7.9	111956.0	-7107.4
1070	9.8	103248.0	-7111.6	1160	8.8	104937.5	-7142.2	1250	9.2	112154.0	-7116.1
1071	9.9	103304.0	-7123.7	1161	9.8	104941.0	-7118.3	1251	8.5	112240.5	-7123.0
1072	9.3	103306.0	-7156.2	1162	9.4	104944.0	-7145.6	1252	9.6	112253.5	-7105.1
1073	7.9	103308.0	-7151.8	1163	7.7	105005.0	-7129.3	1253	7.2	112311.5	-7147.1
1074	9.5	103321.0	-7105.5	1164	9.9	105009.0	-7107.6	1254	9.6	112445.5	-7107.1
1075	8.3	103338.5	-7102.7	1165	9.8	105011.0	-7108.3	1255	9.0	112455.5	-7138.7
1076	9.2	103341.0	-7141.8	1166	9.9	105016.0	-7130.9	1256	8.9	112526.5	-7121.2
1077	9.8	103344.0	-7107.6	1167	9.4	105027.5	-7115.3	1257	9.6	112627.5	-7154.0
1078	9.6	103350.0	-7137.9	1168	9.0	105045.5	-7103.2	1258	8.4	112629.5	-7114.3
1079	9.6	103404.5	-7156.7	1169	9.8	105050.0	-7158.8	1259	8.8	12640.5	-7147.6
1080	9.4	103405.0	-7122.9	1170	9.6	105101.5	-7122.6	1260	9.1	112651.5	-7117.7
1081	9.8	103409.0	-7106.7	1171	9.6	105143.0	-7142.8	1261	9.4	112653.5	-7159.0
1082	9.6	103428.5	-7158.0	1172	9.8	105230.0	-7126.2	1262	8.7	112737.5	-7122.3
1083	9.9	103437.5	-7158.3	1173	9.8	105233.0	-7108.5	1263	9.6	112742.5	-7126.3
1084	9.2	103457.0	-7128.7	1174	9.9	105251.0	-7145.6	1264	9.2	112806.5	-7159.2
1085	9.8	103458.0	-7107.4	1175	9.8	105300.0	-7104.0	1265	9.6	12956.5	-7122.1
1086	9.9	103502.0	-7150.4	1176	9.2	105305.0	-7155.9	1266	9.6	113146.5	-7154.0
1087	9.4	103516.0	-7152.5	1177	9.4	105339.5	-7155.9	1267	9.6	113300.5	-7106.9
1088	9.7	103523.0	-7139.0	1178	9.9	105351.8	-7159.8	1268	7.5	113307.5	-7140.5
1089	9.7	103538.0	-7110.1	1179	9.6	105401.0	-7138.8	1269	9.5	113323.0	-7127.5
1090	9.8	103541.0	-7154.0	1180	9.6	105405.5	-7134.8	1270	9.5	113409.0	-7149.9
1091	9.9	103551.0	-7151.7	1181	9.6	105411.0	-7111.0	1271	9.6	113526.0	-7141.1
1092	9.9	103617.0	-7116.7	1182	9.6	105416.0	-7109.8	1272	9.5	113612.5	-7128.1
1093	9.9	103641.0	-7155.2	1183	9.4	105419.5	-7148.5	1273	9.1	113707.0	-7130.4
1094	9.8	103643.0	-7127.4	1184	9.2	105516.0	-7139.8	1274	7.3	113727.5	-7145.1
1095	9.8	103647.0	-7106.4	1185	9.6	105526.0	-7112.0	1275	9.5	113736.0	-7121.6
1096	9.9	103704.0	-7107.9	1186	9.6	105530.0	-7123.1	1276	9.2	113743.0	-7119.3
1097	9.8	103728.0	-7127.2	1187	9.2	105556.0	-7131.9	1277	9.5	113748.5	-7147.9
1098	8.4	103815.0	-7138.4	1188	9.1	105604.0	-7116.4	1278	9.6	113757.5	-7107.5
1099	9.8	103820.0	-7120.1	1189	9.6	105727.0	-7129.0	1279	9.5	113818.5	-7106.2
1100	9.9	103829.0	-7145.4	1190	9.2	105745.0	-7152.6	1280	9.5	114032.5	-7137.9
1101	9.8	103832.0	-7137.4	1191	7.8	105749.0	-7104.6	1281	9.4	114104.5	-7159.3
1102	9.6	103844.5	-7157.5	1192	9.2	105800.0	-7138.9	1282	9.4	114116.5	-7131.9
1103	9.6	103851.0	-7138.5	1193	7.4	105842.0	-7133.9	1283	8.6	114140.5	-7104.7
1104	9.2	103900.0	-7149.6	1194	9.2	105852.0	-7124.9	1284	9.5	114210.5	-7114.9
1105	9.2	103916.0	-7110.5	1195	9.5	105906.0	-7149.1	1285	9.5	114244.5	-7155.0
1106	8.8	103920.0	-7105.6	1196	9.4	105925.0	-7106.8	1286	9.5	114313.5	-7136.7
1107	9.7	103925.0	-7104.8	1197	8.9	105955.0	-7113.0	1287	9.4	114540.5	-7131.8
1108	9.9	103934.0	-7108.5	1198	8.1	110138.0	-7159.9	1288	9.4	114610.5	-7152.4
1109	7.9	103935.0	-7132.4	1199	9.6	110231.0	-7129.0	1289	9.0	114628.5	-7147.7
1110	9.9	103937.0	-7112.8	1200	9.6	110321.0	-7107.7	1290	9.2	114631.5	-7154.9
1111	9.8	103942.0	-7143.8	1201	9.0	110337.0	-7157.8	1291	9.0	114637.5	-7134.3
1112	9.9	103943.0	-7124.8	1202	9.0	110506.0	-7136.9	1292	9.5	114639.5	-7122.7
1113	9.7	104011.0	-7114.9	1203	9.5	110510.5	-7157.8	1293	8.4	114745.5	-7107.3
1114	8.8	104035.0	-7124.4	1204	9.2	110515.5	-7158.1	1294	9.4	114826.5	-7153.5
1115	9.0	104035.0	-7115.8	1205	9.6	110616.0	-7148.1	1295	8.2	114914.5	-7107.9
1116	9.7	104035.0	-7114.3	1206	9.2	110623.0	-7133.1	1296	9.2	114924.5	-7148.9
1117	9.6	104055.0	-7117.9	1207	9.5	110626.0	-7104.5	1297	8.3	115147.5	-7105.1
1118	7.6	104058.0	-7147.1	1208	9.5	110643.0	-7131.3	1298	9.1	115152.5	-7142.0
1119	9.9	104111.0	-7105.9	1209	9.6	110644.5	-7101.5	1299	9.5	115403.5	-7121.3
1120	9.7	104123.0	-7104.8	1210	9.6	110646.0	-7105.3	1300	9.5	115422.5	-7118.7
1121	9.9	104134.0	-7149.8	1211	9.2	110646.0	-7147.9	1301	8.7	115700.5	-7138.7
1122	9.9	104135.0	-7140.4	1212	9.1	110742.0	-7117.9	1302	8.3	115707.5	-7129.9
1123	8.4	104240.0	-7130.3	1213	9.6	110752.0	-7136.0	1303	9.5	115710.5	-7146.9
1124	9.8	104246.0	-7158.6	1214	7.7	110754.0	-7104.2	1304	9.5	115731.5	-7106.9
1125	9.2	104255.0	-7144.6	1215	9.2	110806.0	-7125.1	1305	8.8	115823.5	-7150.4
1126	9.2	104313.0	-7142.7	1216	9.6	110820.0	-7124.0	1306	7.8	115824.5	-7145.7
1127	9.8	104318.0	-7106.3	1217	9.3	110825.0	-7158.9	1307	9.3	115845.5	-7150.1
1128	9.8	104334.0	-7119.5	1218	9.6	110848.0	-7146.1	1308	8.9	120001.5	-7107.9
1129	9.2	104337.0	-7148.5	1219	9.2	110904.0	-7147.2	1309	9.5	120017.5	-7130.9
1130	9.8	104339.0	-7116.9	1220	9.2	110914.0	-7107.1	1310	9.2	120020.5	-7150.4
1131	9.4	104422.0	-7146.6	1221	9.6	111000.0	-7136.1	1311	9.3	120131.5	-7106.9
1132	9.4	104428.0	-7145.7	1222	9.5	111004.0	-7129.9	1312	9.2	120150.5	-7157.1
1133	9.2	104431.5	-7103.1	1223	9.0	111010.0	-7125.9	1313	9.4	120153.5	-7120.1
1134	9.4	104439.0	-7131.8	1224	9.6	111047.0	-7120.0	1314	9.5	120231.0	-7158.7
1135	9.4	104449.0	-7105.4	1225	9.3	111057.0	-7107.7	1315	9.2	120311.5	-7108.9
1136	9.6	104500.0	-7156.7	1226	9.2	111119.0	-7122.5	1316	8.5	120311.5	-7104.9
1137	9.6	104505.0	-7112.1	1227	9.6	111122.0	-7118.4	1317	8.8	120334.5	-7103.0
1138	9.4	104517.0	-7107.7	1228	9.2	111146.0	-7133.6	1318	8.8	120441.0	-7134.5
1139	9.8	104529.0	-7131.6	1229	9.1	111202.0	-7129.1	1319	9.2	120652.5	-7100.1
1140	9.6	104545.0	-7125.5	1230	9.0	111244.0	-7137.8	1320	9.3	120703.0	-7123.8
1321	7.8	120729.0	-7126.5
1322	9.0	120748.0	-7129.6
1323	6.1	120930.0	-7155.0
1324	8.2	121149.0	-7111.3
1325	8.8	121218.0	-7113.3
1326	6.8	121740.0	-7154.5
1327	8.6	122015.5	-7145.8
1328	9.2	122025.5	-7138.9
1329	9.5	122111.5	-7130.0
1330	9.6	122138.5	-7104.1
1331	8.4	122308.5	-7119.9
1332	9.2	122311.5	-7134.1
1333	9.8	122342.5	-7102.6
1334	9.8	122431.5	-7136.0
1335	9.8	122454.5	-7136.9
1336	4.9	122500.0	-7126.4
1337	9.2	122512.5	-7105.0
1338	8.3	122519.5	-7140.9
1339	9.5	122541.5	-7153.2
1340	9.8	122542.5	-7127.0
1341	9.6	122603.5	-7139.0
1342	9.5	122621.5	-7158.5
1343	9.4	122622.3	-7101.0
1344	9.0	122631.5	-7113.4
1345	9.5	122631.5	-7143.5
1346	9.8	122638.5	-7157.9
1347	9.2	122858.5	-7111.1
1348	9.8	122942.5	-7106.5
1349	9.5	122946.0	-7100.9
1350	9.5	123111.5	-7136.9
1351	9.8	123118.5	-7142.1
1352	9.0	123128.5	-7135.4
1353	9.0	123148.5	-7142.8
1354	9.6	123157.2	-7159.1
1355	9.8	123219.8	-7150.1
1356	9.8	123222.0	-7158.5
1357	9.4	123228.5	-7119.8
1358	8.7	123232.5	-7127.2
1359	9.6	123238.5	-7121.4
1360	9.8	123253.5	-7103.0
1361	9.0	123256.5	-7132.1
1362	9.5	123259.5	-7106.7
1363	9.8	123321.0	-7158.7
1364	9.8	123324.0	-7159.7
1365	9.2	123341.5	-7124.4
1366	9.4	123400.5	-7103.0
1367	9.4	123449.5	-7130.1
1368	9.6	123453.5	-7107.6
1369	9.8	123534.5	-7138.8
1370	8.4	123542.5	-7145.6
1371	9.6	123613.5	-7106.9
1372	9.8	123616.5	-7113.3
1373	9.8	123619.5	-7144.8
1374	9.8	123620.5	-7141.9
1375	8.9	123723.5	-7141.1
1376	8.8	123734.2	-7101.7
1377	9.8	123739.5	-7102.0
1378	9.6	123739.5	-7127.1
1379	9.7	123818.5	-7141.1
1380	9.8	123900.5	-7134.2
1381	9.8	123903.5	-7121.9
1382	9.8	123924.5	-7125.1
1383	8.3	123939.5	-7100.0
1384	9.8	123943.5	-7136.3
1385	8.7	123957.5	-7146.6
1386	9.5	124033.5	-7130.0
1387	9.7	124114.5	-7145.2
1388	9.8	124128.2	-7157.4
1389	7.7	124129.5	-7103.1
1390	9.3	124140.5	-7158.6
1391	7.4	124141.5	-7118.2
1392	9.4	124235.0	-7105.4
1393	9.6	124249.0	-7135.5
1394	9.8	124346.0	-7110.2
1395	9.8	124401.0	-7135.5
1396	9.4	124428.0	-7150.5
1397	9.4	124501.0	-7107.0
1398	9.6	124553.0	-7147.3
1399	9.8	124555.0	-7138.9
1400	9.2	124612.0	-7105.3
1401	9.4	124633.0	-7129.5
1402	9.2	124719.0	-7142.2
1403	9.8	124755.0	-7113.2
1404	7.9	124813.0	-7130.4
1405	9.8	124820.0	-7107.5
1406	9.8	124909.0	-7133.3
1407	9.8	124943.0	-7110.1
1408	9.2	124948.0	-7126.7
1409	9.4	124952.0	-7120.6
1410	9.4	124956.0	-7143.0

1411	9.5	124959.0	-7131.3	1501	9.9	133238.0	-7114.9	1591	8.8	141736.2	-7101.7	1681	9.8	144521.5	-7150.0
1412	9.6	125053.0	-7135.5	1502	9.1	133325.0	-7127.0	1592	9.5	142037.5	-7149.5	1682	8.5	144537.0	-7116.0
1413	8.9	125214.0	-7123.3	1503	9.4	133342.0	-7154.0	1593	9.3	142119.5	-7130.4	1683	9.6	144542.5	-7101.5
1414	8.8	125218.5	-7157.2	1504	9.5	133518.0	-7145.5	1594	9.2	142120.5	-7157.1	1684	9.2	144559.0	-7141.6
1415	8.0	125219.0	-7145.2	1505	9.9	133518.0	-7110.0	1595	9.2	142141.5	-7112.0	1685	9.5	144614.0	-7114.4
1416	9.0	125242.0	-7157.3	1506	9.8	133533.0	-7145.5	1596	9.4	142205.2	-7102.3	1686	9.0	144621.0	-7125.5
1417	8.2	125303.0	-7140.4	1507	8.7	133550.0	-7121.1	1597	9.4	142506.5	-7104.7	1687	9.8	144623.5	-7144.9
1418	9.8	125304.0	-7145.2	1508	9.6	133609.0	-7151.0	1598	9.3	142536.5	-7116.2	1688	9.2	144633.0	-7117.2
1419	8.2	125409.0	-7145.4	1509	9.8	133621.0	-7108.0	1599	9.4	142600.5	-7112.0	1689	9.6	144648.5	-7150.0
1420	9.6	125454.0	-7104.2	1510	9.9	133624.0	-7132.1	1600	9.5	142626.5	-7106.0	1690	9.1	144658.3	-7156.2
1421	9.6	125500.0	-7132.9	1511	9.9	133717.0	-7134.9	1601	9.4	142704.5	-7135.5	1691	9.0	144720.5	-7134.0
1422	8.4	125529.5	-7150.3	1512	9.8	133717.0	-7158.5	1602	9.2	142800.5	-7117.1	1692	9.5	144721.5	-7143.8
1423	9.8	125543.5	-7130.5	1513	9.8	133735.0	-7133.6	1603	9.5	142837.5	-7133.1	1693	9.1	144724.5	-7119.0
1424	9.8	125630.0	-7150.9	1514	9.9	133815.0	-7122.4	1604	9.6	142845.5	-7106.1	1694	9.8	144753.5	-7106.5
1425	9.8	125636.5	-7149.1	1515	9.9	133844.0	-7135.0	1605	9.5	142850.5	-7154.2	1695	9.6	144815.5	-7147.8
1426	9.5	125655.5	-7142.1	1516	9.9	133851.5	-7100.2	1606	9.4	142917.5	-7125.1	1696	9.7	144830.3	-7100.1
1427	9.5	125655.5	-7157.7	1517	9.9	133910.0	-7120.0	1607	9.3	142918.5	-7146.6	1697	9.5	144859.0	-7124.0
1428	9.8	125728.5	-7129.3	1518	9.9	133915.5	-7158.9	1608	9.4	143018.5	-7118.1	1698	9.6	144908.0	-7109.2
1429	9.4	125835.5	-7157.2	1519	9.9	133929.0	-7119.2	1609	9.6	143042.0	-7100.0	1699	9.6	144911.0	-7119.9
1430	8.7	130114.5	-7147.0	1520	9.5	134001.0	-7122.0	1610	9.4	143148.5	-7156.2	1700	9.5	144915.1	-7100.5
1431	9.8	130153.5	-7126.8	1521	9.9	134024.0	-7136.7	1611	8.7	143231.5	-7140.1	1701	9.6	144920.0	-7124.6
1432	9.8	130154.5	-7151.6	1522	9.8	134109.0	-7138.6	1612	9.0	143308.5	-7119.8	1702	8.8	144921.0	-7107.2
1433	9.2	130214.5	-7115.9	1523	9.8	134133.0	-7132.7	1613	8.4	143342.5	-7133.1	1703	9.7	144937.5	-7149.7
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1435	9.7	130251.5	-7116.2	1525	9.9	134151.0	-7159.1	1615	9.7	143521.4	-7149.3	1705	9.6	144940.0	-7146.8
1436	9.8	130333.5	-7150.6	1526	9.6	134156.0	-7105.3	1616	8.2	143555.2	-7132.5	1706	9.5	144952.0	-7135.9
1437	9.4	130403.5	-7124.3	1527	9.2	134203.5	-7157.2	1617	9.8	143559.4	-7114.7	1707	8.7	144954.0	-7134.8
1438	7.7	130416.5	-7152.6	1528	9.3	134222.0	-7140.7	1618	9.8	143559.4	-7151.4	1708	9.6	144955.0	-7150.4
1439	8.5	130503.5	-7110.8	1529	9.8	134249.0	-7105.1	1619	9.8	143605.9	-7133.3	1709	9.4	145005.5	-7121.5
1440	9.8	130516.0	-7121.2	1530	9.8	134305.0	-7129.8	1620	8.8	143628.7	-7125.4	1710	9.7	145008.5	-7108.9
1441	9.5	130608.0	-7132.1	1531	9.5	134524.0	-7154.0	1621	9.5	143634.4	-7146.7	1711	8.7	145025.5	-7122.1
1442	9.4	130621.0	-7120.6	1532	9.7	134529.0	-7135.1	1622	9.5	143635.9	-7147.7	1712	9.6	145030.0	-7119.2
1443	9.7	130653.0	-7128.9	1533	9.9	134535.0	-7125.9	1623	9.6	143638.9	-7104.7	1713	9.3	145031.0	-7151.6
1444	9.9	130701.0	-7103.6	1534	9.3	134628.0	-7119.9	1624	9.8	143653.9	-7107.1	1714	8.7	145041.0	-7115.2
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1446	9.7	130702.5	-7124.7	1536	9.5	134743.0	-7116.6	1626	9.6	143712.9	-7102.0	1716	9.4	145204.5	-7111.9
1447	9.8	130732.0	-7158.9	1537	8.9	134752.0	-7142.5	1627	9.8	143718.9	-7125.9	1717	9.6	145235.5	-7106.6
1448	9.9	130734.0	-7155.9	1538	9.3	134758.0	-7121.5	1628	9.2	143728.9	-7107.8	1718	8.0	145245.0	-7141.6
1449	9.9	130734.0	-7109.9	1539	9.2	134809.0	-7112.8	1629	9.5	143732.2	-7115.0	1719	9.7	145303.5	-7119.0
1450	9.9	130743.0	-7148.9	1540	9.7	135053.5	-7107.7	1630	9.4	143737.1	-7149.3	1720	9.8	145312.5	-7143.5
1451	9.7	130749.0	-7145.9	1541	9.9	135131.0	-7125.5	1631	9.8	143737.2	-7147.0	1721	9.1	145334.0	-7143.8
1452	9.9	130752.0	-7158.5	1542	9.9	135138.0	-7123.3	1632	9.8	143739.2	-7146.8	1722	6.9	145356.0	-7140.6
1453	9.7	130816.0	-7104.5	1543	8.8	135152.5	-7109.4	1633	9.2	143750.6	-7101.9	1723	9.6	145417.0	-7116.0
1454	9.8	130909.0	-7115.1	1544	9.4	135228.5	-7148.1	1634	9.4	143809.2	-7102.9	1724	9.5	145417.5	-7144.8
1455	9.9	130934.0	-7135.1	1545	9.2	135251.0	-7104.4	1635	9.0	143824.9	-7150.6	1725	9.2	145421.0	-7120.8
1456	9.9	130937.0	-7135.3	1546	9.4	135252.5	-7115.7	1636	9.6	143836.2	-7119.5	1726	9.3	145421.0	-7101.3
1457	9.9	130951.5	-7157.7	1547	8.4	135403.5	-7127.9	1637	9.8	143848.2	-7149.4	1727	9.8	145427.5	-7128.1
1458	8.5	131013.0	-7122.4	1548	9.1	135648.5	-7102.3	1638	9.4	143901.2	-7136.8	1728	9.5	145440.8	-7141.1
1459	9.8	131034.5	-7144.3	1549	9.6	135707.5	-7137.4	1639	9.8	143910.2	-7150.5	1729	8.2	145446.8	-7124.9
1460	9.9	131036.0	-7116.0	1550	9.2	135739.5	-7138.3	1640	9.3	143912.1	-7125.7	1730	9.6	145449.8	-7137.0
1461	9.6	131138.0	-7100.5	1551	9.6	135751.5	-7145.4	1641	9.8	143918.7	-7109.1	1731	9.6	145451.8	-7104.9
1462	9.9	131212.0	-7129.0	1552	9.4	135756.5	-7142.0	1642	9.8	143925.7	-7106.9	1732	9.7	145552.8	-7137.6
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1464	9.1	131250.0	-7104.4	1554	9.2	135814.5	-7156.2	1644	9.8	143936.2	-7133.1	1734	9.4	145609.3	-7144.4
1465	9.9	131328.0	-7151.8	1555	9.6	135816.5	-7159.3	1645	9.6	143959.2	-7112.2	1735	9.6	145612.3	-7155.5
1466	9.9	131331.0	-7110.9	1556	9.3	135905.5	-7148.9	1646	9.4	144010.4	-7110.1	1736	9.8	145612.3	-7147.0
1467	7.3	131338.0	-7129.2	1557	9.0	135910.0	-7102.1	1647	9.8	144019.4	-7153.9	1737	9.8	145615.8	-7120.6
1468	9.9	131434.0	-7105.0	1558	9.0	140003.5	-7137.3	1648	9.8	144023.9	-7112.1	1738	6.8	145626.8	-7149.2
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1470	9.8	131621.0	-7105.1	1560	9.4	140014.5	-7109.0	1650	9.7	144036.9	-7136.8	1740	9.8	145651.0	-7116.3
1471	9.8	131623.0	-7119.0	1561	9.6	140137.5	-7118.1	1651	9.4	144039.9	-7112.0	1741	9.8	145654.8	-7112.8
1472	9.1	131715.0	-7143.7	1562	9.4	140152.5	-7143.6	1652	9.2	144042.2	-7157.4	1742	9.6	145655.7	-7102.1
1473	9.1	131810.0	-7128.6	1563	9.2	140232.5	-7110.9	1653	9.1	144046.4	-7130.9	1743	9.7	145656.0	-7134.5
1474	9.6	131824.0	-7108.4	1564	8.6	140232.5	-7131.9	1654	9.8	144047.9	-7156.9	1744	9.6	145703.3	-7104.0
1475	9.8	131906.0	-7155.0	1565	9.3	140338.5	-7116.3	1655	9.3	144057.4	-7106.7	1745	9.5	145718.7	-7159.4
1476	9.7	131915.0	-7142.0	1566	9.4	140408.5	-7154.3	1656	9.8	144059.4	-7104.7	1746	9.6	145719.3	-7133.1
1477	9.1	131952.0	-7135.2	1567	9.6	140426.5	-7156.3	1657	9.8	144107.9	-7132.5	1747	9.3	145720.8	-7121.1
1478	9.9	132015.0	-7105.0	1568	9.4	140544.5	-7148.7	1658	9.5	144114.5	-7158.5	1748	9.8	145743.3	-7112.2
1479	9.9	132025.0	-7132.2	1569	9.4	140545.5	-7118.7	1659	9.8	144117.9	-7106.5	1749	9.8	145749.8	-7150.0
1480	9.7	132229.0	-7139.5	1570	9.2	140807.5	-7122.8	1660	9.8	144119.4	-7149.1	1750	8.2	145810.3	-7110.8
1481	9.9	132257.0	-7102.9	1571	9.2	140823.5	-7121.9	1661	9.8	144129.9	-7138.0	1751	9.8	145816.3	-7136.1
1482	9.9	132318.0	-7148.3	1572	8.3	140823.5	-7109.7	1662	9.6	144131.4	-7110.9	1752	9.2	145834.8	-7105.3
1483	9.3	132322.0	-7103.5	1573	9.6	140844.5	-7104.5	1663	9.2	144132.4	-7107.4	1753	9.2	145842.8	-7112.0
1484	9.9	132355.0	-7110.1	1574	9.4	140919.5	-7137.9	1664	9.8	144135.4	-7139.2	1754	9.2	145859.8	-7109.7
1485	9.5	132412.0	-7113.5	1575	9.5	140930.5	-7148.9	1665	9.4	144206.4	-7109.9	1755	9.8	145929.8	-7129.7
1486	9.9	132420.0	-7126.5	1576	8.8	141014.5	-7144.2	1666	9.6	144212.4	-7109.1	1756	9.6	145939.3	-7137.7
1487	9.9	132439.0	-7141.8	1577	9.4	141024.5	-7127.8	1667	9.6	144229.9	-7121.0	1757	9.3	145941.8	-7137.2
1488	9.5	132603.0	-7156.0	1578	8.8	141048.5	-7148.4	1668	9.8	144237.4	-7123.0	1758	9.8	150001.3	-7147.3
1489	9.5	132607.0	-7148.2	1579	9.4	141053.5	-7141.5	1669	9.4	144251.9	-7105.9	1759	9.3	150001.8	-7138.9
1490	9.9	132625.0	-7154.3	1580	9.6	141154.5	-7136.6	1670	9.8	144252.4	-7138.9	1760	9.7	150003.8	-7107.2
1491	9.9	132649.0	-7126.5	1581	9.4	141208.5	-7120.6	1671	9.8	144320.5	-7141.9	1761	9.7	150011.8	-7101.3
1492	9.3	132724.0	-7143.1	1582	9.6	141325.5	-7125.6	1672	8.8	144343.0	-7118.6	1762	9.5	150019.3	-7143.1
1493	9.7	132819.0	-7124.0	1583	9.6	141326.5	-7122.9	1673	9.8	144349.9	-7114.5	1763	9.8	150029.3	-7109.1
1494	9.9	132835.0	-7125.9	1584	9.5	141402.2	-7101.1	1674	9.8	144349.9	-7113.3	1764	9.7	150039.0	-7118.4
1495	8.6	132939.0	-7152.0	1585	9.2	141409.5	-7109.9	1675	9.6	144407.0	-7120.6	1765	9.8	150051.3	-7120.9
1496	9.2	133058.0	-7109.1	1586	9.4	141421.5	-7158.8	1676	9.8	144427.0	-7157.6	1766	9.4	150103.8	-7107.3
1497	9.9	133118.0	-7143.8	1587	9.0	141437.5	-7137.3	1677	9.8	144427.0	-7133.8	1767	9.7	150117.3	-7129.6
1498	9.1	133125.0	-7114.0	1588	8.8	141528.5	-7144.4	1678	9.6	144432.0	-7146.2	1768	9.8	150139.2	-7155.9
1499	9.1	133145.0	-7110.5	1589	9.5	141557.5	-7129.1	1679	9.0	144447.5	-7129.6	1769	9.3	150143.7	-7115.5
1500	9.9	133222.0	-7119.0	1590	9.4	141605.5	-7148.8	1680	9.8	144503.5	-7144.7	1770	9.5	150202.7	-7133.8

1771	9.5	150209.4	-7158.9	1861	9.7	151903.5	-7126.7	1951	9.4	155242.0	-7112.9	2041	9.2	162213.0	-7111.0
1772	9.2	150235.2	-7152.3	1862	9.8	151932.8	-7158.4	1952	8.4	155301.0	-7132.1	2042	9.8	162227.0	-7112.2
1773	8.9	150252.4	-7155.6	1863	9.8	151938.0	-7126.2	1953	9.4	155319.5	-7100.1	2043	9.8	162253.0	-7124.0
1774	9.8	150300.4	-7138.0	1864	9.8	151938.0	-7137.1	1954	9.6	155403.0	-7152.2	2044	10.1	162300.0	-7151.6
1775	9.8	150314.9	-7159.8	1865	9.7	152008.0	-7102.1	1955	7.6	155413.0	-7135.8	2045	9.4	162315.0	-7112.0
1776	9.6	150318.9	-7105.4	1866	9.6	152009.3	-7100.2	1956	9.5	155423.5	-7100.9	2046	10.1	162327.0	-7122.0
1777	9.6	150327.4	-7136.4	1867	9.8	152013.5	-7149.4	1957	9.0	155430.0	-7138.3	2047	9.6	162344.0	-7116.8
1778	9.6	150331.9	-7148.9	1868	9.6	152028.5	-7106.6	1958	9.5	155722.0	-7111.7	2048	10.0	162430.0	-7154.0
1779	9.5	150334.4	-7155.6	1869	9.0	152049.3	-7125.2	1959	8.8	155830.5	-7101.6	2049	10.1	162514.0	-7128.0
1780	9.7	150334.9	-7107.3	1870	9.8	152050.5	-7135.7	1960	8.0	155903.0	-7114.5	2050	10.1	162530.0	-7123.0
1781	9.8	150349.4	-7103.5	1871	9.5	152121.0	-7144.2	1961	8.4	160001.0	-7159.9	2051	7.9	162544.5	-7157.6
1782	9.8	150401.0	-7159.4	1872	9.8	152132.0	-7117.8	1962	9.6	160011.0	-7125.1	2052	9.2	162553.5	-7102.0
1783	9.4	150414.0	-7101.2	1873	9.8	152139.0	-7128.1	1963	9.0	160046.0	-7118.0	2053	9.2	162557.0	-7112.8
1784	9.3	150425.9	-7156.8	1874	9.8	152141.5	-7135.3	1964	9.3	160110.0	-7150.2	2054	9.6	162648.0	-7105.5
1785	9.0	150431.4	-7140.1	1875	9.8	152147.5	-7154.3	1965	9.6	160141.0	-7108.9	2055	10.0	162730.0	-7156.0
1786	9.6	150517.9	-7137.7	1876	9.5	152152.0	-7138.5	1966	9.3	160235.0	-7155.6	2056	9.8	162809.0	-7118.2
1787	9.7	150536.4	-7128.1	1877	9.1	152157.5	-7131.3	1967	8.9	160300.0	-7124.6	2057	10.1	162853.0	-7116.2
1788	9.8	150559.9	-7146.8	1878	9.8	152200.0	-7122.3	1968	8.0	160302.0	-7134.9	2058	10.1	162859.0	-7119.1
1789	9.7	150618.4	-7105.0	1879	9.3	152207.5	-7137.1	1969	9.0	160321.0	-7105.5	2059	10.1	162908.0	-7128.9
1790	9.8	150621.9	-7127.6	1880	9.0	152225.8	-7135.9	1970	7.8	160352.0	-7121.1	2060	9.2	162916.0	-7135.6
1791	9.2	150635.4	-7113.2	1881	9.8	152232.5	-7121.5	1971	10.0	160433.0	-7157.0	2061	9.0	162923.0	-7109.0
1792	8.4	150651.4	-7119.6	1882	9.4	152238.5	-7112.0	1972	9.4	160528.0	-7127.0	2062	9.8	163004.0	-7104.2
1793	9.8	150702.4	-7103.0	1883	9.6	152247.0	-7105.7	1973	9.6	160534.0	-7119.0	2063	9.0	163013.0	-7141.6
1794	9.6	150716.9	-7125.4	1884	9.8	152327.0	-7145.2	1974	10.1	160541.0	-7154.0	2064	10.0	163100.0	-7104.0
1795	9.8	150740.9	-7134.6	1885	9.0	152334.7	-7133.4	1975	8.1	160608.0	-7108.1	2065	7.8	163108.0	-7135.8
1796	9.6	150743.4	-7149.2	1886	9.6	152343.5	-7153.1	1976	9.2	160615.5	-7140.7	2066	9.6	163121.0	-7140.4
1797	9.8	150748.4	-7149.7	1887	9.8	152352.0	-7114.0	1977	9.4	160621.0	-7142.1	2067	9.4	163132.0	-7118.9
1798	9.2	150759.4	-7131.1	1888	9.8	152401.0	-7109.8	1978	10.1	160622.0	-7126.2	2068	9.6	163142.0	-7105.1
1799	9.6	150802.4	-7150.8	1889	9.0	152405.7	-7129.4	1979	9.4	160632.0	-7154.6	2069	9.8	163213.0	-7154.6
1800	9.5	150812.9	-7154.4	1890	8.9	152431.5	-7146.9	1980	10.0	160653.0	-7131.0	2070	9.0	163228.0	-7104.2
1801	9.8	150914.4	-7104.9	1891	9.6	152446.5	-7108.2	1981	10.1	160653.0	-7132.0	2071	10.1	163302.0	-7159.2
1802	9.8	150830.4	-7138.4	1892	9.8	152505.5	-7152.1	1982	10.1	160657.0	-7152.6	2072	9.4	163305.0	-7152.7
1803	9.7	150836.9	-7129.4	1893	9.6	152512.0	-7142.6	1983	9.6	160703.0	-7103.1	2073	10.0	163314.0	-7119.5
1804	9.1	150906.4	-7129.0	1894	9.7	152517.5	-7128.8	1984	9.8	160723.0	-7135.2	2074	9.8	163333.0	-7111.0
1805	9.7	150939.9	-7109.9	1895	9.6	152531.0	-7112.4	1985	7.1	160741.0	-7133.8	2075	9.2	163500.0	-7120.8
1806	9.5	150957.4	-7117.7	1896	9.6	152538.5	-7116.6	1986	10.0	160834.0	-7140.0	2076	9.8	163533.0	-7110.6
1807	9.6	151052.4	-7128.5	1897	9.8	152545.5	-7134.1	1987	10.0	160853.0	-7151.2	2077	10.1	163623.0	-7135.1
1808	9.6	151108.9	-7152.2	1898	7.9	152548.8	-7152.8	1988	9.4	160853.0	-7158.7	2078	9.2	163649.5	-7158.1
1809	9.6	151142.1	-7102.9	1899	9.2	152617.0	-7103.9	1989	8.6	160902.5	-7136.7	2079	9.6	163746.0	-7122.4
1810	9.5	151156.8	-7116.3	1900	9.4	152703.0	-7117.5	1990	10.0	160915.0	-7158.4	2080	10.0	163803.0	-7116.9
1811	9.7	151157.3	-7111.7	1901	9.4	152720.0	-7109.0	1991	9.0	160930.0	-7102.6	2081	9.0	163819.0	-7117.2
1812	9.6	151201.8	-7110.2	1902	9.4	152741.0	-7155.6	1992	10.1	160954.0	-7101.8	2082	8.8	163833.0	-7137.0
1813	7.4	151204.8	-7135.7	1903	7.8	152751.0	-7119.8	1993	9.6	161013.0	-7149.0	2083	9.4	163838.0	-7121.0
1814	9.1	151219.5	-7158.9	1904	8.9	152811.0	-7100.9	1994	9.6	161017.5	-7159.1	2084	9.2	163909.0	-7104.0
1815	9.6	151221.8	-7123.9	1905	9.6	152901.0	-7100.5	1995	9.8	161032.0	-7118.3	2085	9.4	163915.0	-7118.8
1816	9.8	151234.3	-7149.9	1906	8.9	152939.0	-7140.9	1996	10.0	161040.0	-7112.7	2086	8.6	163917.0	-7153.0
1817	9.5	151239.3	-7117.4	1907	9.5	152951.0	-7145.4	1997	10.0	161043.0	-7130.1	2087	9.6	163941.0	-7104.6
1818	9.1	151241.8	-7104.7	1908	9.4	153021.5	-7156.8	1998	9.0	161052.0	-7130.7	2088	9.6	163944.0	-7113.6
1819	9.2	151246.3	-7134.3	1909	9.5	153052.0	-7117.8	1999	10.1	161135.0	-7119.0	2089	9.2	164032.0	-7142.0
1820	9.8	151303.3	-7107.5	1910	9.6	153113.0	-7131.7	2000	10.1	161204.0	-7146.5	2090	9.4	164141.0	-7 00.3
1821	9.8	151312.5	-7146.7	1911	9.6	153131.0	-7142.9	2001	8.0	161221.0	-7143.0	2091	9.2	164144.0	-7 17.4
1822	9.6	151330.3	-7107.1	1912	8.5	153215.0	-7154.2	2002	10.0	161233.0	-7145.0	2092	8.6	164149.0	-7 05.0
1823	9.4	151333.8	-7111.4	1913	8.7	153319.0	-7141.2	2003	8.5	161250.0	-7128.2	2093	9.6	164316.0	-7113.8
1824	9.6	151344.3	-7152.9	1914	9.5	153328.0	-7133.0	2004	10.0	161250.0	-7122.0	2094	9.4	164322.5	-7 59.4
1825	9.8	151346.3	-7143.8	1915	9.2	153329.0	-7154.6	2005	9.7	161314.0	-7103.1	2095	10.1	164419.0	-7139.0
1826	9.8	151346.3	-7143.0	1916	8.4	153331.0	-7141.9	2006	10.0	161317.0	-7116.6	2096	9.8	164442.0	-7138.9
1827	9.0	151359.3	-7134.4	1917	9.6	153341.0	-7116.5	2007	10.0	161321.0	-7151.0	2097	9.6	164520.0	-7156.0
1828	9.2	151408.8	-7106.1	1918	9.6	153405.0	-7155.2	2008	9.8	161346.5	-7101.0	2098	9.6	164533.0	-7106.0
1829	9.6	151416.5	-7110.6	1919	9.1	153421.0	-7150.1	2009	9.8	161352.0	-7120.2	2099	8.8	164551.0	-7144.2
1830	9.8	151416.8	-7129.7	1920	9.0	153557.0	-7106.6	2010	9.2	161456.0	-7134.8	2100	10.1	164554.0	-7141.2
1831	9.6	151419.5	-7145.2	1921	9.0	153611.0	-7117.0	2011	9.2	161514.0	-7148.8	2101	10.1	164601.0	-7117.0
1832	9.8	151420.8	-7131.5	1922	9.6	153723.0	-7132.1	2012	10.1	161528.0	-7124.1	2102	9.6	164715.0	-7124.7
1833	9.7	151422.8	-7155.1	1923	8.4	153817.0	-7143.9	2013	9.7	161544.0	-7156.0	2103	9.4	164725.0	-7153.0
1834	9.7	151425.8	-7122.0	1924	9.6	153832.0	-7149.1	2014	9.6	161544.0	-7123.0	2104	10.1	164736.0	-7118.9
1835	9.6	151426.8	-7102.5	1925	9.5	153934.0	-7122.2	2015	10.0	161619.0	-7118.0	2105	9.2	164852.5	-7151.8
1836	9.8	151427.5	-7129.5	1926	9.6	153940.0	-7125.9	2016	10.0	161625.0	-7114.6	2106	10.0	164927.0	-7137.8
1837	9.4	151453.3	-7104.3	1927	9.6	154021.0	-7132.7	2017	9.7	161630.0	-7147.0	2107	9.6	165105.0	-7147.3
1838	9.8	151518.5	-7104.4	1928	8.0	154039.0	-7117.6	2018	10.1	161638.0	-7112.0	2108	9.7	165145.0	-7120.4
1839	9.7	151536.5	-7109.5	1929	9.4	154048.0	-7126.0	2019	10.1	161734.0	-7119.0	2109	10.1	165149.0	-7105.6
1840	9.7	151539.3	-7126.6	1930	9.5	154143.0	-7152.9	2020	10.1	161738.0	-7137.1	2110	9.4	165342.0	-7126.4
1841	9.5	151544.3	-7122.1	1931	9.5	154240.0	-7138.0	2021	10.1	161808.0	-7111.6	2111	9.4	165417.0	-7111.8
1842	9.6	151557.7	-7158.8	1932	9.4	154240.0	-7144.2	2022	10.0	161822.0	-7113.0	2112	9.8	165439.5	-7123.1
1843	9.8	151602.3	-7155.4	1933	9.6	154241.0	-7155.9	2023	8.4	161834.0	-7139.8	2113	8.3	165509.5	-7130.3
1844	9.7	151604.5	-7127.4	1934	9.0	154259.0	-7134.9	2024	9.6	161843.0	-7153.0	2114	9.4	165522.5	-7125.8
1845	8.9	151606.3	-7149.4	1935	9.1	154419.0	-7111.4	2025	9.6	161852.0	-7139.0	2115	10.0	165532.0	-7121.2
1846	9.3	151626.8	-7143.8	1936	9.2	154459.0	-7149.8	2026	10.0	161924.0	-7142.6	2116	8.4	165644.0	-7133.3
1847	9.4	151630.8	-7119.2	1937	9.6	154623.0	-7139.6	2027	10.0	161941.0	-7110.8	2117	9.8	165652.0	-7133.1
1848	9.6	151634.3	-7111.3	1938	9.0	154721.0	-7138.1	2028	9.4	161956.0	-7116.1	2118	9.8	165726.5	-7157.0
1849	9.8	151707.5	-7111.3	1939	8.5	154731.0	-7133.3	2029	9.8	162001.0	-7111.7	2119	9.1	165826.5	-7157.8
1850	9.5	151729.8	-7142.7	1940	9.6	154743.0	-7144.6	2030	10.0	162008.0	-7120.6	2120	9.7	165842.0	-7135.3
1851	9.3	151732.3	-7157.8	1941	9.5	154803.0	-7102.5	2031	10.0	162027.0	-7127.0	2121	9.8	165903.5	-7101.7
1852	6.7	151756.8	-7113.0	1942	9.6	154820.0	-7132.0	2032	10.0	162033.0	-7112.1	2122	9.8	165938.0	-7149.8
1853	9.2	151802.5	-7149.7	1943	9.0	154915.0	-7124.9	2033	10.1	162036.0	-7127.6	2123	9.7	170059.0	-7141.5
1854	9.3	151803.5	-7100.1	1944	9.0	154951.0	-7123.0	2034	9.4	162041.5	-7101.7	2124	8.1	170112.0	-7106.1
1855	9.4	151811.5	-7121.6	1945	9.4	154959.0	-7139.0	2035	8.5	162114.5	-7156.6	2125	9.6	170135.0	-7137.1
1856	9.8	151818.5	-7112.0	1946	9.5	155001.0	-7124.2	2036	9.4	162118.0	-7122.8	2126	9.1	170200.0	-7110.4
1857	9.3	151821.5	-7130.0	1947	8.4	155010.0	-7140.1	2037	10.0	162119.0	-7129.1	2127	9.7	170317.0	-7115.6
1858	9.8	151831.5	-7113.6	1948	8.5	155010.0	-7148.5	2038	6.8	162139.0	-7137.3	2128	9.7	170329.5	-7101.1
1859	9.0	151846.8	-7156.8	1949	9.4	155100.0	-7116.9	2039	9.6	162152.0	-7147.9	2129	9.8	170406.0	-7134.5
1860	9.7	151858.5	-7115.9	1950	9.1	155100.0	-7132.7	2040	9.2	162203.5	-7102.2	2130	9.7	170416.0	-7119.3

2131	9.8	170447.0	-7154.3	2221	9.6	174359.6	-7139.5	2311	8.8	181418.2	-7115.9	2401	9.9	191338.2	-7123.4
2132	9.6	170525.0	-7153.9	2222	9.8	174359.6	-7120.3	2312	9.6	181420.7	-7129.0	2402	9.9	191338.2	-7153.1
2133	9.8	170634.0	-7111.9	2223	9.0	174401.1	-7143.5	2313	9.8	181426.8	-7158.4	2403	9.0	191343.7	-7125.6
2134	9.8	170648.0	-7121.2	2224	9.3	174449.6	-7130.2	2314	8.2	181500.2	-7134.0	2404	8.6	191354.2	-7137.9
2135	9.8	170706.5	-7111.0	2225	9.2	174457.1	-7140.3	2315	8.7	181526.2	-7108.3	2405	10.4	191400.2	-7155.5
2136	9.8	170715.0	-7108.2	2226	9.6	174510.1	-7155.7	2316	9.3	181532.8	-7157.8	2406	8.4	191428.2	-7150.3
2137	9.0	170806.0	-7111.1	2227	9.8	174511.6	-7106.7	2317	8.9	181551.7	-7152.0	2407	10.0	191457.8	-7109.4
2138	9.8	170941.0	-7129.4	2228	9.3	174516.1	-7107.9	2318	9.8	181634.7	-7129.6	2408	9.2	191556.8	-7134.6
2139	9.6	171121.0	-7106.1	2229	9.6	174547.1	-7105.8	2319	9.6	181643.7	-7139.5	2409	9.9	191604.3	-7139.7
2140	9.8	171131.0	-7156.2	2230	9.8	174610.6	-7132.3	2320	9.6	181656.2	-7123.0	2410	10.3	191642.8	-7125.2
2141	9.0	171137.5	-7157.0	2231	9.8	174648.1	-7102.7	2321	9.4	181726.3	-7133.3	2411	10.0	191650.3	-7150.7
2142	8.4	171158.0	-7130.0	2232	9.8	174654.1	-7124.9	2322	9.8	181741.8	-7125.1	2412	9.4	191800.8	-7111.3
2143	9.8	171211.0	-7117.3	2233	9.8	174710.6	-7152.8	2323	9.5	181749.8	-7153.2	2413	9.5	191843.8	-7147.2
2144	9.7	171216.0	-7122.1	2234	8.5	174713.1	-7118.7	2324	9.8	181749.8	-7152.4	2414	10.4	191843.8	-7148.7
2145	8.4	171221.0	-7148.2	2235	9.8	174716.9	-7159.9	2325	9.4	181811.8	-7114.4	2415	8.4	191859.5	-7102.6
2146	9.0	171256.0	-7110.0	2236	8.4	174741.1	-7126.6	2326	7.5	181857.6	-7150.9	2416	10.4	191915.8	-7130.7
2147	9.8	171300.5	-7159.6	2237	9.5	174751.1	-7130.0	2327	9.3	181911.3	-7157.0	2417	9.7	191916.8	-7111.3
2148	8.5	171334.0	-7132.2	2238	9.2	174749.6	-7100.5	2328	9.8	181930.3	-7129.6	2418	10.4	191949.8	-7143.1
2149	9.0	171342.0	-7104.1	2239	9.6	174759.4	-7124.2	2329	8.8	181933.9	-7127.2	2419	10.3	191949.8	-7157.6
2150	9.0	171439.0	-7137.6	2240	9.4	174825.6	-7125.7	2330	8.2	182027.2	-7124.3	2420	10.4	192010.8	-7123.6
2151	9.8	171532.0	-7100.2	2241	9.6	174859.1	-7140.3	2331	9.3	182037.3	-7133.0	2421	9.9	192054.8	-7102.0
2152	9.4	171553.0	-7100.4	2242	8.7	174917.8	-7101.3	2332	9.6	182104.8	-7134.4	2422	9.9	192118.8	-7100.6
2153	8.4	171703.0	-7105.8	2243	8.6	174935.1	-7102.9	2333	8.9	182108.4	-7121.2	2423	9.4	192123.7	-7115.6
2154	9.7	171857.0	-7149.9	2244	9.0	174944.6	-7143.6	2334	9.8	182152.3	-7142.2	2424	9.7	192137.2	-7106.7
2155	9.7	171948.0	-7150.4	2245	9.3	175000.6	-7124.0	2335	8.6	182232.2	-7125.8	2425	9.1	192143.7	-7131.7
2156	9.0	172017.0	-7140.1	2246	9.6	175013.6	-7134.1	2336	9.2	182232.8	-7130.7	2426	10.3	192200.2	-7120.2
2157	9.2	172109.0	-7118.5	2247	9.2	175027.6	-7114.5	2337	9.8	182242.5	-7141.1	2427	10.0	192204.2	-7149.7
2158	9.7	172112.0	-7138.2	2248	9.6	175103.1	-7114.8	2338	9.8	182309.0	-7122.0	2428	10.4	192249.2	-7145.0
2159	8.8	172122.0	-7109.4	2249	9.8	175112.4	-7108.9	2339	9.8	182329.5	-7122.1	2429	10.2	192300.2	-7141.8
2160	9.1	172133.0	-7117.0	2250	8.6	175138.1	-7108.1	2340	8.8	182349.7	-7123.9	2430	10.2	192333.2	-7131.8
2161	8.8	172304.0	-7115.1	2251	9.1	175250.6	-7142.4	2341	9.2	182428.0	-7143.4	2431	9.7	192419.4	-7103.9
2162	9.4	172405.0	-7156.3	2252	9.8	175259.6	-7112.5	2342	9.8	182440.0	-7103.7	2432	9.9	192423.9	-7144.7
2163	9.4	172546.0	-7111.7	2253	9.6	175347.1	-7103.8	2343	9.4	182456.0	-7126.0	2433	10.4	192438.4	-7103.0
2164	9.8	172827.0	-7141.1	2254	9.6	175355.6	-7135.3	2344	9.8	182456.0	-7131.7	2434	9.6	192504.4	-7109.3
2165	8.8	172901.0	-7123.9	2255	9.6	175403.1	-7150.8	2345	9.0	182514.0	-7143.5	2435	9.4	192516.9	-7120.7
2166	9.6	172922.0	-7153.1	2256	9.8	175434.6	-7124.7	2346	9.3	182520.0	-7128.1	2436	10.0	192601.4	-7152.4
2167	9.7	173038.0	-7101.1	2257	7.9	175506.6	-7139.0	2347	9.3	182522.5	-7133.4	2437	10.4	192625.2	-7138.8
2168	8.2	173130.0	-7136.3	2258	9.2	175510.6	-7125.0	2348	9.1	182530.0	-7120.5	2438	8.8	192707.9	-7144.9
2169	9.8	173236.5	-7157.5	2259	8.6	175530.1	-7107.3	2349	9.8	182533.5	-7151.1	2439	9.9	192742.4	-7147.0
2170	9.8	173244.0	-7103.1	2260	9.8	175627.6	-7130.3	2350	9.0	182551.0	-7117.6	2440	9.5	192819.0	-7157.1
2171	8.5	173328.0	-7143.0	2261	9.3	175702.1	-7134.0	2351	9.6	182601.9	-7157.8	2441	10.3	192829.4	-7116.4
2172	9.8	173428.2	-7131.7	2262	9.1	175715.1	-7144.8	2352	9.2	182615.5	-7128.0	2442	9.8	192834.9	-7109.7
2173	7.4	173437.5	-7102.4	2263	8.9	175725.6	-7102.7	2353	6.0	182825.0	-7131.8	2443	9.7	192847.9	-7136.8
2174	9.8	173441.0	-7132.3	2264	9.0	175726.6	-7124.3	2354	8.9	182837.0	-7123.8	2444	9.8	192849.4	-7124.5
2175	9.8	173444.0	-7154.3	2265	9.6	175747.6	-7111.9	2355	9.0	182923.0	-7145.4	2445	8.8	192900.4	-7123.6
2176	9.8	173501.5	-7120.0	2266	9.8	175809.1	-7131.5	2356	9.5	183213.0	-7153.7	2446	10.3	192920.9	-7123.0
2177	9.8	173523.0	-7129.5	2267	9.8	175821.0	-7124.8	2357	9.6	183932.0	-7119.6	2447	10.3	193009.4	-7146.0
2178	9.5	173529.0	-7152.0	2268	8.8	175821.6	-7135.3	2358	8.6	184111.0	-7112.8	2448	9.0	193104.4	-7131.9
2179	8.4	173530.2	-7115.5	2269	9.1	175839.6	-7158.1	2359	8.7	184239.0	-7126.9	2449	9.4	193123.4	-7128.1
2180	9.1	173559.5	-7101.6	2270	9.8	175848.6	-7134.2	2360	7.8	184524.0	-7141.5	2450	10.4	193131.9	-7131.7
2181	9.6	173711.5	-7104.3	2271	9.8	175912.1	-7149.4	2361	9.6	184659.0	-7143.1	2451	9.7	193209.4	-7131.8
2182	8.5	173715.5	-7138.5	2272	8.8	175943.6	-7101.9	2362	9.6	185035.0	-7155.4	2452	10.2	193240.9	-7121.4
2183	9.6	173737.0	-7126.7	2273	9.8	180003.1	-7133.9	2363	9.5	185155.0	-7145.6	2453	9.4	193253.4	-7129.2
2184	9.8	173740.5	-7140.9	2274	9.0	180012.1	-7104.1	2364	9.5	185414.5	-7159.9	2454	10.4	193320.4	-7129.8
2185	9.8	173741.5	-7126.4	2275	9.8	180022.6	-7109.7	2365	9.5	185534.0	-7123.5	2455	9.0	193327.9	-7126.6
2186	9.0	173747.7	-7107.8	2276	9.6	180031.8	-7114.7	2366	7.8	185539.0	-7144.2	2456	10.4	193329.4	-7128.9
2187	9.6	173800.5	-7143.5	2277	9.8	180047.3	-7119.1	2367	8.6	185743.0	-7100.1	2457	9.5	193344.0	-7104.9
2188	9.3	173828.5	-7124.1	2278	9.3	180048.3	-7123.8	2368	8.6	190128.0	-7120.6	2458	9.8	193347.0	-7141.1
2189	9.3	173846.5	-7153.2	2279	9.8	180048.8	-7107.3	2369	9.0	190259.5	-7122.3	2459	10.2	193404.0	-7155.3
2190	9.8	173853.5	-7158.2	2280	9.8	180059.1	-7157.7	2370	9.6	190309.0	-7159.5	2460	10.2	193410.0	-7117.9
2191	9.8	173924.5	-7145.8	2281	9.6	180139.3	-7124.8	2371	9.6	190400.0	-7143.9	2461	9.8	193442.0	-7129.5
2192	9.5	173945.0	-7112.6	2282	9.1	180246.3	-7125.1	2372	9.6	190442.0	-7153.8	2462	10.4	193450.0	-7119.4
2193	9.2	173951.0	-7108.4	2283	9.8	180251.3	-7126.1	2373	9.6	190454.6	-7121.1	2463	9.2	193459.5	-7115.6
2194	9.3	173954.0	-7122.6	2284	9.0	180315.7	-7102.7	2374	10.4	190545.9	-7114.5	2464	9.4	193508.5	-7139.2
2195	9.4	174013.5	-7144.9	2285	9.3	180335.8	-7135.0	2375	10.3	190555.7	-7121.8	2465	9.9	193509.0	-7105.0
2196	9.6	174018.5	-7122.1	2286	9.8	180411.7	-7159.3	2376	10.0	190639.1	-7154.0	2466	9.7	193526.0	-7138.5
2197	9.8	174022.0	-7131.8	2287	8.8	180418.8	-7122.9	2377	9.7	190641.1	-7132.7	2467	10.4	193529.5	-7113.3
2198	9.1	174022.5	-7142.6	2288	9.3	180500.8	-7121.4	2378	10.3	190713.1	-7153.3	2468	10.3	193557.5	-7122.6
2199	9.6	174034.5	-7116.0	2289	9.8	180512.8	-7139.0	2379	10.4	190728.6	-7138.0	2469	9.8	193641.0	-7132.4
2200	8.3	174038.2	-7157.5	2290	9.5	180525.3	-7122.6	2380	9.2	190742.6	-7105.9	2470	10.2	193647.0	-7103.9
2201	8.4	174055.2	-7151.7	2291	8.8	180544.2	-7157.8	2381	9.5	190749.2	-7110.6	2471	9.6	193706.5	-7148.2
2202	9.8	174055.7	-7111.4	2292	9.8	180621.2	-7115.4	2382	9.6	190804.0	-7101.5	2472	10.2	193730.5	-7141.9
2203	9.4	174110.7	-7150.7	2293	9.4	180725.3	-7116.7	2383	9.5	190844.2	-7145.3	2473	10.0	193733.5	-7103.0
2204	9.6	174116.7	-7135.1	2294	9.8	180726.8	-7155.8	2384	9.0	190844.6	-7144.1	2474	9.0	193747.5	-7146.9
2205	9.8	174118.5	-7158.6	2295	9.1	180800.9	-7158.0	2385	9.6	190844.7	-7156.5	2475	10.4	193748.5	-7120.1
2206	9.3	174123.7	-7100.2	2296	9.3	180843.7	-7135.5	2386	9.5	190857.7	-7101.8	2476	9.4	193815.5	-7150.4
2207	8.7	174148.7	-7132.6	2297	8.8	180913.2	-7106.0	2387	9.9	190947.7	-7130.7	2477	9.1	193836.5	-7135.0
2208	9.6	174207.2	-7153.2	2298	9.6	181017.2	-7110.5	2388	10.3	191015.2	-7133.2	2478	9.2	193914.0	-7103.4
2209	9.8	174212.2	-7134.6	2299	8.2	181139.2	-7150.6	2389	9.7	191059.2	-7108.4	2479	10.4	193943.0	-7103.3
2210	9.8	174215.5	-7128.1	2300	9.8	181145.2	-7138.5	2390	9.7	191112.2	-7134.4	2480	7.6	193956.5	-7143.1
2211	8.6	174216.7	-7147.7	2301	8.5	181201.7	-7126.2	2391	10.2	191122.2	-7120.5	2481	8.8	193958.0	-7139.1
2212	9.8	174228.2	-7122.0	2302	9.8	181206.7	-7144.0	2392	10.2	191125.2	-7123.6	2482	9.0	194006.5	-7150.8
2213	9.5	174237.2	-7128.2	2303	9.5	181209.7	-7107.9	2393	7.6	191203.2	-7142.1	2483	9.8	194029.5	-7107.7
2214	9.3	174244.7	-7121.6	2304	9.6	181226.2	-7113.0	2394	10.4	191223.1	-7126.0	2484	9.0	194101.5	-7139.0
2215	8.2	174247.2	-7103.7	2305	8.5	181239.7	-7156.9	2395	8.0	191228.7	-7142.2	2485	10.2	194107.0	-7158.0
2216	8.6	174255.2	-7112.8	2306	9.2	181257.7	-7110.9	2396	9.5	191236.2	-7156.8	2486	8.8	194127.5	-7151.9
2217	8.9	174256.2	-7112.5	2307	9.6	181259.7	-7101.2	2397	9.7	191253.7	-7142.3	2487	9.4	194144.5	-7134.7
2218	9.8	174319.6	-7144.5	2308	9.8	181330.7	-7118.5	2398	9.1	191313.7	-7103.4	2488	10.2	194228.0	-7132.2
2219	9.6	174329.6	-7156.7	2309	8.2	181347.7	-7150.8	2399	9.9	191330.0	-7101.7	2489	9.4	194231.5	-7154.5
2220	9.8	174333.6	-7122.7	2310	9.8	181401.7	-7148.7	2400	9.8	191335.7	-7117.6	2490	9.6	194234.5	-7159.6

2491	9.4	194243.5	-7123.9	2581	9.8	204743.0	-7137.8	2671	8.0	220509.0	-7116.1	2761	8.1	231735.0	-7135.7
2492	9.2	194246.5	-7117.7	2582	10.0	204836.0	-7158.9	2672	9.8	220611.0	-7107.8	2762	9.0	231859.0	-7107.5
2493	10.0	194255.0	-7155.1	2583	9.8	204929.0	-7116.0	2673	9.6	220636.8	-7103.6	2763	8.2	231931.0	-7104.3
2494	10.3	194336.5	-7138.1	2584	9.6	205059.0	-7115.8	2674	10.4	220724.5	-7124.5	2764	9.9	232109.5	-7101.7
2495	9.7	194403.0	-7104.4	2585	9.8	205421.0	-7138.8	2675	10.4	220726.8	-7112.1	2765	7.6	232705.0	-7139.3
2496	10.2	194420.5	-7127.9	2586	10.0	205453.0	-7101.6	2676	10.4	220818.8	-7128.7	2766	9.0	232834.0	-7111.0
2497	10.3	194437.5	-7158.4	2587	10.0	205513.0	-7103.5	2677	10.4	220939.0	-7150.7	2767	7.9	233050.0	-7135.7
2498	9.8	194458.0	-7114.7	2588	10.0	205556.0	-7148.2	2678	10.0	220949.7	-7146.1	2768	9.7	233103.0	-7154.1
2499	9.7	194533.5	-7110.9	2589	9.6	205602.0	-7143.0	2679	10.4	221024.0	-7115.5	2769	8.0	233248.0	-7148.6
2500	9.6	194540.5	-7115.6	2590	10.0	205646.5	-7146.1	2680	9.0	221148.0	-7118.0	2770	7.9	233607.5	-7130.7
2501	10.3	194547.7	-7141.2	2591	10.0	205958.0	-7152.8	2681	10.2	221154.0	-7149.7	2771	7.0	233714.5	-7111.1
2502	9.6	194557.2	-7150.6	2592	10.0	210127.5	-7105.4	2682	9.3	221222.0	-7130.1	2772	9.2	233809.5	-7152.5
2503	9.0	194600.2	-7132.8	2593	9.8	210212.5	-7120.2	2683	10.2	221229.0	-7136.2	2773	9.9	233912.0	-7122.9
2504	9.1	194603.2	-7134.7	2594	8.0	210219.5	-7121.9	2684	10.0	221232.3	-7110.2	2774	7.7	233927.0	-7145.9
2505	8.5	194606.2	-7129.7	2595	10.0	210350.5	-7109.2	2685	10.4	221400.8	-7100.4	2775	9.4	234306.0	-7103.3
2506	10.0	194611.2	-7118.6	2596	8.5	210418.5	-7102.1	2686	5.9	221522.3	-7103.7	2776	9.4	234411.0	-7149.2
2507	9.7	194630.7	-7115.0	2597	10.0	210429.5	-7159.5	2687	10.0	221652.8	-7154.2	2777	9.4	234451.0	-7133.8
2508	10.3	194659.7	-7108.6	2598	8.7	210530.5	-7152.4	2688	10.0	221711.3	-7106.0	2778	9.2	234619.0	-7105.2
2509	10.3	194708.2	-7133.2	2599	9.2	210619.5	-7131.5	2689	10.0	221752.8	-7123.6	2779	8.2	234703.0	-7122.4
2510	9.1	194745.2	-7131.5	2600	9.2	210822.5	-7147.9	2690	10.0	221848.5	-7158.3	2780	9.0	234939.0	-7133.8
2511	10.3	194759.2	-7123.9	2601	10.0	210851.5	-7125.9	2691	10.0	221854.8	-7103.1	2781	9.3	234944.5	-7159.5
2512	10.0	194805.7	-7153.1	2602	8.7	211230.5	-7122.7	2692	9.7	221958.3	-7125.7	2782	9.3	234947.0	-7144.4
2513	10.0	194805.7	-7133.0	2603	9.4	211255.5	-7113.2	2693	9.7	222005.6	-7157.4	2783	9.3	235230.0	-7138.8
2514	9.6	194813.7	-7111.8	2604	9.2	211310.5	-7149.0	2694	9.4	222020.3	-7138.4	2784	9.4	235510.5	-7101.1
2515	9.4	194821.2	-7148.9	2605	8.2	211419.5	-7115.1	2695	8.6	222100.3	-7154.9	2785	9.2	235735.5	-7158.5
2516	9.8	194842.2	-7113.3	2606	8.9	211702.5	-7140.1	2696	10.4	222107.8	-7150.2	2786	8.2	235817.0	-7105.9
2517	9.4	194913.8	-7155.6	2607	10.0	211712.0	-7140.6	2697	9.4	222108.3	-7105.8	2787	8.4	235839.0	-7111.1
2518	10.4	195011.2	-7143.1	2608	9.8	211726.5	-7137.2	2698	9.7	222110.5	-7136.4	1	11.1	00023.8	-7200.0
2519	10.4	195024.7	-7121.5	2609	8.2	211859.5	-7153.1	2699	8.4	222121.8	-7152.5	2	9.2	00122.3	-7230.4
2520	10.0	195026.7	-7158.1	2610	10.0	211900.5	-7139.3	2700	9.6	222129.3	-7124.8	3	11.1	00218.3	-7215.6
2521	10.2	195035.2	-7119.5	2611	8.7	211904.0	-7153.6	2701	10.4	222243.8	-7109.1	4	10.2	00347.3	-7217.6
2522	10.4	195123.7	-7113.4	2612	9.6	212003.0	-7137.0	2702	9.6	222246.3	-7134.5	5	10.0	00351.8	-7240.1
2523	10.3	195130.7	-7112.0	2613	9.3	212051.5	-7138.9	2703	10.4	222312.8	-7158.8	6	10.2	00352.8	-7217.0
2524	9.7	195145.2	-7130.8	2614	9.8	212053.0	-7152.8	2704	9.0	222327.3	-7154.3	7	10.2	00522.8	-7256.3
2525	10.4	195154.2	-7141.0	2615	9.6	212246.5	-7102.2	2705	10.4	222428.3	-7142.2	8	8.6	00532.3	-7258.2
2526	9.7	195208.9	-7157.6	2616	9.8	212316.0	-7100.4	2706	8.1	222636.1	-7136.5	9	9.4	00555.3	-7240.6
2527	9.6	195216.6	-7148.2	2617	9.2	212445.5	-7124.8	2707	10.4	222651.6	-7100.6	10	11.0	00604.3	-7248.1
2528	9.6	195240.6	-7151.0	2618	9.3	212613.0	-7122.0	2708	9.3	222817.6	-7135.4	11	9.2	00707.6	-7213.1
2529	10.2	195312.0	-7116.2	2619	9.6	212620.0	-7155.1	2709	9.0	222927.6	-7112.4	12	10.2	00742.3	-7208.1
2530	8.8	195327.9	-7108.7	2620	9.6	212631.0	-7155.7	2710	10.0	222944.6	-7152.3	13	11.0	00812.8	-7221.7
2531	9.6	195334.2	-7128.9	2621	9.2	212654.0	-7122.0	2711	9.0	222948.6	-7154.5	14	8.9	00813.4	-7209.8
2532	9.6	195337.2	-7104.5	2622	9.6	212838.0	-7127.0	2712	10.2	223006.6	-7102.2	15	11.1	00816.3	-7249.2
2533	9.6	195400.2	-7110.1	2623	10.0	212938.0	-7103.6	2713	9.8	223040.0	-7158.8	16	11.0	00829.8	-7232.2
2534	9.7	195427.2	-7158.9	2624	8.1	212950.0	-7122.0	2714	9.6	223103.6	-7121.4	17	9.8	00846.3	-7200.4
2535	8.3	195432.6	-7110.0	2625	9.6	212956.0	-7137.0	2715	9.6	223139.1	-7117.9	18	9.8	00917.3	-7252.6
2536	9.1	195452.9	-7119.4	2626	10.0	213023.0	-7127.4	2716	10.4	223205.3	-7120.4	19	9.2	00943.6	-7226.1
2537	7.5	195454.7	-7150.3	2627	9.8	213101.0	-7127.0	2717	10.4	223221.1	-7118.4	20	8.9	00944.6	-7207.3
2538	10.0	195547.2	-7116.3	2628	9.3	213106.0	-7107.9	2718	10.4	223229.1	-7121.3	21	10.2	01017.3	-7201.8
2539	10.2	195547.2	-7108.7	2629	9.3	213142.5	-7159.9	2719	9.3	223432.1	-7129.8	22	11.1	01058.3	-7219.9
2540	10.2	195605.0	-7124.6	2630	9.1	213323.0	-7149.2	2720	10.0	223456.1	-7110.8	23	9.8	01130.3	-7236.6
2541	9.9	195621.7	-7156.1	2631	9.0	213422.0	-7124.2	2721	9.8	223644.6	-7146.0	24	10.6	01148.3	-7241.2
2542	9.6	195634.2	-7134.8	2632	6.3	213422.0	-7134.6	2722	9.6	223659.1	-7119.3	25	9.4	01211.3	-7233.0
2543	10.2	195653.2	-7149.6	2633	7.9	213507.0	-7139.3	2723	8.3	223927.0	-7135.5	26	10.2	01224.3	-7200.4
2544	9.0	195853.0	-7140.3	2634	8.8	213640.0	-7151.4	2724	10.4	223932.0	-7144.6	27	8.9	01252.8	-7204.5
2545	9.5	200003.0	-7133.4	2635	8.6	213653.0	-7145.2	2725	9.4	223945.5	-7155.4	28	10.4	01315.8	-7210.6
2546	9.2	200037.0	-7143.5	2636	9.0	213731.0	-7147.0	2726	6.2	224019.1	-7100.5	29	10.0	01412.8	-7249.1
2547	9.0	200122.5	-7101.9	2637	9.8	213910.0	-7110.1	2727	8.9	224039.5	-7151.4	30	10.6	01453.3	-7208.0
2548	9.0	200400.0	-7126.5	2638	8.7	213914.0	-7153.5	2728	10.0	224050.0	-7127.6	31	8.8	01458.8	-7240.4
2549	9.6	200434.0	-7125.6	2639	9.2	213959.0	-7155.7	2729	10.4	224100.0	-7114.7	32	10.6	01530.5	-7201.3
2550	9.2	200701.0	-7136.7	2640	9.3	214033.0	-7142.2	2730	9.7	224118.5	-7111.5	33	11.1	01745.0	-7210.5
2551	9.2	200711.0	-7135.5	2641	9.3	214112.0	-7148.3	2731	10.2	224121.5	-7134.3	34	8.4	01825.0	-7256.9
2552	8.7	200909.0	-7134.9	2642	8.6	214130.0	-7107.9	2732	9.6	224507.0	-7115.1	35	20.0	01832.0	-7246.4
2553	9.3	201049.0	-7128.2	2643	10.0	214138.0	-7152.1	2733	10.4	224517.5	-7147.1	36	11.0	01839.0	-7248.3
2554	8.7	201241.0	-7155.9	2644	9.2	214229.0	-7139.0	2734	9.4	224534.0	-7105.0	37	9.0	01839.5	-7240.3
2555	9.8	201418.0	-7107.9	2645	10.0	214250.0	-7136.6	2735	8.4	224903.3	-7115.9	38	10.6	01844.0	-7249.5
2556	9.6	201620.0	-7151.0	2646	10.0	214356.0	-7109.4	2736	10.0	225102.0	-7146.8	39	9.8	01929.0	-7249.4
2557	9.0	201658.0	-7115.8	2647	10.0	214432.0	-7147.7	2737	10.0	225210.0	-7116.2	40	11.1	01950.5	-7209.4
2558	8.8	201957.0	-7144.1	2648	8.8	214510.0	-7107.4	2738	8.5	225335.3	-7117.8	41	8.1	02209.5	-7234.4
2559	8.8	202019.0	-7143.3	2649	9.6	214608.0	-7106.1	2739	10.4	225357.8	-7123.5	42	9.8	02227.5	-7249.3
2560	7.4	202207.0	-7136.6	2650	10.0	214834.0	-7150.1	2740	9.7	225407.3	-7107.8	43	10.6	02318.5	-7203.9
2561	7.5	202312.0	-7141.0	2651	10.0	214900.0	-7141.1	2741	10.0	225420.2	-7113.0	44	9.8	02544.6	-7225.5
2562	8.6	202329.0	-7129.2	2652	9.1	214955.0	-7106.1	2742	10.2	225422.3	-7105.0	45	9.2	02602.6	-7251.4
2563	7.1	202341.0	-7129.6	2653	9.8	215034.0	-7110.1	2743	10.4	225425.3	-7124.5	46	10.0	02613.1	-7254.3
2564	9.2	202431.0	-7131.9	2654	9.2	215109.0	-7157.1	2744	10.0	225515.2	-7145.3	47	9.6	02656.0	-7204.1
2565	9.0	202445.0	-7143.6	2655	9.4	215113.0	-7130.3	2745	10.0	225554.3	-7120.3	48	10.6	02801.6	-7242.9
2566	8.4	202603.0	-7131.4	2656	10.0	215358.0	-7138.9	2746	9.6	225703.7	-7109.7	49	11.0	02827.1	-7228.1
2567	9.8	202808.0	-7133.9	2657	10.0	215547.0	-7148.9	2747	9.2	225748.5	-7109.7	50	10.0	02853.6	-7216.3
2568	7.9	202920.0	-7121.9	2658	9.1	215600.0	-7131.1	2748	9.2	225909.0	-7125.5	51	9.4	03031.6	-7213.8
2569	8.0	203148.0	-7140.6	2659	8.5	215604.0	-7141.8	2749	8.9	230136.0	-7122.9	52	11.1	03158.6	-7221.3
2570	8.2	203242.0	-7109.6	2660	9.5	215838.0	-7107.8	2750	9.6	230151.0	-7104.9	53	9.8	03235.3	-7232.1
2571	9.8	203436.0	-7158.0	2661	7.5	215902.0	-7130.6	2751	9.8	230227.0	-7131.1	54	9.8	03245.8	-7220.2
2572	9.0	203531.0	-7148.0	2662	9.1	220044.0	-7159.4	2752	9.9	230357.0	-7133.1	55	11.1	03251.6	-7213.4
2573	10.0	203628.0	-7147.5	2663	9.3	220050.0	-7128.7	2753	9.0	230429.0	-7132.4	56	9.4	03328.4	-7223.1
2574	9.6	203813.0	-7135.2	2664	10.0	220137.0	-7101.5	2754	8.4	230549.0	-7153.5	57	8.3	03400.3	-7258.2
2575	7.8	203816.0	-7126.5	2665	9.4	220200.0	-7133.3	2755	9.0	230609.0	-7101.1	58	9.5	03443.0	-7218.4
2576	10.0	203900.0	-7104.8	2666	8.9	220206.0	-7112.2	2756	8.2	230722.0	-7130.5	59	9.2	03600.5	-7218.2
2577	9.0	204059.0	-7159.0	2667	9.3	220240.0	-7145.1	2757	8.5	231130.0	-7100.3	60	9.8	03636.0	-7239.0
2578	10.0	204107.0	-7130.0	2668	9.6	220352.0	-7150.7	2758	8.9	231131.0	-7141.1	61	9.7	03826.5	-7214.4
2579	9.2	204246.0	-7143.7	2669	9.2	220400.0	-7122.8	2759	9.4	231500.5	-7158.7	62	9.2	03942.0	-7255.9
2580	10.0	204543.0	-7122.6	2670	8.2	220458.0	-7106.5	2760	9.8	231629.0	-7126.7	63	9.5	04105.0	-7237.0

64	9.2	04137.5	-7227.9	154	10.8	20941.9	-7239.5	244	9.4	32902.7	-7257.7	334	7.7	45543.0	-7257.7
65	9.2	04151.0	-7254.0	155	10.2	20958.4	-7204.2	245	9.4	33043.5	-7205.0	335	9.5	45558.5	-7209.7
66	9.9	04155.5	-7259.0	156	9.9	21018.4	-7236.7	246	9.4	33127.5	-7244.8	336	9.6	45652.5	-7231.0
67	9.1	04513.0	-7248.7	157	9.6	21124.4	-7209.9	247	8.1	33145.2	-7247.5	337	9.6	45701.0	-7219.0
68	9.0	04534.0	-7210.4	158	10.8	21144.8	-7232.6	248	9.7	33337.5	-7221.3	338	9.6	45706.0	-7207.4
69	9.9	04715.0	-7240.8	159	9.4	21207.3	-7221.6	249	9.9	33552.5	-7259.2	339	9.4	45819.5	-7243.3
70	9.3	04726.0	-7227.0	160	8.9	21219.3	-7207.2	250	9.5	33634.0	-7231.9	340	9.2	50050.5	-7218.2
71	9.7	04914.0	-7249.1	161	9.5	21221.3	-7209.0	251	9.3	33656.5	-7228.4	341	8.8	50243.5	-7238.0
72	9.3	04957.0	-7233.1	162	9.8	21309.8	-7241.6	252	9.6	33721.0	-7207.8	342	9.7	50353.0	-7254.0
73	9.7	05124.5	-7218.8	163	9.0	21323.3	-7206.1	253	8.6	33834.0	-7209.8	343	9.1	50415.0	-7200.9
74	20.0	05450.0	-7251.0	164	9.9	21523.8	-7234.5	254	9.8	34003.0	-7254.8	344	8.6	50708.5	-7235.0
75	9.1	05656.5	-7212.8	165	10.9	21546.4	-7245.4	255	8.6	34102.5	-7226.0	345	9.1	50711.0	-7240.0
76	8.2	05720.0	-7213.2	166	8.1	21621.6	-7202.6	256	9.8	34151.0	-7204.0	346	9.7	50717.5	-7212.6
77	9.7	05845.0	-7250.7	167	10.9	21625.8	-7259.5	257	9.1	34153.0	-7208.0	347	9.1	50734.5	-7215.9
78	9.0	05857.0	-7245.6	168	9.8	21628.7	-7217.8	258	9.0	34414.0	-7209.6	348	9.5	50825.0	-7220.0
79	8.5	10020.0	-7255.4	169	10.6	21655.2	-7218.0	259	9.7	34434.0	-7221.7	349	9.7	50900.5	-7230.8
80	9.7	10043.0	-7248.1	170	10.8	21721.9	-7248.7	260	9.0	34446.7	-7259.9	350	9.2	51038.0	-7224.5
81	9.7	10048.5	-7209.6	171	10.0	21850.4	-7255.4	261	8.4	34531.0	-7205.3	351	9.0	51141.5	-7229.0
82	9.5	10052.0	-7233.1	172	9.8	21925.2	-7212.2	262	6.2	34603.0	-7202.7	352	8.9	51215.5	-7213.3
83	8.0	10101.0	-7224.3	173	9.0	21939.2	-7252.8	263	9.9	34642.0	-7254.6	353	9.7	51259.0	-7222.8
84	9.9	10349.0	-7240.0	174	10.2	21957.7	-7253.0	264	8.9	35044.5	-7257.6	354	9.6	51356.0	-7223.7
85	8.5	10443.0	-7230.2	175	10.6	22000.2	-7221.5	265	9.9	35050.0	-7232.6	355	9.5	51448.5	-7234.5
86	9.9	10738.3	-7251.1	176	8.2	22013.5	-7214.4	266	9.6	35116.0	-7205.4	356	9.6	51605.0	-7210.4
87	10.3	10905.5	-7216.2	177	8.6	22055.0	-7224.8	267	9.7	35123.5	-7232.2	357	9.7	51732.5	-7207.0
88	9.2	10916.0	-7217.8	178	10.9	22137.5	-7258.2	268	9.9	35247.0	-7209.4	358	8.7	51744.0	-7231.7
89	9.7	11016.5	-7222.5	179	10.9	22201.0	-7259.2	269	9.7	35248.0	-7209.2	359	9.0	51756.9	-7213.2
90	10.0	11409.0	-7214.8	180	9.8	22315.1	-7247.6	270	8.8	35253.0	-7223.6	360	9.7	51829.5	-7243.9
91	9.8	11416.5	-7238.2	181	8.7	22512.5	-7203.1	271	9.5	35340.0	-7241.1	361	9.7	51830.5	-7214.7
92	8.8	11611.5	-7227.5	182	9.5	22542.5	-7231.8	272	8.6	35639.0	-7242.0	362	9.7	51844.5	-7201.5
93	9.0	11615.5	-7229.8	183	9.8	22554.5	-7217.3	273	9.6	35753.5	-7229.0	363	8.9	51944.0	-7249.5
94	9.0	11801.5	-7225.6	184	9.9	22810.0	-7211.2	274	9.9	35832.0	-7213.8	364	9.1	51951.5	-7203.0
95	9.7	11841.5	-7214.7	185	10.8	22815.5	-7240.2	275	9.3	35843.0	-7215.4	365	9.2	52056.5	-7206.0
96	10.3	11936.5	-7212.5	186	10.9	22914.4	-7243.8	276	9.7	35909.5	-7226.0	366	9.7	52105.5	-7201.1
97	9.9	12028.5	-7239.7	187	10.8	22915.0	-7233.9	277	9.7	40056.0	-7232.9	367	9.6	52106.0	-7248.9
98	7.3	12042.5	-7258.7	188	10.2	22943.5	-7217.9	278	9.1	40554.5	-7212.9	368	9.7	52246.5	-7210.6
99	8.5	12043.0	-7210.2	189	9.2	23119.2	-7243.8	279	9.7	40621.5	-7204.6	369	9.2	52312.5	-7212.5
100	9.4	12152.7	-7242.3	190	8.0	23216.3	-7259.7	280	9.8	40654.0	-7230.6	370	9.6	52350.5	-7220.5
101	7.8	12423.5	-7221.1	191	7.2	23247.3	-7253.8	281	9.7	40857.0	-7203.8	371	9.6	52417.5	-7203.0
102	8.6	12520.0	-7235.3	192	9.6	23339.2	-7217.2	282	9.4	40926.0	-7201.4	372	8.2	52500.3	-7227.0
103	9.7	12558.4	-7250.5	193	10.8	23535.5	-7227.3	283	9.3	40939.5	-7215.6	373	9.3	52541.5	-7212.9
104	9.2	12849.8	-7204.1	194	10.2	23556.1	-7205.5	284	9.7	41113.0	-7209.4	374	9.7	52706.5	-7232.4
105	10.2	12946.8	-7230.9	195	9.5	23620.0	-7259.5	285	9.7	41122.0	-7208.1	375	9.4	52830.0	-7234.4
106	9.8	13151.8	-7257.1	196	9.4	23745.0	-7212.6	286	9.6	41133.0	-7216.0	376	9.8	53004.5	-7242.9
107	10.2	13244.0	-7259.4	197	10.2	23927.3	-7211.8	287	9.4	41145.5	-7200.8	377	9.4	53046.0	-7250.0
108	9.7	13659.3	-7221.1	198	9.6	24217.3	-7219.6	288	9.4	41306.5	-7236.3	378	9.6	53048.5	-7230.6
109	10.2	13918.9	-7256.6	199	9.8	24253.7	-7228.6	289	9.0	41406.0	-7242.7	379	8.9	53108.5	-7250.4
110	9.9	13926.3	-7218.9	200	8.8	24500.8	-7222.2	290	9.6	41422.0	-7210.8	380	9.6	53110.7	-7201.4
111	9.7	13954.3	-7218.3	201	10.2	24519.3	-7222.2	291	9.7	41458.5	-7200.9	381	9.6	53150.1	-7245.6
112	10.3	14039.3	-7240.3	202	9.8	24606.0	-7222.5	292	9.4	41545.5	-7206.4	382	8.6	53206.4	-7254.2
113	10.2	14111.9	-7217.4	203	8.8	24616.0	-7210.1	293	9.2	41629.0	-7245.3	383	9.5	53357.	-7230.5
114	9.5	14111.9	-7205.7	204	9.8	24949.0	-7210.4	294	9.3	41633.5	-7232.9	384	9.4	53400.1	-7255.1
115	10.3	14132.4	-7204.9	205	9.1	25036.0	-7243.4	295	8.4	41812.0	-7218.0	385	9.4	53446.2	-7223.9
116	9.5	14213.1	-7244.0	206	9.6	25200.5	-7223.6	296	9.0	41858.0	-7216.5	386	8.3	53453.4	-7254.8
117	9.0	14319.4	-7216.1	207	9.8	25202.7	-7222.1	297	9.3	42141.0	-7217.6	387	9.7	53507.2	-7203.8
118	10.3	14343.9	-7213.9	208	9.5	25205.6	-7242.8	298	9.0	42332.0	-7202.4	388	9.7	53508.8	-7204.5
119	10.8	14633.3	-7250.8	209	10.2	25214.2	-7242.0	299	9.4	42347.0	-7239.3	389	10.1	53513.0	-7217.4
120	8.6	14753.9	-7234.0	210	10.2	25251.2	-7233.4	300	9.9	42348.0	-7238.3	390	10.2	53521.0	-7213.7
121	9.0	14914.2	-7231.7	211	9.2	25326.5	-7256.8	301	9.3	42411.0	-7226.3	391	9.1	53603.2	-7219.3
122	10.3	14918.7	-7226.0	212	10.0	25511.2	-7210.6	302	9.4	42613.0	-7221.9	392	10.0	53659.5	-7203.7
123	9.5	15003.3	-7215.9	213	9.6	25532.4	-7249.5	303	9.7	42709.0	-7222.0	393	9.2	53746.5	-7234.9
124	10.8	15023.9	-7202.2	214	8.2	25545.2	-7218.7	304	8.0	42848.5	-7254.3	394	9.6	53810.5	-7258.6
125	8.9	15126.5	-7251.9	215	9.8	25559.2	-7205.1	305	9.7	42902.0	-7240.6	395	9.1	53813.5	-7258.8
126	8.6	15147.8	-7238.3	216	9.6	25819.1	-7238.7	306	9.4	42908.0	-7216.0	396	9.4	53846.5	-7251.6
127	9.6	15220.8	-7226.0	217	9.6	25856.1	-7217.8	307	9.7	43049.5	-7241.4	397	10.0	53848.0	-7228.8
128	10.4	15240.3	-7256.1	218	9.6	25948.3	-7234.8	308	8.2	43142.0	-7232.4	398	10.1	53918.0	-7227.0
129	10.1	15316.1	-7206.2	219	5.6	30200.5	-7223.5	309	9.7	43152.0	-7242.9	399	10.1	53938.0	-7231.9
130	8.0	15354.1	-7213.5	220	10.2	30218.1	-7243.9	310	9.1	43240.5	-7238.9	400	10.0	54137.0	-7215.1
131	10.8	15419.3	-7200.2	221	8.2	30249.5	-7257.0	311	7.4	43635.0	-7259.2	401	9.9	54208.3	-7200.8
132	10.8	15445.6	-7201.5	222	10.2	30430.1	-7205.5	312	9.1	43737.0	-7211.6	402	10.1	54216.0	-7225.9
133	9.2	15521.8	-7216.9	223	9.6	30508.3	-7234.9	313	9.4	43903.0	-7200.0	403	9.1	54219.5	-7231.8
134	9.9	15608.7	-7234.2	224	8.2	30518.5	-7229.0	314	8.8	43913.5	-7243.1	404	10.1	54252.0	-7206.6
135	10.8	15613.4	-7220.5	225	8.8	30530.3	-7211.9	315	9.5	43923.0	-7222.9	405	8.7	54314.3	-7219.7
136	10.2	15615.0	-7235.8	226	8.6	30545.8	-7241.7	316	9.1	44009.0	-7236.7	406	9.6	54347.5	-7259.5
137	10.4	15824.9	-7220.9	227	10.2	30603.3	-7240.7	317	9.6	44219.0	-7203.8	407	10.0	54444.0	-7217.9
138	10.8	15917.4	-7212.8	228	7.6	30639.3	-7230.1	318	9.3	44520.0	-7251.2	408	9.4	54448.0	-7217.5
139	9.6	15920.8	-7257.7	229	9.5	30656.3	-7246.8	319	9.0	44542.0	-7221.6	409	10.1	54511.5	-7200.9
140	9.8	20024.1	-7258.2	230	8.6	30740.3	-7247.8	320	9.3	44707.0	-7232.9	410	9.3	54612.5	-7237.2
141	10.8	20239.0	-7232.5	231	9.2	30807.8	-7211.6	321	9.2	44725.0	-7243.1	411	9.4	54621.5	-7258.0
142	9.9	20319.0	-7225.5	232	9.1	30900.3	-7229.2	322	9.6	44759.7	-7229.2	412	9.8	54631.5	-7235.9
143	7.5	20339.0	-7212.2	233	10.0	31251.4	-7250.1	323	9.5	44900.6	-7235.0	413	9.8	54649.0	-7208.8
144	10.0	20417.9	-7252.2	234	9.3	31301.6	-7233.4	324	9.0	44921.5	-7239.8	414	8.3	54715.5	-7242.1
145	10.9	20443.5	-7252.2	235	8.0	31315.3	-7242.0	325	9.6	45024.5	-7208.2	415	10.1	54752.5	-7201.9
146	10.7	20451.0	-7259.8	236	9.8	31452.3	-7242.1	326	9.0	45157.0	-7240.0	416	9.9	54855.5	-7202.8
147	10.2	20550.5	-7223.6	237	9.5	31844.0	-7249.9	327	9.6	45201.5	-7216.7	417	9.9	54912.0	-7223.0
148	10.0	20609.5	-7212.9	238	8.5	32020.3	-7225.6	328	9.6	45204.5	-7216.5	418	7.6	55020.7	-7244.2
149	9.8	20710.5	-7214.4	239	9.6	32056.0	-7254.2	329	9.0	45252.0	-7237.6	419	9.9	55028.5	-7200.6
150	10.8	20722.0	-7240.1	240	9.1	32305.6	-7207.4	330	9.5	45311.0	-7234.0	420	9.4	55211.3	-7226.9
151	9.8	20755.9	-7226.2	241	9.8	32335.5	-7227.4	331	9.0	45503.0	-7238.9	421	9.6	55317.5	-7248.2
152	10.4	20757.3	-7259.8	242	9.2	32612.9	-7204.9	332	7.1	45511.0	-7236.8	422	9.3	55407.2	-7242.5
153	8.9	20759.9	-7224.9	243	9.7	32631.5	-7203.1	333	9.2	45541.0	-7236.0	423	10.1	55436.3	-7226.8

-72 424 5h54m

-72 783 9h08m

424	8.6	55442.8	-7221.7	514	9.7	63924.0	-7203.0	604	9.9	73042.0	-7252.3	694	5.1	82309.0	-7259.9
425	9.9	55443.5	-7246.6	515	9.6	63924.0	-7232.2	605	9.7	73049.0	-7237.9	695	9.6	82315.0	-7214.4
426	10.2	55500.0	-7221.5	516	9.5	64011.0	-7238.6	606	9.7	73107.0	-7238.9	696	8.9	82321.0	-7224.2
427	9.9	55514.0	-7221.9	517	10.0	64016.0	-7222.1	607	9.8	73124.5	-7224.8	697	8.1	82345.0	-7244.1
428	10.2	55537.0	-7231.4	518	9.1	64157.0	-7252.9	608	9.1	73209.0	-7240.7	698	10.0	82405.0	-7210.2
429	9.9	55556.0	-7203.0	519	9.4	64345.0	-7239.1	609	9.6	73302.5	-7236.1	699	10.0	82529.0	-7220.2
430	10.0	55600.0	-7205.9	520	8.8	64431.0	-7253.5	610	10.3	73416.0	-7229.9	700	10.0	82608.0	-7201.4
431	9.6	55606.0	-7215.9	521	9.9	64456.5	-7228.8	611	8.4	73442.5	-7218.6	701	9.8	82611.0	-7221.0
432	10.1	55624.0	-7217.5	522	7.3	64609.5	-7258.9	612	9.5	73459.0	-7247.0	702	10.0	82623.0	-7210.6
433	9.0	55719.5	-7222.3	523	9.4	64620.5	-7231.4	613	9.9	73504.0	-7253.2	703	10.0	82717.0	-7219.1
434	9.7	55724.0	-7219.8	524	9.5	64621.0	-7239.5	614	9.4	73512.0	-7246.4	704	9.7	82726.0	-7230.2
435	10.0	55726.0	-7217.0	525	9.8	64641.5	-7232.0	615	10.0	73801.0	-7215.8	705	9.5	82819.5	-7236.9
436	9.5	55732.5	-7242.2	526	9.8	64648.0	-7252.9	616	9.8	73928.5	-7226.1	706	9.7	82850.0	-7237.9
437	8.2	55741.5	-7249.4	527	10.0	64829.0	-7221.5	617	9.8	74011.0	-7254.0	707	9.2	82922.0	-7244.0
438	9.4	55807.0	-7224.9	528	9.7	64902.0	-7204.0	618	10.4	74014.0	-7207.6	708	9.3	82935.0	-7213.2
439	9.8	60026.5	-7232.1	529	9.2	64907.5	-7226.0	619	9.1	74018.0	-7252.8	709	8.9	83100.5	-7259.8
440	9.9	60042.5	-7231.0	530	9.5	64957.5	-7235.8	620	9.7	74048.0	-7244.1	710	9.6	83137.0	-7234.9
441	9.8	60236.0	-7255.2	531	9.4	64959.0	-7245.2	621	10.4	74115.0	-7218.7	711	9.5	83200.0	-7254.6
442	10.1	60240.0	-7229.9	532	9.5	65033.0	-7255.2	622	8.8	74125.0	-7217.3	712	10.0	83219.5	-7212.7
443	8.6	60400.0	-7208.3	533	9.4	65040.0	-7204.2	623	9.5	74200.5	-7227.9	713	7.3	83332.0	-7255.8
444	9.7	60418.0	-7215.4	534	8.9	65053.0	-7218.7	624	9.4	74259.0	-7249.9	714	10.0	83408.0	-7209.4
445	9.9	60443.0	-7220.9	535	9.2	65109.5	-7233.6	625	10.4	74259.0	-7230.8	715	9.7	83445.0	-7251.2
446	9.3	60606.0	-7245.0	536	10.0	65122.0	-7215.8	626	9.4	74309.0	-7230.2	716	10.0	83536.5	-7211.6
447	9.5	60650.0	-7217.5	537	9.8	65132.0	-7243.2	627	6.0	74319.5	-7218.2	717	10.0	83634.0	-7204.9
448	9.6	60751.0	-7208.7	538	10.1	65209.0	-7223.1	628	9.4	74403.0	-7239.7	718	10.0	83634.5	-7211.8
449	10.1	60803.0	-7216.5	539	9.2	65422.0	-7202.0	629	9.8	74413.0	-7213.7	719	9.2	83635.0	-7256.4
450	9.8	60826.5	-7237.4	540	9.6	65440.0	-7237.3	630	10.0	74423.0	-7213.1	720	10.0	83700.5	-7216.4
451	8.9	60854.5	-7228.5	541	9.6	65606.5	-7230.4	631	9.2	74426.5	-7222.9	721	9.6	83715.0	-7241.9
452	9.9	60856.0	-7241.8	542	9.4	65609.0	-7254.4	632	9.9	74441.0	-7226.5	722	9.4	83736.0	-7248.7
453	10.0	61121.0	-7213.6	543	10.1	65638.0	-7200.8	633	9.1	74509.0	-7210.1	723	9.0	83754.5	-7258.3
454	9.5	61131.0	-7244.6	544	9.0	65840.0	-7228.3	634	10.4	74549.5	-7210.6	724	10.0	83818.0	-7203.5
455	9.4	61240.0	-7252.1	545	9.8	65918.0	-7207.6	635	9.9	74627.0	-7233.6	725	9.4	83850.5	-7202.3
456	9.9	61246.0	-7232.5	546	9.0	70041.0	-7221.4	636	10.0	74630.0	-7213.0	726	9.9	83901.0	-7221.9
457	7.5	61324.5	-7258.7	547	9.0	70053.0	-7251.1	637	9.5	74700.5	-7200.9	727	10.1	83954.5	-7203.7
458	9.2	61329.0	-7207.7	548	10.0	70137.0	-7212.3	638	10.0	74730.0	-7215.1	728	10.1	84033.5	-7212.9
459	8.7	61455.5	-7246.0	549	9.0	70156.5	-7228.8	639	9.6	74802.0	-7209.9	729	10.1	84058.5	-7203.9
460	9.7	61503.5	-7226.1	550	10.0	70238.0	-7215.0	640	9.3	74814.0	-7248.4	730	7.5	84140.5	-7208.4
461	9.5	61640.0	-7201.9	551	7.7	70303.0	-7222.4	641	9.9	74920.0	-7235.0	731	9.4	84214.0	-7244.8
462	10.0	61709.0	-7213.9	552	8.9	70323.0	-7234.7	642	9.6	74948.0	-7204.8	732	9.6	84233.0	-7220.8
463	9.0	61721.5	-7226.7	553	8.6	70325.0	-7252.9	643	10.0	74954.0	-7213.9	733	10.1	84249.0	-7229.1
464	9.6	61926.5	-7236.4	554	10.0	70413.0	-7226.3	644	9.2	75100.0	-7202.2	734	9.6	84250.0	-7251.7
465	9.9	61927.5	-7259.8	555	10.0	70452.0	-7223.2	645	9.7	75158.0	-7206.0	735	9.5	84317.0	-7227.5
466	10.0	61955.0	-7214.9	556	10.4	70457.0	-7222.8	646	10.0	75302.0	-7204.0	736	10.0	84400.0	-7218.9
467	9.6	61957.0	-7238.4	557	10.2	70459.5	-7207.3	647	9.5	75446.0	-7247.4	737	9.5	84435.0	-7218.6
468	10.1	62010.0	-7216.0	558	10.4	70506.5	-7201.9	648	9.6	75502.0	-7210.2	738	9.7	84441.0	-7225.2
469	8.0	62025.0	-7204.4	559	8.9	70541.0	-7234.3	649	9.8	75556.0	-7224.2	739	9.0	84443.0	-7216.2
470	10.0	62127.0	-7230.6	560	10.3	70543.0	-7201.7	650	9.0	75653.0	-7246.1	740	9.8	84613.0	-7215.0
471	9.7	62130.0	-7224.0	561	10.4	70643.5	-7215.6	651	9.9	75816.5	-7227.8	741	8.6	84619.0	-7229.7
472	9.6	62230.0	-7241.2	562	10.4	70649.5	-7216.7	652	10.0	80012.0	-7205.0	742	10.0	84622.5	-7202.6
473	10.0	62311.0	-7233.8	563	8.5	70736.0	-7247.6	653	9.8	80040.0	-7256.7	743	9.5	84700.5	-7252.1
474	9.8	62317.0	-7204.4	564	9.4	70752.3	-7224.3	654	6.4	80049.0	-7253.7	744	8.8	84702.0	-7209.6
475	10.0	62329.0	-7224.9	565	9.8	70818.0	-7234.3	655	9.5	80108.0	-7205.5	745	9.5	84817.0	-7201.6
476	10.0	62403.0	-7231.7	566	10.3	70819.0	-7201.4	656	9.7	80248.5	-7207.7	746	9.7	84903.5	-7232.9
477	9.9	62449.0	-7231.3	567	10.3	70822.0	-7211.9	657	10.0	80257.5	-7226.4	747	6.6	84953.0	-7205.0
478	9.0	62531.5	-7217.6	568	10.0	70913.5	-7208.8	658	9.9	80417.0	-7243.6	748	10.1	85044.0	-7210.1
479	10.0	62544.5	-7233.1	569	9.1	70919.0	-7200.6	659	9.4	80446.5	-7205.8	749	9.6	85136.0	-7206.8
480	9.2	62606.5	-7205.9	570	10.0	70940.5	-7202.8	660	10.0	80551.0	-7215.6	750	9.7	85151.5	-7249.8
481	9.3	62625.0	-7256.5	571	9.5	70951.0	-7255.0	661	9.5	80817.0	-7247.1	751	8.8	85312.5	-7200.9
482	9.4	62745.0	-7258.9	572	9.8	71029.5	-7217.5	662	10.0	80856.0	-7229.1	752	10.0	85319.0	-7200.2
483	10.0	62805.5	-7213.8	573	8.6	71037.0	-7206.2	663	9.8	80901.5	-7224.2	753	10.0	85414.0	-7203.4
484	10.1	62823.7	-7201.4	574	9.6	71049.5	-7204.0	664	8.9	81017.0	-7216.3	754	10.0	85420.0	-7213.2
485	9.8	62935.0	-7236.5	575	9.4	71149.0	-7236.2	665	9.8	81135.0	-7251.6	755	9.4	85425.5	-7235.3
486	9.6	62951.0	-7200.4	576	8.0	71222.2	-7207.8	666	9.8	81245.0	-7252.4	756	10.1	85428.0	-7226.9
487	9.2	63011.0	-7254.4	577	8.5	71323.8	-7232.3	667	9.8	81248.0	-7205.1	757	8.8	85514.0	-7215.8
488	9.8	63040.5	-7235.1	578	10.4	71349.5	-7234.6	668	9.6	81326.0	-7201.5	758	9.5	85528.5	-7241.5
489	10.1	63214.0	-7228.9	579	10.4	71351.5	-7231.8	669	8.1	81336.0	-7248.1	759	10.1	85622.0	-7222.0
490	9.8	63215.0	-7251.4	580	10.3	71704.5	-7227.2	670	9.7	81404.0	-7239.6	760	10.0	85645.0	-7206.8
491	9.0	63240.0	-7205.3	581	10.4	71716.0	-7204.4	671	9.8	81446.0	-7214.0	761	9.7	85653.5	-7230.9
492	9.3	63305.0	-7244.4	582	8.0	71742.3	-7230.7	672	9.4	81500.0	-7206.5	762	9.7	85705.5	-7253.2
493	9.8	63320.0	-7235.5	583	10.4	71759.5	-7224.6	673	9.3	81511.0	-7242.4	763	10.0	85733.0	-7229.9
494	9.8	63329.0	-7243.2	584	9.0	71941.0	-7253.1	674	9.8	81513.0	-7224.7	764	9.7	85748.5	-7236.4
495	10.1	63338.0	-7234.3	585	9.4	72027.0	-7244.9	675	10.0	81517.0	-7223.1	765	10.0	85749.0	-7233.0
496	9.3	63340.5	-7241.0	586	9.4	72158.0	-7258.3	676	9.2	81534.0	-7202.0	766	9.7	85812.5	-7255.2
497	10.0	63341.0	-7201.2	587	9.4	72230.5	-7221.0	677	10.0	81541.0	-7235.1	767	8.8	85904.5	-7243.7
498	10.0	63351.0	-7205.7	588	9.5	72327.0	-7228.8	678	10.0	81608.0	-7232.4	768	9.6	85921.5	-7247.0
499	9.4	63403.5	-7235.8	589	10.4	72403.0	-7234.4	679	9.5	81702.0	-7257.6	769	10.0	90009.0	-7209.0
500	9.8	63413.0	-7250.0	590	10.0	72509.0	-7220.3	680	8.7	81717.0	-7245.5	770	9.1	90019.0	-7202.8
501	10.1	63432.0	-7203.9	591	9.1	72512.5	-7246.4	681	9.1	81735.0	-7237.6	771	9.9	90039.0	-7228.9
502	8.7	63444.0	-7204.7	592	9.7	72523.0	-7203.9	682	9.1	81821.0	-7225.2	772	9.7	90045.0	-7213.0
503	9.8	63519.5	-7228.3	593	10.2	72605.0	-7200.9	683	8.8	81940.5	-7223.7	773	10.0	90111.0	-7227.0
504	9.2	63524.0	-7225.3	594	8.9	72611.0	-7203.5	684	9.8	81942.0	-7256.3	774	9.2	90204.5	-7246.5
505	9.4	63545.0	-7213.0	595	10.4	72713.0	-7223.6	685	9.4	81958.0	-7225.9	775	8.3	90254.5	-7247.9
506	9.8	63550.0	-7210.3	596	9.2	72841.0	-7238.0	686	9.0	81959.0	-7244.1	776	9.2	90325.0	-7207.9
507	10.1	63605.0	-7210.7	597	10.4	72853.0	-7230.0	687	9.6	82046.0	-7204.7	777	10.1	90410.0	-7227.8
508	8.3	63615.5	-7209.8	598	10.0	72903.0	-7216.8	688	9.3	82052.5	-7257.3	778	9.4	90410.5	-7237.4
509	9.4	63709.0	-7237.6	599	10.3	72903.0	-7211.8	689	10.0	82109.0	-7204.1	779	5.6	90447.5	-7206.0
510	9.8	63727.0	-7253.5	600	8.8	72915.0	-7250.0	690	9.2	82157.0	-7215.0	780	9.6	90505.5	-7246.0
511	9.3	63732.0	-7248.3	601	9.8	72926.0	-7245.2	691	10.0	82214.0	-7219.2	781	9.6	90553.5	-7251.3
512	9.2	63824.0	-7204.3	602	9.6	72946.5	-7242.1	692	10.0	82244.0	-7209.4	782	9.2	90734.5	-7243.8
513	9.1	63835.0	-7240.4	603	9.8	72958.8	-7257.3	693	7.7	82257.0	-7233.2	783	8.9	90829.5	-7241.6

784	10.0	90942.5	-7232.4	874	9.4	94948.5	-7247.9	964	9.8	102455.0	-7213.1	1054	9.9	104832.0	-7222.4
785	8.3	90944.5	-7211.7	875	9.8	95017.5	-7241.0	965	9.4	102507.0	-7213.7	1055	9.7	104832.0	-7222.0
786	9.2	91043.5	-7254.7	876	9.5	95040.5	-7228.0	966	9.9	102515.0	-7201.1	1056	9.9	104842.0	-7218.4
787	10.0	91059.5	-7205.5	877	9.4	95052.5	-7253.0	967	9.9	102517.0	-7210.1	1057	8.6	104844.3	-7231.3
788	10.0	91111.7	-7202.6	878	9.2	95100.0	-7213.9	968	9.9	102520.0	-7201.1	1058	9.8	104845.0	-7218.0
789	10.1	91141.5	-7213.7	879	9.8	95234.5	-7250.7	969	9.8	102523.5	-7240.9	1059	9.3	104854.5	-7232.2
790	9.7	91157.5	-7210.3	880	9.6	95248.0	-7216.0	970	9.8	102533.0	-7228.3	1060	8.9	104907.0	-7204.1
791	9.6	91202.0	-7231.6	881	9.5	95403.0	-7205.7	971	9.0	102535.5	-7200.9	1061	9.3	105012.5	-7239.1
792	8.5	91204.0	-7216.7	882	9.3	95451.0	-7219.3	972	9.7	102600.0	-7205.1	1062	9.8	105013.0	-7259.2
793	8.8	91217.5	-7209.3	883	9.9	95553.5	-7227.1	973	9.9	102618.0	-7213.1	1063	9.6	105015.5	-7234.0
794	9.7	91234.0	-7258.1	884	8.8	95611.0	-7217.8	974	9.4	102625.0	-7218.6	1064	9.4	105026.5	-7249.0
795	10.0	91515.5	-7223.8	885	8.8	95620.7	-7235.0	975	9.9	102702.0	-7221.9	1065	9.8	105038.0	-7205.3
796	9.3	91551.5	-7221.1	886	9.9	95638.5	-7259.3	976	9.6	102708.0	-7237.4	1066	9.4	105103.0	-7226.3
797	9.2	91619.5	-7248.0	887	8.4	95711.0	-7211.4	977	9.8	102722.0	-7217.5	1067	9.8	105104.0	-7209.2
798	10.0	91639.5	-7220.1	888	9.9	95730.5	-7227.6	978	9.8	102727.5	-7252.9	1068	9.3	105107.0	-7213.3
799	7.8	91654.5	-7230.4	889	9.2	95857.0	-7204.1	979	9.8	102728.0	-7208.3	1069	9.1	105126.0	-7236.8
800	9.7	91731.8	-7259.1	890	9.3	95907.7	-7234.1	980	9.1	102801.0	-7242.8	1070	9.4	105132.0	-7248.6
801	9.0	91745.0	-7206.1	891	9.4	100009.5	-7251.8	981	7.7	102806.0	-7234.7	1071	9.9	105217.0	-7232.6
802	7.4	91834.5	-7247.4	892	9.6	100021.7	-7227.8	982	9.9	102909.0	-7224.1	1072	9.7	105225.0	-7216.4
803	9.9	91850.5	-7205.6	893	9.3	100034.5	-7243.9	983	9.9	102919.0	-7212.1	1073	9.3	105227.5	-7259.1
804	9.5	91854.5	-7237.0	894	9.8	100143.5	-7231.3	984	9.9	103038.0	-7217.3	1074	9.9	105259.0	-7258.3
805	10.1	91904.5	-7219.5	895	9.9	100342.5	-7211.8	985	9.9	103056.0	-7215.1	1075	9.4	105358.0	-7253.2
806	10.1	92027.0	-7220.1	896	9.2	100342.5	-7222.9	986	9.8	103117.0	-7205.3	1076	9.6	105406.0	-7225.4
807	10.0	92034.0	-7223.9	897	9.9	100421.5	-7245.0	987	9.8	103127.0	-7200.9	1077	9.4	105414.2	-7228.1
808	9.6	92148.5	-7254.0	898	9.8	100422.5	-7258.7	988	9.8	103127.0	-7200.3	1078	8.2	105428.0	-7244.1
809	9.6	92226.8	-7233.5	899	9.4	100453.5	-7203.1	989	9.7	103140.0	-7210.5	1079	9.1	105437.5	-7203.2
810	9.7	92229.5	-7207.7	900	9.9	100505.5	-7203.1	990	9.7	103145.0	-7201.8	1080	9.8	105440.0	-7254.2
811	9.6	92246.5	-7240.1	901	9.9	100522.5	-7207.1	991	9.6	103221.0	-7220.0	1081	9.7	105535.0	-7256.8
812	9.2	92248.5	-7228.4	902	9.9	100601.5	-7254.9	992	9.6	103227.0	-7222.2	1082	9.5	105610.0	-7239.4
813	9.6	92324.5	-7219.4	903	9.5	100653.5	-7211.1	993	9.4	103232.0	-7224.6	1083	9.1	105611.5	-7221.7
814	9.3	92336.0	-7230.0	904	9.3	100700.5	-7247.4	994	9.4	103242.5	-7254.5	1084	9.5	105619.0	-7244.7
815	9.2	92350.0	-7206.6	905	9.9	100702.5	-7202.0	995	9.6	103349.0	-7219.3	1085	9.7	105622.0	-7252.7
816	9.7	92405.5	-7253.1	906	9.7	100703.5	-7200.9	996	9.9	103407.0	-7216.0	1086	9.1	105626.0	-7212.9
817	9.1	92416.0	-7232.9	907	9.9	100709.5	-7201.7	997	9.1	103436.5	-7255.8	1087	9.6	105629.5	-7215.2
818	9.7	92421.5	-7256.1	908	9.5	100744.5	-7235.9	998	9.2	103440.5	-7255.9	1088	8.7	105634.0	-7218.8
819	9.6	92441.0	-7218.0	909	9.5	100817.5	-7245.4	999	9.3	103505.0	-7245.0	1089	7.6	105801.0	-7248.9
820	9.5	92455.8	-7202.3	910	9.9	100835.5	-7250.7	1000	9.9	103510.5	-7258.4	1090	8.8	105823.0	-7247.2
821	9.3	92621.0	-7226.1	911	9.6	100901.5	-7236.1	1001	9.9	103530.0	-7229.4	1091	9.0	105823.0	-7223.4
822	9.3	92642.0	-7213.6	912	9.3	100906.5	-7241.9	1002	9.8	103558.0	-7215.7	1092	9.6	105843.0	-7225.4
823	7.8	92645.8	-7257.1	913	9.9	101035.2	-7231.3	1003	9.4	103602.5	-7235.5	1093	9.3	105909.0	-7246.7
824	9.6	92654.5	-7258.2	914	9.8	101104.5	-7204.3	1004	7.7	103603.5	-7254.7	1094	9.4	105926.0	-7211.0
825	9.5	92729.0	-7224.4	915	9.8	101114.5	-7243.8	1005	9.8	103608.0	-7214.3	1095	9.2	105943.0	-7218.8
826	8.7	92747.0	-7224.5	916	8.5	101117.5	-7242.8	1006	8.1	103633.5	-7232.2	1096	9.4	110057.0	-7233.9
827	9.6	92812.0	-7224.0	917	9.6	101119.5	-7222.7	1007	9.4	103728.0	-7209.3	1097	9.6	110112.0	-7248.7
828	9.8	92823.5	-7249.7	918	8.6	101132.0	-7203.5	1008	8.6	103750.5	-7237.8	1098	9.5	110145.0	-7205.9
829	9.6	92945.0	-7224.5	919	9.3	101144.5	-7217.3	1009	9.1	103753.5	-7244.2	1099	8.5	110154.0	-7209.7
830	9.5	92949.0	-7224.0	920	9.3	101211.5	-7240.4	1010	9.6	103755.5	-7236.8	1100	9.4	110155.5	-7228.8
831	8.9	93005.5	-7232.0	921	9.8	101217.5	-7210.8	1011	9.8	103757.5	-7202.0	1101	9.4	110234.5	-7227.8
832	9.8	93006.5	-7250.9	922	9.8	101308.5	-7224.0	1012	9.6	103808.0	-7213.4	1102	9.6	110307.0	-7245.4
833	9.2	93023.0	-7204.6	923	9.9	101328.5	-7216.4	1013	9.5	103833.5	-7235.3	1103	9.5	110504.0	-7203.1
834	9.3	93037.0	-7253.7	924	9.6	101342.5	-7234.3	1014	9.1	103844.5	-7252.2	1104	9.3	110611.5	-7258.9
835	7.5	93039.0	-7231.5	925	9.9	101404.5	-7256.1	1015	9.7	103850.0	-7205.1	1105	9.9	110728.0	-7251.5
836	8.8	93043.0	-7204.5	926	9.2	101443.5	-7214.5	1016	9.5	103909.3	-7230.0	1106	9.4	110801.0	-7238.5
837	9.2	93058.0	-7230.0	927	9.8	101444.5	-7224.1	1017	9.4	103925.0	-7220.0	1107	9.4	110836.0	-7224.0
838	7.9	93141.5	-7207.1	928	9.3	101446.5	-7251.8	1018	9.4	103944.5	-7241.4	1108	9.5	110901.5	-7231.1
839	9.6	93208.0	-7227.1	929	9.8	101458.5	-7215.1	1019	9.9	103944.5	-7259.3	1109	9.2	110920.0	-7224.6
840	9.6	93236.0	-7220.5	930	9.6	101509.5	-7239.2	1020	9.7	103946.0	-7222.6	1110	9.2	111008.0	-7217.4
841	9.4	93247.0	-7255.4	931	9.4	101520.5	-7254.3	1021	9.4	103946.5	-7256.4	1111	9.4	111012.5	-7231.1
842	9.8	93257.0	-7233.7	932	9.9	101625.0	-7230.0	1022	9.6	104022.0	-7211.0	1112	9.8	111026.0	-7246.5
843	9.9	93302.5	-7243.8	933	9.9	101652.5	-7208.0	1023	9.6	104028.0	-7219.5	1113	9.7	111048.0	-7254.3
844	8.8	93306.0	-7256.8	934	9.9	101717.5	-7207.2	1024	8.9	104029.0	-7203.8	1114	9.6	111049.5	-7257.9
845	9.6	93306.5	-7250.2	935	9.3	101735.5	-7238.8	1025	9.7	104102.5	-7256.8	1115	9.9	111125.0	-7252.2
846	9.9	93322.2	-7259.3	936	9.8	101741.5	-7252.8	1026	9.8	104145.0	-7232.6	1116	9.8	111215.0	-7226.7
847	9.6	93543.0	-7206.8	937	9.8	101748.5	-7233.0	1027	8.2	104219.0	-7224.4	1117	9.6	111334.0	-7216.9
848	8.6	93725.0	-7207.1	938	9.8	101749.5	-7212.2	1028	9.7	104234.0	-7225.7	1118	9.6	111424.0	-7204.3
849	8.7	93732.0	-7208.0	939	9.8	101845.5	-7207.5	1029	9.8	104312.0	-7206.3	1119	9.2	111429.0	-7238.6
850	9.9	93735.5	-7251.2	940	9.9	101850.0	-7225.0	1030	9.9	104318.0	-7235.3	1120	9.2	111438.5	-7228.1
851	9.6	93749.5	-7207.8	941	9.9	101914.5	-7202.7	1031	9.9	104327.0	-7220.2	1121	9.2	111439.0	-7201.6
852	9.3	93802.5	-7244.6	942	9.9	101956.5	-7226.6	1032	9.9	104332.5	-7236.3	1122	9.9	111448.5	-7257.0
853	9.8	93932.8	-7257.9	943	9.4	101959.5	-7224.2	1033	9.8	104345.5	-7254.3	1123	9.7	111504.0	-7244.1
854	9.6	93933.5	-7249.8	944	9.7	102008.0	-7225.0	1034	9.8	104352.0	-7222.5	1124	7.3	111506.0	-7216.3
855	9.6	94001.5	-7248.8	945	9.9	102016.5	-7226.0	1035	9.7	104405.0	-7211.7	1125	9.0	111637.0	-7209.6
856	9.9	94003.5	-7244.3	946	9.9	102050.5	-7226.1	1036	9.0	104457.5	-7243.8	1126	8.2	111708.0	-7250.1
857	8.1	94037.5	-7259.7	947	9.9	102059.5	-7239.7	1037	9.9	104514.0	-7207.3	1127	9.4	111717.5	-7224.8
858	9.1	94101.5	-7201.6	948	9.9	102120.5	-7259.1	1038	9.3	104526.5	-7242.4	1128	9.1	111816.0	-7235.7
859	9.6	94215.5	-7250.8	949	9.5	102129.5	-7256.6	1039	9.4	104538.5	-7256.8	1129	8.8	112009.5	-7210.6
860	8.8	94237.5	-7243.7	950	9.5	102132.5	-7213.2	1040	9.8	104547.0	-7235.3	1130	7.0	112020.0	-7257.0
861	9.9	94247.5	-7229.0	951	9.6	102156.5	-7211.9	1041	9.8	104608.0	-7218.9	1131	9.4	112020.5	-7233.4
862	9.8	94317.3	-7254.6	952	9.0	102230.5	-7250.5	1042	9.5	104634.0	-7206.1	1132	9.7	112119.0	-7248.7
863	8.9	94319.5	-7231.7	953	9.8	102232.5	-7239.4	1043	9.8	104637.0	-7206.7	1133	9.2	112132.0	-7207.5
864	9.2	94331.0	-7212.6	954	9.9	102243.5	-7244.1	1044	9.6	104652.0	-7216.8	1134	9.6	112312.0	-7220.7
865	9.1	94336.5	-7239.8	955	9.7	102313.0	-7204.5	1045	9.6	104713.5	-7246.8	1135	8.2	112451.0	-7241.2
866	9.2	94434.7	-7233.7	956	9.9	102321.5	-7200.2	1046	9.7	104744.0	-7220.5	1136	9.4	112539.0	-7248.3
867	9.6	94452.0	-7215.7	957	9.9	102344.0	-7203.0	1047	9.7	104753.0	-7228.4	1137	9.4	112551.0	-7246.8
868	9.3	94520.5	-7259.9	958	9.4	102400.0	-7205.0	1048	9.8	104758.0	-7206.4	1138	9.5	112617.5	-7256.7
869	9.9	94758.5	-7236.0	959	8.1	102402.8	-7231.8	1049	9.8	104805.0	-7225.7	1139	9.1	112645.5	-7206.4
870	9.2	94815.5	-7239.1	960	9.8	102406.0	-7216.1	1050	9.8	104809.5	-7248.3	1140	9.8	112947.0	-7256.2
871	9.8	94817.5	-7225.6	961	8.5	102411.5	-7237.3	1051	9.9	104816.0	-7226.8	1141	9.6	112951.0	-7216.7
872	8.9	94819.5	-7244.8	962	9.7	102438.0	-7207.0	1052	8.5	104816.7	-7228.8	1142	9.1	113021.5	-7206.6
873	8.7	94855.5	-7238.1	963	9.9	102441.5	-7235.9	1053	9.7	104820.5	-7232.4	1143	8.4	113027.0	-7209.2

-72 1144 11h31m

-72 1503 14h03m

1144	8.9	113110.5	-7212.5	1234	9.5	121022.0	-7247.6	1324	9.0	124958.0	-7206.2	1414	9.9	132618.0	-7209.8
1145	7.7	113116.0	-7239.6	1235	9.6	121117.0	-7253.5	1325	9.8	125028.0	-7200.8	1415	9.9	132645.0	-7202.6
1146	9.6	113146.0	-7230.9	1236	9.5	121217.0	-7249.7	1326	9.3	125034.0	-7215.2	1416	9.4	132708.5	-7236.0
1147	9.3	113415.0	-7239.1	1237	9.4	121232.0	-7206.8	1327	9.6	125044.0	-7252.3	1417	9.9	132752.0	-7200.2
1148	9.6	113523.0	-7231.5	1238	8.1	121342.0	-7242.3	1328	9.8	125109.0	-7206.9	1418	9.7	132755.0	-7206.9
1149	9.3	113654.0	-7239.7	1239	8.4	121401.0	-7207.1	1329	9.4	125126.5	-7239.2	1419	9.0	132757.0	-7210.1
1150	9.0	113713.0	-7203.9	1240	6.8	121508.0	-7248.6	1330	9.6	125157.0	-7215.9	1420	8.9	132811.0	-7247.7
1151	9.1	113716.0	-7248.9	1241	9.6	121545.0	-7237.2	1331	9.3	125354.5	-7244.0	1421	9.6	132816.5	-7238.1
1152	9.2	113717.0	-7243.5	1242	9.3	121652.0	-7225.9	1332	9.8	125408.0	-7218.8	1422	9.2	132844.0	-7215.9
1153	9.1	113728.5	-7227.8	1243	9.3	121717.0	-7213.0	1333	9.6	125408.5	-7247.8	1423	9.4	132910.0	-7247.8
1154	9.3	113823.0	-7211.1	1244	9.5	121850.0	-7215.1	1334	8.2	125409.5	-7250.1	1424	9.9	132936.0	-7220.9
1155	9.6	113827.0	-7244.5	1245	9.2	121852.0	-7210.2	1335	8.9	125439.0	-7223.8	1425	9.3	132937.5	-7241.6
1156	8.4	113840.0	-7236.6	1246	9.6	121859.0	-7239.2	1336	9.6	125505.8	-7230.0	1426	9.4	133020.0	-7255.1
1157	8.3	113912.0	-7227.3	1247	9.6	122009.0	-7257.0	1337	9.6	125607.5	-7251.8	1427	9.4	133023.5	-7255.8
1158	7.3	114026.0	-7254.6	1248	9.3	122011.0	-7219.2	1338	8.8	125616.5	-7238.5	1428	8.7	133031.5	-7254.9
1159	9.5	114034.5	-7258.7	1249	9.6	122014.5	-7258.2	1339	9.4	125653.7	-7225.4	1429	9.7	133100.0	-7222.3
1160	9.5	114049.0	-7231.0	1250	9.2	122045.0	-7222.7	1340	9.2	125656.5	-7243.4	1430	9.3	133100.5	-7227.5
1161	9.6	114056.0	-7234.0	1251	9.3	122102.0	-7231.6	1341	9.0	125714.0	-7207.8	1431	9.1	133113.0	-7204.4
1162	8.2	114231.0	-7247.1	1252	9.4	122121.0	-7219.8	1342	9.0	125741.5	-7243.5	1432	9.6	133133.0	-7237.6
1163	9.6	114324.0	-7247.3	1253	9.4	122147.5	-7220.7	1343	8.0	125744.0	-7207.7	1433	9.6	133139.0	-7241.5
1164	9.2	114349.0	-7236.4	1254	9.3	122207.0	-7241.4	1344	7.1	125840.5	-7254.9	1434	9.3	133143.0	-7236.1
1165	7.7	114445.0	-7250.2	1255	9.4	122212.0	-7219.4	1345	8.9	125924.0	-7224.1	1435	9.9	133154.0	-7225.8
1166	9.6	114452.0	-7205.7	1256	8.0	122252.5	-7217.6	1346	9.8	125934.0	-7220.0	1436	9.6	133244.0	-7244.1
1167	9.3	114514.0	-7251.3	1257	9.8	122310.0	-7209.1	1347	9.8	125939.0	-7205.8	1437	9.5	133324.0	-7212.4
1168	9.2	114516.0	-7221.9	1258	8.3	122315.5	-7223.8	1348	9.8	125944.0	-7206.4	1438	8.4	133331.3	-7221.4
1169	9.6	114550.5	-7259.3	1259	9.8	122324.0	-7220.8	1349	8.9	125948.0	-7209.1	1439	9.8	133344.0	-7227.2
1170	9.6	114627.0	-7226.2	1260	9.6	122344.0	-7251.1	1350	9.5	130050.0	-7210.6	1440	9.6	133443.0	-7243.9
1171	9.0	114628.0	-7205.4	1261	7.9	122438.5	-7218.6	1351	9.8	130114.0	-7200.8	1441	9.6	133451.0	-7245.3
1172	9.6	114723.0	-7213.9	1262	9.6	122441.0	-7257.5	1352	9.2	130154.5	-7241.1	1442	9.1	133453.0	-7244.8
1173	8.5	114745.0	-7243.9	1263	9.8	122448.0	-7222.8	1353	9.8	130159.0	-7222.8	1443	9.7	133518.0	-7211.8
1174	9.6	114806.0	-7234.9	1264	9.6	122500.0	-7252.9	1354	9.8	130231.0	-7200.2	1444	9.9	133537.0	-7228.2
1175	9.4	114807.0	-7206.3	1265	9.6	122501.0	-7229.0	1355	9.5	130239.0	-7200.0	1445	9.8	133540.0	-7200.3
1176	9.4	114857.0	-7205.9	1266	7.8	122505.5	-7258.0	1356	9.6	130259.5	-7242.0	1446	9.6	133542.0	-7257.9
1177	9.2	114920.0	-7248.8	1267	9.6	122513.0	-7259.4	1357	8.6	130317.2	-7257.0	1447	9.4	133715.0	-7229.3
1178	9.3	114951.0	-7229.0	1268	9.4	122529.5	-7215.2	1358	9.2	130318.5	-7209.8	1448	9.3	133755.0	-7256.0
1179	9.3	115017.5	-7234.7	1269	9.5	122608.0	-7206.5	1359	9.6	130326.5	-7226.6	1449	9.4	133854.0	-7242.0
1180	9.3	115018.0	-7220.9	1270	9.8	122618.5	-7229.8	1360	9.6	130424.7	-7225.7	1450	9.7	133920.0	-7212.7
1181	9.2	115022.0	-7215.9	1271	7.8	122625.0	-7248.5	1361	9.6	130506.5	-7244.9	1451	9.8	133924.0	-7221.2
1182	9.6	115159.0	-7226.0	1272	9.6	122626.5	-7257.9	1362	9.2	130516.7	-7223.8	1452	6.8	134100.5	-7231.1
1183	9.6	115219.0	-7255.2	1273	9.8	122634.0	-7222.8	1363	8.1	130523.8	-7259.3	1453	9.6	134142.0	-7258.9
1184	9.2	115247.0	-7244.0	1274	9.0	122722.0	-7248.2	1364	8.0	130534.5	-7248.9	1454	9.7	134208.5	-7228.9
1185	9.5	115326.0	-7231.6	1275	7.8	122741.0	-7201.7	1365	9.6	130549.0	-7257.7	1455	7.0	134236.0	-7238.8
1186	9.6	115332.5	-7259.6	1276	9.8	122748.5	-7205.6	1366	8.9	130617.5	-7238.0	1456	9.6	134246.0	-7250.1
1187	9.6	115348.0	-7250.2	1277	9.3	122750.5	-7247.5	1367	9.9	130743.0	-7206.9	1457	9.9	134432.0	-7220.3
1188	9.6	115400.0	-7254.2	1278	9.7	122802.5	-7205.8	1368	9.7	130747.0	-7205.9	1458	9.7	134443.5	-7226.4
1189	9.3	115420.0	-7226.2	1279	9.5	122826.0	-7231.9	1369	9.9	130805.0	-7207.8	1459	9.1	134447.0	-7206.9
1190	9.5	115445.0	-7233.9	1280	9.6	122832.0	-7235.6	1370	9.9	130806.0	-7214.7	1460	9.8	134455.0	-7216.3
1191	9.3	115452.0	-7244.7	1281	9.1	122843.0	-7246.7	1371	9.3	130816.0	-7232.8	1461	9.6	134503.0	-7234.3
1192	9.2	115509.0	-7202.7	1282	9.8	122851.5	-7221.5	1372	6.8	130844.5	-7240.9	1462	9.2	134601.0	-7241.3
1193	9.5	115524.0	-7235.1	1283	9.8	122909.5	-7221.0	1373	9.0	130848.0	-7217.4	1463	9.1	134612.0	-7239.9
1194	6.7	115531.0	-7236.1	1284	8.5	123006.5	-7240.4	1374	9.9	131006.0	-7222.9	1464	9.4	134616.0	-7252.6
1195	9.0	115542.0	-7247.6	1285	9.6	123021.0	-7239.1	1375	9.9	131011.0	-7222.8	1465	9.7	134729.0	-7217.5
1196	9.3	115653.0	-7257.9	1286	9.8	123051.5	-7217.0	1376	9.5	131013.9	-7230.1	1466	9.9	134932.0	-7213.8
1197	8.2	115754.0	-7254.7	1287	9.4	123102.5	-7218.9	1377	9.4	131058.5	-7257.4	1467	9.4	134945.0	-7235.0
1198	9.4	115801.0	-7216.9	1288	9.8	123112.0	-7226.8	1378	9.9	131108.5	-7225.5	1468	8.5	134949.0	-7258.2
1199	9.6	115815.0	-7258.0	1289	9.8	123129.5	-7202.2	1379	9.4	131135.8	-7231.6	1469	9.2	134955.0	-7251.7
1200	9.6	115821.5	-7257.4	1290	9.4	123139.5	-7250.4	1380	7.9	131143.5	-7237.1	1470	9.4	134957.0	-7218.9
1201	9.3	115825.0	-7210.5	1291	9.4	123150.0	-7243.2	1381	9.9	131245.0	-7211.6	1471	9.3	135016.5	-7201.9
1202	9.6	115835.0	-7241.1	1292	8.2	123514.5	-7206.2	1382	8.9	131303.5	-7247.9	1472	9.3	135103.5	-7218.0
1203	9.4	115912.0	-7219.9	1293	9.6	123541.5	-7246.3	1383	9.4	131327.0	-7257.3	1473	9.8	135113.5	-7205.3
1204	7.8	115941.0	-7251.6	1294	9.8	123545.5	-7226.2	1384	9.9	131349.0	-7212.0	1474	9.5	135113.5	-7211.6
1205	7.8	120018.0	-7222.5	1295	9.6	123617.5	-7243.8	1385	9.9	131417.0	-7221.8	1475	9.6	135134.0	-7244.7
1206	9.3	120035.0	-7249.1	1296	8.2	123622.5	-7206.9	1386	9.6	131441.5	-7230.9	1476	9.6	135136.0	-7245.3
1207	9.5	120046.0	-7256.3	1297	9.6	123623.5	-7255.5	1387	9.4	131444.0	-7209.8	1477	9.7	135143.5	-7212.2
1208	9.3	120126.5	-7232.9	1298	9.8	123710.5	-7212.8	1388	9.9	131500.0	-7203.8	1478	9.2	135151.0	-7243.6
1209	9.6	120235.0	-7239.1	1299	9.1	123713.5	-7253.1	1389	9.6	131509.0	-7225.7	1479	9.3	135200.0	-7242.1
1210	9.5	120249.0	-7233.1	1300	9.5	123824.5	-7204.7	1390	9.8	131534.0	-7224.2	1480	9.6	135228.0	-7246.9
1211	9.6	120314.0	-7226.1	1301	9.8	123839.0	-7226.4	1391	9.3	131539.0	-7204.4	1481	9.6	135230.0	-7252.0
1212	9.6	120331.0	-7237.9	1302	9.6	123847.5	-7208.6	1392	9.9	131559.0	-7214.8	1482	9.6	135240.0	-7239.8
1213	9.5	120353.0	-7241.4	1303	8.5	123849.0	-7258.2	1393	9.5	131600.0	-7227.6	1483	9.3	135258.5	-7230.6
1214	9.5	120414.0	-7245.7	1304	9.8	123905.5	-7210.1	1394	9.9	131639.0	-7210.8	1484	9.2	135320.0	-7236.8
1215	9.3	120443.0	-7209.5	1305	9.4	123919.5	-7242.2	1395	9.3	131650.5	-7241.0	1485	9.9	135412.0	-7216.0
1216	9.2	120509.0	-7206.6	1306	8.9	123940.5	-7237.1	1396	9.9	131738.0	-7201.8	1486	9.7	135508.5	-7229.9
1217	9.3	120513.0	-7224.6	1307	9.8	123957.0	-7225.2	1397	9.5	131750.5	-7201.7	1487	9.9	135512.0	-7221.3
1218	9.2	120542.5	-7232.4	1308	9.0	124017.8	-7202.0	1398	9.6	131750.5	-7250.3	1488	8.5	135537.0	-7237.1
1219	9.2	120543.5	-7231.6	1309	9.0	124019.5	-7207.1	1399	9.7	131759.0	-7204.8	1489	8.9	135637.5	-7230.3
1220	9.6	120550.0	-7254.5	1310	9.6	124028.5	-7252.5	1400	9.6	131800.5	-7248.9	1490	9.6	135643.0	-7256.6
1221	9.4	120551.5	-7202.0	1311	9.6	124034.2	-7258.3	1401	9.9	131810.0	-7207.4	1491	9.1	135732.0	-7248.5
1222	9.5	120609.5	-7257.5	1312	9.8	124034.5	-7204.8	1402	9.3	131833.0	-7223.5	1492	9.2	135855.5	-7232.7
1223	9.0	120623.5	-7256.9	1313	9.8	124056.0	-7218.6	1403	9.8	131853.0	-7221.8	1493	9.0	135932.0	-7230.5
1224	9.0	120644.0	-7253.4	1314	9.3	124105.0	-7209.6	1404	9.4	131933.5	-7242.6	1494	9.2	135938.0	-7208.2
1225	9.4	120653.0	-7226.6	1315	9.6	124106.5	-7242.2	1405	9.7	132119.0	-7222.3	1495	8.8	140015.2	-7201.4
1226	9.6	120654.0	-7255.2	1316	8.6	124155.5	-7243.4	1406	9.9	132151.0	-7212.1	1496	9.2	140028.0	-7245.5
1227	9.5	120655.0	-7236.2	1317	9.6	124214.5	-7240.2	1407	9.9	132213.0	-7220.8	1497	9.3	140044.0	-7205.1
1228	9.6	120713.0	-7229.2	1318	9.6	124350.5	-7245.0	1408	9.6	132349.5	-7250.0	1498	9.6	140056.0	-7241.1
1229	9.5	120806.0	-7204.7	1319	9.3	124610.5	-7254.1	1409	9.9	132354.0	-7217.8	1499	9.4	140157.0	-7250.0
1230	9.6	120813.0	-7245.5	1320	8.3	124727.0	-7221.1	1410	9.2	132418.5	-7253.9	1500	9.6	140204.0	-7244.0
1231	9.4	120816.0	-7214.4	1321	9.6	124835.5	-7245.2	1411	9.9	132433.0	-7213.4	1501	9.6	140229.0	-7225.3
1232	8.1	120823.5	-7221.9	1322	9.6	124838.0	-7208.8	1412	9.6	132514.0	-7257.0	1502	8.4	140318.0	-7254.8
1233	7.8	121010.0	-7250.2	1323	8.5	124900.5	-7253.3	1413	6.5	132603.5	-7241.1	1503	8.6	140337.5	-7237.1

-72 1504 14h03m

-72 1863 15h32m

1504	9.2	140340.0	-7200.3	1594	9.2	143914.8	-7256.5	1684	10.0	145505.3	-7239.8
1505	9.0	140435.0	-7211.2	1595	9.5	143929.7	-7252.6	1685	9.5	145517.1	-7251.4
1506	8.8	140444.0	-7224.5	1596	10.0	143931.8	-7244.8	1686	9.6	145520.7	-7255.6
1507	9.4	140447.0	-7230.3	1597	9.4	143950.0	-7234.9	1687	9.6	145522.7	-7246.1
1508	8.8	140509.0	-7201.8	1598	9.4	143950.3	-7224.3	1688	9.6	145536.0	-7202.8
1509	9.3	140543.0	-7216.3	1599	9.4	143953.1	-7235.1	1689	9.8	145541.9	-7255.6
1510	9.6	140811.0	-7253.2	1600	9.9	144015.7	-7250.0	1690	9.3	145604.6	-7226.2
1511	8.7	140838.0	-7250.1	1601	9.5	144026.1	-7222.2	1691	9.2	145606.5	-7225.5
1512	9.6	140917.7	-7201.3	1602	9.4	144030.0	-7236.8	1692	9.5	145636.0	-7204.8
1513	9.4	140932.0	-7247.1	1603	9.6	144045.2	-7230.0	1693	9.4	145637.4	-7227.2
1514	9.6	141005.0	-7240.7	1604	7.1	144046.8	-7240.1	1694	9.5	145642.8	-7250.6
1515	9.2	141014.0	-7244.1	1605	9.2	144047.6	-7219.6	1695	9.9	145657.4	-7237.3
1516	8.4	141024.0	-7247.0	1606	9.0	144140.1	-7207.9	1696	9.9	145709.9	-7250.0
1517	8.4	141046.5	-7233.4	1607	9.6	144140.6	-7211.0	1697	9.1	145718.0	-7218.9
1518	9.6	141051.0	-7238.4	1608	10.0	144201.2	-7256.0	1698	10.0	145724.7	-7258.4
1519	7.5	141102.7	-7258.9	1609	9.0	144210.1	-7215.5	1699	9.6	145728.1	-7226.6
1520	9.4	141154.0	-7229.4	1610	9.8	144213.6	-7216.2	1700	9.8	145732.6	-7229.5
1521	9.4	141212.7	-7257.6	1611	9.7	144224.1	-7218.2	1701	9.9	145746.8	-7253.0
1522	9.2	141216.0	-7213.9	1612	9.6	144228.3	-7230.7	1702	9.7	145805.5	-7214.9
1523	9.4	141253.0	-7249.4	1613	8.5	144240.8	-7200.3	1703	8.5	145812.2	-7239.4
1524	9.3	141304.0	-7254.0	1614	9.9	144306.0	-7247.9	1704	8.0	145824.4	-7256.8
1525	9.2	141325.0	-7237.0	1615	9.6	144308.1	-7221.9	1705	9.2	145825.9	-7250.0
1526	8.3	141356.7	-7203.0	1616	7.8	144318.8	-7239.1	1706	9.7	145829.1	-7242.6
1527	8.6	141442.0	-7247.9	1617	9.2	144334.3	-7242.5	1707	8.2	145837.3	-7240.1
1528	9.4	141450.7	-7258.6	1618	9.2	144336.1	-7222.6	1708	8.8	145842.7	-7232.6
1529	8.8	141628.5	-7237.0	1619	8.9	144351.3	-7232.4	1709	9.5	145903.1	-7220.8
1530	9.1	141805.0	-7252.6	1620	9.2	144402.6	-7215.6	1710	9.3	145911.6	-7208.1
1531	9.6	141906.0	-7221.5	1621	9.5	144429.1	-7223.9	1711	9.6	145914.5	-7254.7
1532	9.2	142001.0	-7212.1	1622	9.9	144430.5	-7246.4	1712	9.9	145921.5	-7249.1
1533	8.8	142009.5	-7231.2	1623	9.6	144452.5	-7253.6	1713	9.6	145942.6	-7225.2
1534	9.0	142021.0	-7221.8	1624	10.0	144456.0	-7241.4	1714	6.4	145944.6	-7217.4
1535	9.1	142048.0	-7214.9	1625	10.0	144504.8	-7249.9	1715	9.8	145945.8	-7248.6
1536	9.4	142119.0	-7214.9	1626	9.3	144512.1	-7222.7	1716	9.8	145951.5	-7253.8
1537	9.6	142154.0	-7254.3	1627	9.4	144548.8	-7232.4	1717	8.5	145954.6	-7223.9
1538	9.4	142158.0	-7226.7	1628	8.9	144603.8	-7229.5	1718	9.5	150020.6	-7211.0
1539	9.1	142209.7	-7200.4	1629	9.7	144604.1	-7204.7	1719	8.6	150040.6	-7223.7
1540	9.4	142232.5	-7225.4	1630	9.7	144618.0	-7250.0	1720	10.0	150120.8	-7242.7
1541	9.2	142240.0	-7225.6	1631	8.8	144632.3	-7239.3	1721	8.8	150121.0	-7257.4
1542	8.8	142304.5	-7258.7	1632	10.0	144641.7	-7258.3	1722	9.6	150123.7	-7228.9
1543	9.0	142336.5	-7229.8	1633	9.0	144704.3	-7201.7	1723	9.6	150136.9	-7227.2
1544	9.4	142625.4	-7255.4	1634	9.6	144714.6	-7206.9	1724	10.0	150230.7	-7255.6
1545	10.0	142653.3	-7257.6	1635	9.8	144743.6	-7209.3	1725	9.8	150235.0	-7242.4
1546	10.0	142704.3	-7239.2	1636	10.0	144746.3	-7259.3	1726	9.7	150326.5	-7200.3
1547	9.6	142722.3	-7232.3	1637	8.1	144747.0	-7245.8	1727	10.0	150352.8	-7252.4
1548	8.8	142738.3	-7240.8	1638	9.5	144747.3	-7239.1	1728	9.8	150354.6	-7221.0
1549	9.5	142755.4	-7233.9	1639	9.5	144756.1	-7205.1	1729	9.4	150406.0	-7237.7
1550	9.8	142845.8	-7225.5	1640	9.7	144757.1	-7208.9	1730	10.0	150417.8	-7245.7
1551	9.1	142847.0	-7207.9	1641	9.6	144808.8	-7200.8	1731	10.0	150425.8	-7250.5
1552	8.8	142847.2	-7227.3	1642	9.8	144822.0	-7231.0	1732	10.0	150430.0	-7258.6
1553	10.0	142855.8	-7253.2	1643	9.5	144826.5	-7249.5	1733	9.8	150438.1	-7228.7
1554	10.0	142921.3	-7253.8	1644	8.1	144839.1	-7212.9	1734	9.7	150447.8	-7201.7
1555	10.0	142935.3	-7239.1	1645	8.4	144840.3	-7249.7	1735	10.0	150450.8	-7254.4
1556	9.3	142940.0	-7219.8	1646	9.2	144858.1	-7214.9	1736	9.0	150518.6	-7205.2
1557	10.0	143008.3	-7237.2	1647	9.5	144859.6	-7204.1	1737	9.0	150526.1	-7212.8
1558	9.5	143047.3	-7223.1	1648	9.6	144908.0	-7236.5	1738	9.2	150536.1	-7214.2
1559	9.4	143126.8	-7235.9	1649	9.7	144928.1	-7202.5	1739	9.4	150601.6	-7215.2
1560	10.0	143210.8	-7242.2	1650	9.7	144944.8	-7201.2	1740	10.0	150613.0	-7258.2
1561	10.0	143227.6	-7258.2	1651	9.5	145001.6	-7215.1	1741	9.2	150619.3	-7233.2
1562	8.8	143245.3	-7250.3	1652	9.8	145003.6	-7216.8	1742	9.4	150640.2	-7250.6
1563	9.0	143255.9	-7228.6	1653	9.8	145018.6	-7235.2	1743	9.8	150644.2	-7242.3
1564	9.8	143353.8	-7244.1	1654	10.0	145034.0	-7240.4	1744	10.0	150650.2	-7243.1
1565	10.0	143354.8	-7256.6	1655	9.0	145058.1	-7215.5	1745	9.8	150653.4	-7208.6
1566	9.8	143413.8	-7224.8	1656	9.6	145111.1	-7223.3	1746	10.0	150702.8	-7241.2
1567	10.0	143419.3	-7250.7	1657	9.5	145116.5	-7232.1	1747	10.0	150710.3	-7246.2
1568	9.9	143432.2	-7258.6	1658	8.7	145120.5	-7232.5	1748	9.8	150714.7	-7250.2
1569	9.9	143434.8	-7237.2	1659	9.5	145125.0	-7203.8	1749	9.6	150733.3	-7229.7
1570	10.0	143442.3	-7233.7	1660	10.0	145133.3	-7236.1	1750	9.6	150735.0	-7235.6
1571	9.3	143445.8	-7257.1	1661	10.0	145133.8	-7251.0	1751	10.0	150757.8	-7258.8
1572	9.8	143448.9	-7257.0	1662	9.3	145204.5	-7206.8	1752	9.4	150812.7	-7212.4
1573	10.0	143454.8	-7233.8	1663	8.8	145222.1	-7240.6	1753	9.0	150819.7	-7217.4
1574	9.6	143508.3	-7232.6	1664	9.4	145225.9	-7243.2	1754	9.5	150833.3	-7257.8
1575	8.7	143528.7	-7239.9	1665	9.4	145245.1	-7256.5	1755	10.0	150844.3	-7251.8
1576	9.8	143533.3	-7217.3	1666	9.3	145250.0	-7220.8	1756	9.0	150849.0	-7248.0
1577	9.9	143538.3	-7244.4	1667	9.4	145308.5	-7220.8	1757	9.8	150855.7	-7226.5
1578	9.6	143550.3	-7203.3	1668	9.3	145327.0	-7223.7	1758	9.7	150857.7	-7207.0
1579	9.5	143555.2	-7224.8	1669	9.3	145329.0	-7206.7	1759	9.8	150924.0	-7228.9
1580	9.6	143555.6	-7214.6	1670	9.4	145332.3	-7250.9	1760	9.6	150933.0	-7236.7
1581	8.9	143605.8	-7213.9	1671	10.0	145342.2	-7252.7	1761	9.4	150949.2	-7228.6
1582	10.0	143607.8	-7242.2	1672	9.4	145343.5	-7225.5	1762	9.5	150958.5	-7233.7
1583	9.3	143611.1	-7225.3	1673	10.0	145343.9	-7253.9	1763	9.8	151016.8	-7200.4
1584	9.4	143632.7	-7233.6	1674	10.0	145350.7	-7254.6	1764	9.8	151024.8	-7236.5
1585	10.0	143634.8	-7258.8	1675	9.5	145353.6	-7259.2	1765	9.8	151042.7	-7234.4
1586	9.4	143653.0	-7253.6	1676	10.0	145358.3	-7250.4	1766	9.0	151043.8	-7201.4
1587	9.5	143713.5	-7247.0	1677	8.9	145403.8	-7234.4	1767	10.0	151051.3	-7253.1
1588	9.8	143751.3	-7205.4	1678	9.8	145417.7	-7245.5	1768	9.8	151054.7	-7216.1
1589	9.8	143811.6	-7218.4	1679	9.3	145435.5	-7208.8	1769	9.4	151121.8	-7242.6
1590	9.4	143828.5	-7241.4	1680	9.2	145436.9	-7203.0	1770	9.2	151130.5	-7239.7
1591	9.6	143834.1	-7229.0	1681	10.0	145439.3	-7234.4	1771	9.5	151148.7	-7206.4
1592	9.9	143854.0	-7241.4	1682	9.7	145445.5	-7226.8	1772	9.8	151157.8	-7256.9
1593	9.5	143912.5	-7235.5	1683	8.8	145457.7	-7245.4	1773	9.4	151208.8	-7249.8
1774	9.2	151209.3	-7254.8								
1775	9.4	151242.5	-7247.8								
1776	10.0	151251.7	-7258.6								
1777	9.8	151252.2	-7245.1								
1778	10.0	151254.8	-7246.3								
1779	9.8	151258.5	-7238.6								
1780	10.0	151313.5	-7235.3								
1781	10.0	151324.8	-7245.0								
1782	9.0	151328.2	-7206.5								
1783	10.0	151332.5	-7249.3								
1784	9.5	151342.8	-7259.6								
1785	9.8	151347.5	-7242.0								
1786	8.8	151400.0	-7245.9								
1787	9.8	151408.7	-7207.6								
1788	9.8	151409.7	-7244.5								
1789	9.4	151415.2	-7210.6								
1790	8.4	151427.2	-7223.0								
1791	9.4	151459.7	-7217.9								
1792	10.0	151516.3	-7233.0								
1793	9.8	151540.1	-7207.0								
1794	8.8	151548.7	-7243.8								
1795	9.4	151555.6	-7206.8								
1796	9.0	151610.1	-7204.2								
1797	10.0	151624.6	-7257.5								
1798	9.6	151626.7	-7257.3								
1799	9.7	151639.6	-7212.4								
1800	9.4	151714.9	-7247.5								
1801	9.8	151716.2	-7254.0								
1802	6.0	151755.3	-7257.2								
1803	9.8	151800.1	-7202.5								
1804	10.0	151826.0	-7249.8								
1805	8.9	151829.0	-7254.8								
1806	9.9	151845.5	-7254.5								
1807	9.1	151852.8	-7204.7								
1808	9.7	151911.8	-7236.3								
1809	9.6	151919.6	-7224.3								
1810	8.4	151926.8	-7210.0								
1811	10.0	151942.8	-7224.7								
1812	9.6	152013.6	-7203.7								
1813	9.7	152017.6	-7206.7								
1814	9.8	152050.3	-7259.4								
1815	8.7	152056.5	-7251.1								
1816	8.2	152058.1	-7220.8								
1817	9.3	152126.0	-7244.3								
1818	10.0	152232.1	-7258.6								
1819	9.5	152232.6	-7220.5								
1820	7.6	152246.1	-7224.8								
1821	9.4	152247.6	-7212.4								
1822	9.7	152325.1	-7213.8								
1823	9.5	152330.2	-7253.8								
1824	9.4	152330.8	-7233.6								
1825	10.0	152403.3	-7232.9								
1826	9.8	152406.1	-7204.5								
1827	8.9	152411.6	-7214.5								
1828	9.0	152433.2	-7222.0								
1829	8.8	152436.3	-7242.7								
1830	9.2	152443.6	-7216.1								
1831	10.0	152446.7	-7259.0								
1832	9.5	152500.1	-7257.1								
1833	9.0	152500.3	-7245.4								
1834	8.4	152516.8	-7245.6								
1835	10.0	152523.3	-7257.3								
1836	10.0	152531.3	-7243.9								
1837	10.0	152539.3	-7251.9								
1838	9.2	152545.5	-7226.9								
1839	10.0	152601.3	-7255.4								
1840	9.5	152605.3	-7254.9								
1841	9.6	152621.8	-7226.0								
1842	9.5	152644.5	-7202.8								
1843	8.7	152701.5	-7221.5								
1844	9.7	152708.3	-7251.7								
1845	8.9	152751.3	-7231.2								
1846	9.8	152807.3	-7249.0								
1847	9.4	152822.0	-7221.9								
1848	8.9	152825.5	-7202.4								
1849	9.3	152830.1	-7246.7								
1850	8.9	152831.2	-7234.3								
1851	9.4	152902.0	-7207.8								
1852	9.5	152912.0	-7220.1								
1853	9.7	152926.3	-7255.9								
1854	9.6	152950.0	-7207.4								
1855	10.0	153003.3	-7256.2								
1856	8.8	153023.6	-7259.8								
1857	9.5	153033.8	-7246.9								
1858	9.5	153038.0	-7203.8								
1859	8.8	153106.4	-7244.7								
1860	9.7	153205.6	-7231.1								
1861	9.4	153207.6	-7241.5								
1862	9.4	153222.8	-7255.9								
1863	10.0	153227.3	-7226.9								

1864	8.8	153234.4	-7240.5	1954	9.7	161621.0	-7231.8	2044	9.4	165851.0	-7242.9	2134	8.8	174230.8	-7216.1
1865	9.4	153243.8	-7236.5	1955	9.0	161808.5	-7207.3	2045	8.8	165933.0	-7217.9	2135	9.5	174239.0	-7237.5
1866	10.0	153308.8	-7237.1	1956	8.8	161936.0	-7253.2	2046	9.3	170106.0	-7254.9	2136	9.8	174240.5	-7223.0
1867	10.0	153321.3	-7230.3	1957	10.0	161944.0	-7209.0	2047	8.6	170116.5	-7223.9	2137	9.8	174249.5	-7229.9
1868	8.3	153335.5	-7202.8	1958	8.6	161950.0	-7238.3	2048	9.4	170128.0	-7241.7	2138	9.6	174259.5	-7234.9
1869	9.6	153353.0	-7217.0	1959	9.8	162035.0	-7214.0	2049	9.8	170204.0	-7202.1	2139	8.2	174426.0	-7209.2
1870	9.4	153402.0	-7217.0	1960	10.1	162140.0	-7220.2	2050	8.8	170320.0	-7231.9	2140	9.8	174426.5	-7218.8
1871	8.6	153426.8	-7230.8	1961	9.5	162229.0	-7233.4	2051	9.8	170422.0	-7220.0	2141	9.8	174443.0	-7240.8
1872	9.0	153537.9	-7234.5	1962	10.0	162255.0	-7213.3	2052	9.3	170443.0	-7236.6	2142	9.1	174447.0	-7229.2
1873	8.2	153552.5	-7220.5	1963	9.5	162322.0	-7238.7	2053	9.2	170443.5	-7224.1	2143	9.8	174508.0	-7243.8
1874	9.3	153650.0	-7226.5	1964	10.0	162334.0	-7229.1	2054	8.9	170509.0	-7249.5	2144	9.8	174523.0	-7235.2
1875	9.5	153751.0	-7200.1	1965	9.0	162402.5	-7233.5	2055	9.8	170815.5	-7220.7	2145	9.2	174546.0	-7210.8
1876	9.4	153826.0	-7206.0	1966	9.5	162501.0	-7246.1	2056	9.4	170956.0	-7251.9	2146	9.3	174549.0	-7223.3
1877	9.5	153836.0	-7222.5	1967	9.2	162542.0	-7211.5	2057	9.2	170957.0	-7256.7	2147	9.2	174550.0	-7203.8
1878	9.4	153838.0	-7205.3	1968	9.4	162551.5	-7257.6	2058	9.4	171228.0	-7221.7	2148	9.8	174558.5	-7254.3
1879	8.1	153841.5	-7257.1	1969	9.4	162555.0	-7210.1	2059	9.1	171309.0	-7206.1	2149	9.8	174625.0	-7236.7
1880	9.6	153901.5	-7226.2	1970	10.0	162608.0	-7200.7	2060	8.5	171343.7	-7228.7	2150	9.3	174644.5	-7226.9
1881	9.5	153911.0	-7207.0	1971	7.5	162620.5	-7202.7	2061	8.5	171546.0	-7214.1	2151	9.5	174722.7	-7205.7
1882	8.8	153938.0	-7257.2	1972	10.1	162723.5	-7200.1	2062	9.8	171551.0	-7208.9	2152	9.5	174722.7	-7250.2
1883	9.0	154049.5	-7200.2	1973	9.3	162729.0	-7253.4	2063	9.8	171602.5	-7224.9	2153	9.4	174729.7	-7215.6
1884	8.0	154058.5	-7214.9	1974	9.2	162804.0	-7212.8	2064	8.4	171626.5	-7250.0	2154	9.6	174754.2	-7216.8
1885	8.8	154234.5	-7225.5	1975	9.8	162815.0	-7220.3	2065	9.1	171655.5	-7251.6	2155	9.6	174758.2	-7213.6
1886	9.2	154303.0	-7244.3	1976	9.3	162825.0	-7238.4	2066	8.7	171719.8	-7234.5	2156	8.8	174804.2	-7205.8
1887	9.3	154359.0	-7251.0	1977	9.8	162825.0	-7217.2	2067	8.5	171827.0	-7204.5	2157	9.5	174827.2	-7236.7
1888	7.8	154422.0	-7246.6	1978	9.1	162902.0	-7258.9	2068	9.3	172020.5	-7252.9	2158	9.4	174832.2	-7245.0
1889	9.2	154434.0	-7252.3	1979	8.6	162953.0	-7212.3	2069	9.0	172026.0	-7214.5	2159	9.0	174836.7	-7227.6
1890	9.0	154529.5	-7202.5	1980	10.0	163058.0	-7216.8	2070	9.2	172034.5	-7245.8	2160	9.6	174846.2	-7234.3
1891	9.5	154543.0	-7242.0	1981	8.8	163219.0	-7204.3	2071	7.8	172105.0	-7212.8	2161	9.2	174847.2	-7258.6
1892	9.0	154551.0	-7248.6	1982	10.0	163231.0	-7208.0	2072	9.0	172134.0	-7216.6	2162	9.6	174847.2	-7242.6
1893	9.5	154610.0	-7231.3	1983	9.3	163253.0	-7238.9	2073	9.3	172202.5	-7248.7	2163	9.8	174853.2	-7227.7
1894	8.2	154658.0	-7205.9	1984	10.0	163255.0	-7200.1	2074	8.8	172252.5	-7238.2	2164	9.4	174904.2	-7218.2
1895	9.0	154737.0	-7241.6	1985	9.2	163338.5	-7211.5	2075	8.5	172257.5	-7257.9	2165	9.8	174912.2	-7203.0
1896	9.0	154854.5	-7224.3	1986	9.0	163348.0	-7236.0	2076D	9.8	172320.0	-7232.1	2166	7.8	174920.6	-7256.6
1897	9.5	155005.5	-7244.9	1987	9.4	163409.0	-7204.5	2077	9.4	172343.5	-7225.5	2167	9.6	174935.2	-7249.7
1898	9.4	155045.0	-7249.1	1988	9.3	163424.0	-7234.0	2078	9.0	172351.5	-7244.5	2168	8.5	174939.3	-7221.3
1899	8.9	155048.0	-7213.5	1989	9.6	163448.0	-7204.2	2079	7.8	172352.0	-7202.7	2169	9.6	174940.2	-7242.9
1900	8.2	155122.5	-7230.2	1990	9.2	163453.0	-7252.8	2080	9.4	172403.0	-7221.7	2170	8.7	174954.3	-7236.3
1901	9.5	155153.0	-7221.2	1991	9.1	163546.0	-7231.4	2081	9.8	172445.5	-7203.2	2171	9.8	175027.7	-7231.4
1902	7.6	155202.5	-7203.2	1992	9.1	163613.0	-7240.5	2082	8.9	172553.0	-7236.8	2172	9.4	175133.2	-7207.3
1903	8.5	155242.0	-7222.0	1993	10.1	163645.0	-7219.0	2083	8.9	172614.5	-7233.0	2173	9.3	175202.7	-7225.4
1904	8.3	155526.0	-7206.5	1994	9.0	163715.0	-7204.0	2084	9.4	172623.0	-7221.5	2174	9.8	175204.3	-7219.5
1905	9.1	155545.0	-7246.8	1995	9.8	163740.0	-7218.7	2085	8.6	172830.0	-7259.5	2175	9.6	175213.8	-7219.4
1906	8.7	155551.0	-7241.1	1996	9.6	163800.0	-7203.5	2086	6.7	172918.0	-7209.2	2176	8.8	175314.8	-7220.8
1907	9.2	155618.0	-7214.0	1997	8.7	163817.0	-7258.4	2087	8.8	172942.5	-7243.2	2177	9.5	175337.3	-7257.2
1908	9.3	155619.5	-7232.9	1998	9.2	163820.5	-7225.4	2088	9.8	172958.0	-7227.0	2178	9.8	175406.3	-7223.2
1909	9.6	155633.0	-7218.7	1999	8.6	163927.0	-7253.7	2089	9.1	173014.0	-7205.5	2179	9.5	175410.8	-7210.4
1910	9.6	155647.0	-7216.7	2000	8.5	164007.0	-7253.9	2090	8.9	173100.0	-7245.4	2180	8.9	175426.4	-7241.5
1911	9.4	155722.0	-7253.4	2001	9.2	164008.0	-7248.6	2091	9.4	173117.0	-7207.9	2181	8.8	175430.1	-7224.9
1912	9.1	155817.0	-7242.7	2002	8.5	164040.0	-7236.8	2092	9.3	173204.0	-7251.5	2182	9.6	175440.8	-7232.8
1913	9.0	155930.0	-7223.5	2003	9.0	164100.0	-7258.9	2093	9.8	173208.3	-7226.6	2183	9.8	175516.8	-7241.4
1914	9.4	155959.1	-7253.6	2004	10.1	164215.0	-7227.1	2094	9.1	173311.7	-7230.7	2184	8.7	175523.8	-7202.8
1915	9.6	160018.1	-7216.1	2005	9.4	164242.0	-7220.8	2095	9.4	173353.9	-7219.5	2185	9.8	175525.8	-7200.8
1916	9.4	160029.1	-7242.9	2006	9.2	164257.5	-7224.4	2096	9.3	173402.4	-7223.6	2186	9.8	175526.3	-7211.2
1917	9.6	160034.2	-7219.1	2007	9.4	164425.0	-7251.7	2097	9.4	173413.9	-7217.3	2187	9.6	175531.8	-7212.6
1918	9.4	160037.6	-7257.7	2008	9.0	164449.5	-7232.1	2098	9.6	173518.4	-7256.9	2188	9.8	175537.3	-7242.8
1919	9.4	160354.0	-7223.0	2009	8.8	164452.0	-7219.9	2099	9.8	173520.6	-7222.6	2189	9.6	175556.8	-7222.5
1920	6.7	160358.0	-7243.5	2010	9.4	164526.0	-7230.8	2100	9.3	173526.4	-7256.0	2190	8.6	175600.4	-7236.6
1921	8.6	160412.0	-7238.2	2011	9.4	164630.0	-7246.0	2101	9.8	173529.6	-7247.2	2191	9.8	175616.3	-7211.1
1922	9.3	160442.0	-7243.2	2012	10.0	164636.0	-7211.1	2102	8.7	173533.3	-7206.4	2192	9.1	175622.8	-7221.8
1923	10.1	160456.0	-7211.9	2013	9.7	164716.0	-7215.8	2103	8.8	173533.4	-7231.2	2193	9.8	175632.3	-7201.0
1924	9.4	160540.0	-7205.2	2014	8.1	164733.5	-7224.8	2104	9.3	173556.9	-7214.4	2194	8.2	175639.4	-7258.4
1925	10.1	160555.0	-7230.2	2015	9.6	164744.0	-7218.8	2105	9.3	173636.9	-7210.6	2195	9.8	175644.8	-7248.5
1926	9.7	160619.5	-7222.8	2016	9.2	164824.0	-7203.0	2106	8.8	173638.4	-7237.2	2196	9.0	175648.6	-7247.2
1927	9.7	160641.0	-7213.1	2017	10.1	164904.0	-7206.4	2107	9.8	173657.4	-7237.6	2197	9.3	175655.8	-7247.7
1928	9.0	160656.0	-7220.4	2018	9.0	164904.0	-7204.0	2108	8.6	173658.9	-7243.9	2198	9.3	175720.8	-7253.0
1929	10.0	160758.0	-7222.6	2019	9.6	164940.0	-7206.8	2109	9.8	173709.4	-7226.5	2199	9.8	175723.3	-7202.5
1930	10.1	160801.0	-7221.1	2020	8.6	164946.0	-7211.8	2110	9.2	173758.9	-7204.3	2200	9.8	175737.8	-7249.0
1931	9.2	160811.0	-7243.8	2021	10.0	165002.0	-7219.4	2111	9.8	173813.9	-7226.0	2201	9.8	175747.3	-7216.7
1932	9.4	160840.0	-7258.1	2022	9.2	165023.0	-7234.0	2112	9.0	173814.9	-7230.0	2202	9.4	175801.8	-7244.0
1933	9.8	160922.0	-7207.6	2023	9.2	165043.0	-7255.2	2113	9.5	173815.9	-7247.0	2203	9.3	175902.9	-7254.2
1934	9.4	160943.0	-7214.3	2024	9.4	165056.0	-7254.2	2114	9.6	173833.9	-7249.2	2204	9.2	175921.1	-7246.4
1935	8.7	160943.0	-7249.6	2025	8.4	165226.5	-7223.5	2115	8.8	173839.5	-7214.3	2205	8.5	180002.3	-7217.0
1936	10.1	161019.0	-7229.8	2026	10.1	165240.0	-7217.4	2116	9.6	173916.4	-7229.0	2206	8.8	180015.4	-7224.2
1937	8.6	161025.5	-7211.0	2027	9.6	165258.0	-7214.1	2117	9.8	173919.9	-7208.4	2207	9.8	180036.8	-7215.0
1938	9.2	161036.0	-7242.5	2028	10.1	165258.0	-7215.1	2118	9.8	173921.9	-7208.1	2208	8.9	180040.3	-7254.3
1939	9.4	161057.5	-7227.7	2029	9.7	165447.5	-7207.0	2119	9.2	173944.3	-7234.7	2209	9.0	180043.9	-7240.4
1940	10.0	161113.0	-7230.3	2030	10.0	165526.0	-7209.6	2120	9.8	173955.8	-7235.3	2210	9.4	180054.8	-7215.4
1941	9.4	161141.0	-7241.9	2031	9.8	165545.0	-7225.8	2121	9.4	174028.3	-7254.1	2211	9.8	180120.8	-7232.6
1942	9.8	161208.0	-7211.3	2032	8.0	165555.0	-7240.9	2122	8.7	174036.4	-7238.9	2212	9.2	180215.8	-7200.4
1943	10.0	161215.0	-7210.3	2033	9.2	165605.5	-7206.9	2123	9.8	174044.8	-7224.3	2213	9.8	180228.8	-7236.1
1944	9.2	161241.0	-7216.1	2034	9.4	165613.0	-7249.9	2124	9.8	174115.3	-7225.1	2214	8.7	180251.2	-7249.6
1945	10.0	161251.0	-7207.4	2035	8.9	165651.0	-7241.9	2125	8.2	174115.8	-7216.5	2215	9.8	180259.9	-7201.4
1946	7.5	161310.0	-7247.6	2036	9.2	165714.0	-7225.8	2126	9.0	174116.4	-7232.7	2216	9.3	180306.5	-7241.0
1947	8.5	161324.0	-7243.8	2037	8.4	165723.0	-7206.5	2127	9.3	174121.8	-7206.9	2217	9.0	180308.0	-7235.4
1948	10.1	161343.0	-7227.2	2038	9.2	165726.0	-7210.7	2128	9.6	174139.8	-7205.5	2218	9.8	180321.0	-7251.9
1949	9.4	161401.0	-7252.4	2039	8.1	165741.5	-7229.9	2129	9.6	174154.3	-7248.4	2219	9.8	180354.0	-7255.1
1950	9.2	161521.0	-7206.0	2040	9.7	165758.0	-7216.8	2130	9.2	174200.8	-7233.5	2220	9.3	180357.0	-7219.0
1951	9.4	161533.0	-7213.1	2041	8.4	165814.5	-7232.5	2131	9.1	174215.3	-7213.8	2221	9.6	180401.5	-7217.2
1952	9.3	161543.0	-7236.5	2042	9.7	165816.0	-7206.9	2132	9.4	174223.8	-7241.1	2222	9.8	180416.5	-7215.6
1953	9.8	161612.0	-7211.1	2043	9.1	165836.0	-7231.0	2133	9.8	174224.7	-7200.3	2223	9.8	180440.5	-7205.1

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2224	9.1	180449.5	-7239.1	2314	9.7	184042.5	-7231.4	2404	8.2	192503.0	-7204.0
2225	9.6	180519.5	-7208.3	2315	8.9	184123.0	-7259.7	2405	10.0	192513.0	-7208.4
2226	9.6	180527.5	-7201.1	2316	9.6	184140.0	-7244.2	2406	9.4	192517.0	-7222.9
2227	9.8	180529.0	-7246.8	2317	9.6	184237.5	-7239.8	2407	9.2	192521.1	-7228.1
2228	9.2	180530.5	-7210.0	2318	10.0	184249.0	-7253.6	2408	9.2	192540.4	-7235.8
2229	8.8	180556.0	-7259.1	2319	9.7	184335.0	-7240.0	2409	9.2	192553.5	-7217.6
2230	9.4	180556.5	-7252.9	2320	9.6	184436.0	-7204.0	2410	10.0	192655.4	-7258.1
2231	9.8	180610.5	-7244.7	2321	10.2	184454.0	-7233.4	2411	9.0	192703.4	-7243.2
2232	9.2	180617.5	-7216.2	2322	8.9	184458.5	-7251.6	2412	10.4	192728.0	-7241.7
2233	9.5	180657.5	-7224.0	2323	6.8	184512.0	-7205.5	2413	9.0	192744.4	-7201.7
2234	9.8	180708.5	-7233.1	2324	9.2	184513.0	-7252.6	2414	9.1	192801.5	-7227.3
2235	9.8	180709.0	-7258.5	2325	9.1	184619.0	-7248.0	2415	8.8	192813.0	-7229.6
2236	9.8	180719.5	-7244.2	2326	8.4	184800.0	-7201.9	2416	10.4	192822.8	-7204.7
2237	9.6	180739.0	-7208.1	2327	8.4	184836.5	-7233.4	2417	10.4	192830.3	-7230.9
2238	9.8	180750.5	-7210.0	2328	10.2	185004.0	-7236.1	2418	10.4	192837.8	-7203.5
2239	9.6	180834.0	-7211.3	2329	9.6	185004.5	-7237.9	2419	9.0	192853.8	-7209.4
2240	9.8	180858.5	-7229.4	2330	8.8	185019.0	-7215.1	2420	8.7	192907.8	-7232.4
2241	9.6	180918.5	-7243.9	2331	10.2	185026.5	-7232.8	2421	10.0	192913.8	-7224.0
2242	9.6	180938.5	-7214.8	2332	9.0	185041.0	-7205.7	2422	10.4	192934.8	-7214.7
2243	9.6	180949.5	-7217.8	2333	9.1	185102.0	-7247.3	2423	9.6	192935.9	-7247.9
2244	9.3	181035.5	-7252.8	2334	9.1	185120.0	-7246.6	2424	10.2	192938.8	-7224.3
2245	9.3	181041.0	-7221.0	2335	9.2	185342.5	-7232.2	2425	10.3	192941.6	-7202.3
2246	9.6	181110.5	-7227.1	2336	10.0	185424.0	-7238.7	2426	10.3	192950.8	-7236.1
2247	9.8	181129.5	-7256.7	2337	9.9	185437.0	-7256.1	2427	10.3	192952.8	-7245.1
2248	9.3	181225.5	-7245.1	2338	8.4	185555.0	-7221.1	2428	9.4	193044.1	-7201.6
2249	9.0	181251.2	-7255.0	2339	10.2	185626.5	-7256.3	2429	9.0	193047.3	-7236.5
2250	9.5	181255.0	-7237.2	2340	9.8	185640.0	-7248.1	2430	10.0	193054.3	-7211.0
2251	9.4	181309.5	-7215.6	2341	9.4	185702.5	-7201.1	2431	10.2	193121.8	-7259.0
2252	9.0	181319.5	-7246.6	2342	10.2	185712.0	-7243.7	2432	10.4	193140.8	-7207.6
2253	9.3	181322.5	-7206.6	2343	9.6	185813.5	-7255.1	2433	9.7	193147.4	-7259.0
2254	9.8	181443.9	-7220.4	2344	10.2	185814.2	-7258.7	2434	8.8	193151.3	-7215.9
2255	8.7	181533.9	-7230.3	2345	9.6	185859.5	-7240.3	2435	9.3	193235.0	-7247.0
2256	9.8	181542.4	-7206.5	2346	10.2	190033.5	-7234.4	2436	8.5	193302.9	-7242.4
2257	9.5	181603.9	-7204.2	2347	8.8	190008.5	-7247.2	2437	10.2	193318.3	-7227.7
2258	8.2	181712.4	-7245.8	2348	9.6	190109.0	-7253.6	2438	9.0	193322.1	-7246.6
2259	9.8	181727.9	-7207.7	2349	9.6	190157.0	-7244.5	2439	9.8	193324.9	-7244.0
2260	9.8	181821.4	-7247.1	2350	9.4	190302.2	-7233.4	2440	9.7	193421.8	-7252.2
2261	9.8	181845.9	-7252.7	2351	8.2	190400.5	-7249.3	2441	10.4	193425.3	-7225.2
2262	8.3	181849.5	-7246.7	2352	7.9	190414.0	-7251.9	2442	10.0	193435.8	-7214.5
2263	9.8	181902.4	-7247.5	2353	10.0	190536.0	-7256.5	2443	9.6	193441.0	-7229.1
2264	9.8	181914.9	-7253.0	2354	7.9	190557.1	-7250.7	2444	10.3	193444.8	-7211.8
2265	9.2	181945.2	-7248.1	2355	9.8	190605.5	-7245.9	2445	6.0	193458.1	-7248.2
2266	9.8	182014.4	-7245.7	2356	9.4	190653.0	-7252.5	2446	10.3	193503.8	-7256.4
2267	9.8	182044.9	-7232.8	2357	10.4	190705.3	-7206.4	2447	9.2	193524.8	-7206.1
2268	9.3	182048.7	-7237.4	2358	9.2	190714.5	-7232.5	2448	9.0	193541.8	-7210.9
2269	8.9	182056.0	-7208.2	2359	10.0	190727.1	-7242.7	2449	9.2	193601.4	-7252.5
2270	9.8	182059.9	-7254.4	2360	9.4	190824.4	-7241.4	2450	9.6	193602.4	-7247.4
2271	7.9	182121.5	-7252.7	2361	9.6	190829.0	-7256.2	2451	9.8	193605.9	-7256.4
2272	9.8	182131.4	-7237.6	2362	10.3	190838.8	-7220.5	2452	8.8	193638.8	-7204.6
2273	9.2	182132.9	-7206.1	2363	9.3	190847.5	-7238.3	2453	9.4	193710.3	-7221.0
2274	9.8	182204.4	-7245.2	2364	10.4	190849.8	-7226.6	2454	10.3	193815.3	-7232.9
2275	9.3	182235.9	-7211.0	2365	10.0	190955.3	-7205.6	2455	9.5	193827.3	-7220.1
2276	8.6	182256.2	-7226.0	2366	9.9	190956.8	-7219.9	2456	10.3	193849.8	-7232.1
2277	8.7	182259.2	-7204.1	2367	9.0	190959.6	-7202.8	2457	8.0	193854.8	-7247.0
2278	9.8	182347.9	-7248.5	2368	9.4	191012.4	-7232.7	2458	10.3	193857.8	-7215.9
2279	9.2	182357.6	-7250.3	2369	10.2	191024.6	-7249.5	2459	10.0	193900.3	-7220.3
2280	9.8	182420.4	-7229.1	2370	10.2	191033.8	-7215.6	2460	8.8	193943.3	-7254.7
2281	9.8	182422.9	-7230.3	2371	10.2	191040.0	-7255.7	2461	9.2	193957.8	-7249.6
2282	9.2	182441.5	-7233.8	2372	9.6	191106.3	-7210.1	2462	9.7	194017.8	-7238.9
2283	9.1	182451.9	-7228.4	2373	9.2	191109.3	-7217.2	2463	10.4	194024.5	-7206.4
2284	9.8	182454.9	-7218.9	2374	10.4	191129.8	-7216.3	2464	10.4	194056.5	-7208.7
2285	9.8	182513.9	-7232.1	2375	10.4	191214.3	-7222.5	2465	10.2	194110.0	-7219.1
2286	9.8	182514.9	-7253.8	2376	9.1	191234.3	-7224.1	2466	10.3	194123.0	-7202.5
2287	10.2	182534.2	-7234.6	2377	8.3	191234.7	-7200.6	2467	8.4	194201.2	-7240.5
2288	8.2	182559.0	-7210.4	2378	9.0	191320.6	-7239.3	2468	10.0	194222.0	-7214.9
2289	10.2	182600.5	-7236.0	2379	9.6	191403.1	-7257.5	2469	9.9	194227.0	-7206.2
2290	8.5	182621.0	-7219.6	2380	9.1	191517.5	-7214.6	2470	8.2	194300.5	-7226.1
2291	9.6	182634.0	-7203.1	2381	9.6	191522.5	-7228.5	2471	9.7	194336.2	-7235.3
2292	10.2	182650.5	-7233.7	2382	8.8	191524.5	-7213.1	2472	9.6	194336.9	-7232.1
2293	9.6	182715.0	-7209.0	2383	9.0	191525.0	-7254.9	2473	9.2	194550.8	-7250.0
2294	9.1	182734.7	-7235.4	2384	10.3	191544.5	-7223.6	2474	10.4	194559.0	-7237.0
2295	10.0	182818.5	-7230.5	2385	9.9	191603.0	-7220.2	2475	9.6	194613.0	-7217.9
2296	9.6	182858.5	-7255.1	2386	10.2	191709.0	-7245.8	2476	9.5	194715.2	-7245.3
2297	9.6	182954.2	-7237.1	2387	10.3	191719.5	-7204.7	2477	10.4	194719.5	-7240.7
2298	8.8	182958.5	-7234.2	2388	10.2	191726.0	-7242.3	2478	10.4	194722.5	-7255.9
2299	9.6	183050.2	-7259.9	2389	8.0	191801.5	-7209.0	2479	9.7	194725.5	-7225.8
2300	7.5	183058.3	-7255.7	2390	10.0	191811.5	-7200.1	2480	9.8	194826.4	-7253.7
2301	10.2	183128.5	-7240.0	2391	8.0	191845.5	-7221.2	2481	10.3	194850.0	-7205.0
2302	8.9	183227.0	-7216.7	2392	10.0	191849.0	-7226.9	2482	9.0	194945.3	-7212.5
2303	9.1	183333.0	-7229.1	2393	8.6	191948.1	-7236.0	2483	9.3	195003.2	-7240.8
2304	9.4	183338.7	-7246.4	2394	9.1	192046.5	-7200.9	2484	9.5	195026.5	-7218.4
2305	8.6	183450.8	-7247.9	2395	10.0	192106.2	-7237.2	2485	9.4	195052.2	-7200.3
2306	9.6	183601.5	-7230.9	2396	9.8	192112.0	-7211.0	2486	9.2	195200.1	-7249.2
2307	9.0	183621.0	-7219.1	2397	9.7	192133.8	-7252.4	2487	9.1	195249.0	-7227.8
2308	9.8	183630.5	-7242.7	2398	10.4	192149.5	-7209.3	2488	10.4	195257.5	-7246.6
2309	8.9	183710.0	-7220.0	2399	10.4	192152.5	-7236.6	2489	9.2	195331.0	-7231.1
2310	9.9	183740.5	-7238.3	2400	9.5	192242.8	-7228.5	2490	8.4	195404.2	-7232.5
2311	9.6	183843.5	-7241.4	2401	10.4	192417.0	-7237.7	2491	9.4	195410.1	-7254.6
2312	9.6	183941.5	-7239.6	2402	10.3	192420.0	-7223.3	2492	10.0	195418.0	-7210.8
2313	9.8	184021.0	-7241.8	2403	10.0	192440.9	-7200.8	2493	9.0	195451.0	-7201.3
2494	9.8	195507.7	-7257.3								
2495	9.7	195609.7	-7234.4								
2496	8.6	195654.5	-7200.0								
2497	9.5	195711.7	-7243.3								
2498	9.6	195721.5	-7209.4								
2499	9.0	195739.5	-7201.7								
2500	9.3	195802.3	-7258.9								
2501	8.7	195926.6	-7255.8								
2502	9.7	200013.1	-7259.1								
2503	9.3	200216.1	-7252.9								
2504	9.2	200233.8	-7234.9								
2505	8.3	200309.1	-7233.4								
2506	9.2	200324.5	-7202.0								
2507	9.5	200433.0	-7229.1								
2508	9.8	200604.6	-7239.3								
2509	9.6	200637.1	-7249.6								
2510	9.8	200712.5	-7257.1								
2511	8.6	200833.0	-7237.5								
2512	9.3	200850.0	-7237.9								
2513	9.0	200930.0	-7225.3								
2514	8.7	201051.0	-7235.3								
2515	8.2	201118.0	-7203.1								
2516	8.4	201202.0	-7258.9								
2517	9.4	201227.0	-7205.9								
2518	9.0	201233.5	-7253.8								
2519	8.9	201304.0	-7252.2								
2520	9.3	201424.0	-7252.7								
2521	9.8	201535.5	-7229.2								
2522	9.3	201616.0	-7203.8								
2523	9.3	201634.3	-7247.6								
2524	9.0	201636.5	-7202.6								
2525	9.4	201755.8	-7252.9								
2526	7.2	201854.5	-7216.5								
2527	9.2	201856.2	-7229.2								
2528	9.5	201857.5	-7200.9								
2529	9.4	202031.3	-7254.1								
2530	9.3	202032.2	-7258.7								
2531	8.9	202033.8	-7247.3								
2532	9.8	202122.3	-7252.9								
2533	9.2	202257.8	-7241.4								
2534	9.8	202313.5	-7221.9								
2535	9.8	202315.3	-7247.1								
2536	9.4	202348.3	-7254.1								
2537	8.5	202456.3	-7251.1								
2538	8.6	202458.5	-7203.9								
2539	9.8	202652.9	-7244.9								
2540	10.3	202707.5	-7219.8								
2541	10.3	202808.0	-7212.8								
2542	10.3	202900.0	-7259.9								
2543	10.3	202937.1	-7234.3								
2544	7.2	202948.2	-7222.0								
2545	10.3	202949.5	-7217.5								
2546	9.0	203002.5	-7209.5								
2547	10.3	203005.2	-7244.4								
2548	9.4	203147.0	-7253.1								
2549	9.4	203209.5	-7225.5								
2550	8.6	203229.6	-7248.7								
2551	8.2	203325.0	-7223.8								
2552	9.6	203331.5	-7209.5								
2553	10.3	203428.0	-7218.6								
2554	7.4	203542.5	-7239.8								
2555	6.7	203547.6	-7259.2								
2556	9.4	203556.0	-7217.2								
2557	10.2	203651.0	-7239.8								
2558	10.3	203829.0	-7244.8								
2559	9.9	203846.5	-7257.5								
2560	10.3	203900.1	-7220.5								
2561	9.7	203921.6	-7248.6								
2562	9.4	204010.6	-7250.6								
2563	10.3	204021.1	-7243.4								
2564	9.5	204036.6	-7218.1								
2565	10.3	204135.7	-7231.9								
2566	9.4	204138.2	-7256.9								
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2572	10.3	204618.6	-7236.8								
2573	10.3	204810.1	-7222.5								
2574	9.8	204844.6	-7238.9								
2575	10.0	204855.5	-7212.9								
2576	8.4	204925.1	-7218.9								
2577	10.3	205011.3	-7228.8								
2578	10.3	205241.8	-7241.9								
2579	9.4	205345.3	-7245.3								
2580	10.3	205518.3	-7241.9								
2581	9.0	205611.5	-7200.9								
2582	9.0	205745.5	-7206.6								
2583	10.2	205808.8	-7242.3								

-72 2584 20h58m

-73 140 2h04m

2584	10.0	205820.3	-7231.6	2674	9.4	220703.2	-7207.2	2764	11.1	232612.9	-7212.0
2585	10.3	205825.8	-7235.9	2675	9.0	220728.7	-7235.4	2765	10.2	232613.4	-7229.8
2586	10.3	205922.8	-7223.5	2676	10.0	220742.4	-7236.4	2766	8.6	232620.9	-7247.2
2587	10.3	205930.3	-7232.7	2677	9.5	220742.6	-7257.2	2767	11.0	232710.9	-7240.0
2588	10.3	210152.3	-7217.3	2678	10.0	220745.9	-7233.7	2768	9.8	233159.0	-7224.8
2589	8.9	210241.0	-7204.1	2679	9.6	220903.9	-7254.1	2769	10.6	233227.9	-7209.5
2590	9.4	210417.3	-7245.3	2680	8.7	220917.2	-7201.8	2770	11.1	233228.4	-7227.8
2591	10.3	210514.8	-7253.9	2681	9.3	220918.7	-7258.4	2771	10.0	233232.9	-7253.9
2592	8.6	210606.3	-7249.8	2682	9.8	220940.9	-7212.4	2772	11.0	233318.9	-7256.9
2593	9.5	210801.3	-7249.4	2683	9.3	220942.9	-7253.9	2773	9.4	233401.5	-7240.9
2594	10.0	210830.8	-7238.3	2684	9.5	221007.7	-7230.4	2774	11.1	233419.9	-7255.0
2595	8.1	211018.0	-7205.9	2685	10.4	221208.9	-7213.6	2775	11.1	233555.6	-7224.9
2596	10.3	211157.3	-7250.5	2686	8.9	221248.4	-7206.2	2776	9.8	233603.4	-7247.7
2597	10.3	211219.3	-7249.3	2687	10.4	221256.9	-7236.9	2777	10.4	233609.8	-7230.9
2598	7.0	211320.4	-7219.9	2688	10.0	221318.9	-7225.9	2778	9.8	233716.3	-7217.0
2599	10.3	211321.3	-7241.6	2689	9.4	221330.9	-7222.9	2779	11.0	233754.3	-7242.4
2600	10.3	211321.8	-7250.0	2690	6.0	221352.7	-7251.9	2780	11.1	233823.8	-7236.0
2601	10.2	211440.8	-7216.9	2691	9.4	221422.7	-7227.9	2781	9.8	233927.8	-7240.3
2602	10.3	211451.3	-7251.2	2692	10.4	221526.9	-7251.9	2782	10.4	233932.8	-7240.3
2603	8.2	211508.8	-7225.6	2693	9.6	221824.9	-7209.4	2783	7.6	234021.9	-7200.1
2604	10.0	211516.0	-7204.7	2694	10.4	221941.4	-7224.9	2784	9.2	234055.6	-7202.4
2605	9.6	211538.8	-7219.7	2695	10.2	221945.9	-7245.0	2785	11.0	234115.3	-7258.3
2606	9.0	211714.0	-7204.8	2696	10.4	222017.9	-7214.6	2786	9.8	234150.0	-7200.6
2607	10.3	211725.8	-7222.9	2697	9.8	222144.5	-7224.5	2787	10.2	234353.8	-7223.0
2608	10.0	211749.3	-7257.5	2698	10.2	222416.5	-7229.3	2788	8.9	234646.3	-7252.8
2609	9.8	211827.4	-7232.3	2699	10.4	222421.0	-7238.2	2789	9.8	234935.8	-7241.5
2610	9.8	211947.8	-7255.5	2700	9.5	222615.0	-7216.1	2790	9.8	235002.3	-7229.9
2611	8.3	212013.8	-7243.5	2701	8.8	222715.5	-7215.6	2791	9.8	235113.6	-7228.3
2612	10.3	212134.3	-7230.0	2702	10.4	222716.0	-7208.8	2792	10.4	235221.8	-7223.8
2613	10.3	212142.8	-7247.1	2703	9.5	222718.5	-7254.4	2793	9.2	235316.8	-7212.0
2614	10.3	212147.8	-7223.5	2704	9.8	222802.0	-7213.7	2794	9.4	235401.8	-7253.9
2615	10.3	212226.8	-7243.7	2705	9.6	222823.5	-7259.4	2795	10.4	235442.3	-7209.3
2616	10.2	212243.4	-7215.8	2706	10.0	222858.5	-7247.5	2796	11.1	235447.3	-7242.8
2617	9.2	212303.8	-7243.3	2707	9.2	222948.5	-7253.0	2797	9.8	235637.3	-7240.2
2618	10.3	212444.2	-7218.2	2708	10.4	222953.0	-7205.0	2798	9.8	235812.8	-7235.3
2619	10.2	212644.4	-7217.1	2709	10.4	223012.0	-7223.0	2799	8.9	235814.4	-7223.4
2620	10.2	212652.6	-7216.1	2710	9.8	223132.7	-7242.9	2800	5.2	235819.7	-7207.8
2621	10.3	212812.2	-7245.9	2711	9.0	223232.5	-7210.7	2801	9.8	235910.6	-7227.3
2622	9.7	212840.4	-7219.5	2712	9.7	223232.5	-7231.7	2802	11.0	235926.6	-7258.4
2623	8.4	212849.6	-7203.8	2713	10.4	223322.0	-7221.2	2803	9.8	235928.6	-7227.5
2624	8.6	212851.8	-7243.7	2714	9.0	223326.5	-7247.3	1	9.8	00256.9	-7309.3
2625	10.2	212853.6	-7226.1	2715	10.2	223343.0	-7243.0	2	9.8	00414.7	-7349.7
2626	10.3	212855.7	-7207.8	2716	8.6	223415.0	-7215.4	3	11.1	00426.7	-7358.5
2627	10.3	212904.2	-7231.5	2717	10.4	223442.0	-7226.5	4	6.9	00430.7	-7355.4
2628	10.3	212923.2	-7207.5	2718	10.4	223452.0	-7203.3	5	9.8	00517.2	-7318.0
2629	10.3	212934.6	-7210.0	2719	10.4	223754.5	-7201.8	6	9.8	00535.2	-7350.1
2630	9.5	212952.4	-7240.4	2720	9.0	223832.0	-7218.3	7	11.1	00538.7	-7309.4
2631	10.3	213057.2	-7241.0	2721	10.0	223947.4	-7246.3	8	11.1	00607.2	-7349.4
2632	10.3	213119.2	-7216.9	2722	10.4	223956.9	-7216.1	9	10.2	00650.2	-7347.2
2633	9.4	213344.0	-7250.8	2723	8.0	224205.4	-7205.2	10	10.2	00711.7	-7304.1
2634	9.6	213424.5	-7232.0	2724	10.0	224217.4	-7254.8	11	11.1	00813.7	-7328.4
2635	9.6	213506.0	-7224.6	2725	9.3	224300.9	-7220.7	12	10.6	00827.7	-7325.9
2636	9.8	213616.0	-7219.0	2726	8.4	224305.7	-7232.8	13	11.1	01006.2	-7304.6
2637	10.0	213621.0	-7228.0	2727	10.4	224409.9	-7216.2	14	10.8	01134.7	-7307.1
2638	10.0	213634.0	-7233.1	2728	10.0	224453.9	-7223.2	15	9.8	01400.2	-7338.3
2639	9.0	213645.0	-7232.0	2729	10.0	224518.9	-7218.0	16	9.2	01408.7	-7329.9
2640	9.6	213738.0	-7240.1	2730	9.0	224524.7	-7250.9	17	10.2	01542.7	-7341.5
2641	9.6	213814.0	-7222.0	2731	10.2	224624.0	-7202.9	18	10.4	01556.7	-7354.6
2642	9.6	213922.0	-7240.7	2732	9.8	224630.4	-7227.7	19	8.6	01659.7	-7343.5
2643	8.2	213951.0	-7243.1	2733	9.0	224700.7	-7237.9	20	10.6	01741.2	-7319.6
2644	10.0	213956.0	-7205.0	2734	9.8	224756.9	-7227.7	21	9.8	01823.2	-7300.7
2645	9.6	214016.0	-7241.3	2735	9.5	224853.8	-7200.3	22	10.8	01859.2	-7329.0
2646	10.0	214047.0	-7224.5	2736	8.0	224902.9	-7223.1	23	10.2	01903.2	-7317.5
2647	9.4	214201.7	-7257.5	2737	9.3	225011.7	-7215.4	24	9.0	01930.2	-7318.6
2648	7.9	214239.0	-7252.4	2738	10.0	225017.4	-7258.5	25	10.6	01958.2	-7327.2
2649	9.3	214316.0	-7239.4	2739	8.2	225026.3	-7230.2	26	10.2	02020.2	-7311.5
2650	9.8	214426.0	-7202.0	2740	10.4	225029.5	-7232.5	27	11.1	02141.8	-7302.6
2651	8.9	214635.0	-7234.2	2741	9.8	225043.0	-7249.4	28	11.0	02151.3	-7322.1
2652	9.3	214813.5	-7220.5	2742	10.0	225202.5	-7224.3	29	10.2	02233.8	-7323.5
2653	9.1	214827.5	-7222.3	2743	8.9	225333.5	-7241.2	30	11.1	02302.3	-7324.6
2654	9.8	214913.0	-7226.3	2744	10.4	225359.5	-7227.8	31	10.8	02334.8	-7312.5
2655	9.6	215025.0	-7245.1	2745	10.2	225409.0	-7223.4	32	10.6	02407.8	-7322.1
2656	9.8	215202.0	-7210.3	2746	10.4	225450.0	-7206.2	33	9.8	02508.4	-7346.5
2657	9.1	215205.0	-7207.9	2747	8.8	225552.5	-7203.2	34	11.1	02649.8	-7352.3
2658	10.0	215300.0	-7208.0	2748	9.9	225612.0	-7225.8	35	11.1	02758.6	-7333.3
2659	9.6	215603.0	-7214.1	2749	9.2	230026.0	-7227.1	36	11.0	02918.1	-7351.0
2660	9.6	215603.0	-7255.5	2750	9.4	230142.0	-7253.4	37	11.0	02927.6	-7314.0
2661	10.0	215646.0	-7229.4	2751	9.8	230550.0	-7223.9	38	10.2	02941.0	-7331.9
2662	9.0	215655.0	-7213.9	2752	9.0	230609.0	-7202.0	39	8.4	03044.3	-7354.7
2663	8.4	220001.0	-7253.1	2753	9.5	230714.0	-7245.7	40	9.8	03106.6	-7332.1
2664	9.6	220016.0	-7248.2	2754	9.5	230816.0	-7249.1	41	9.5	03313.7	-7352.9
2665	7.5	220017.0	-7235.1	2755	9.5	231020.0	-7244.9	42	6.9	03346.0	-7349.5
2666	9.8	220216.5	-7209.7	2756	8.6	231339.0	-7215.5	43	9.4	03638.5	-7348.0
2667	9.6	220308.5	-7207.2	2757	9.5	231508.0	-7249.9	44	9.2	03915.5	-7303.0
2668	9.6	220323.0	-7213.6	2758	9.5	231603.0	-7234.1	45	9.7	04019.0	-7355.0
2669	10.2	220348.9	-7241.2	2759	7.2	231622.5	-7251.0	46	9.3	04148.0	-7316.8
2670	10.4	220428.9	-7248.0	2760	8.4	231658.0	-7218.8	47	9.2	04228.0	-7330.5
2671	10.4	220429.4	-7229.4	2761	9.2	231835.0	-7226.9	48	9.6	04316.0	-7333.0
2672	10.4	220453.4	-7208.5	2762	9.0	232209.2	-7221.0	49	9.4	04610.5	-7300.2
2673	10.4	220601.9	-7226.5	2763	10.0	232330.4	-7254.3	50	9.4	04658.0	-7321.5
51	9.8	04705.0	-7342.1								
52	9.9	04830.0	-7347.8								
53	9.8	04842.0	-7318.8								
54	9.9	04845.5	-7347.4								
55	9.0	05157.0	-7348.0								
56	20.0	05202.0	-7308.5								
57	9.5	05230.0	-7340.0								
58	8.2	05236.0	-7344.7								
59	8.5	05648.0	-7322.0								
60	9.7	05910.0	-7302.2								
61	9.6	10018.0	-7304.3								
62	9.3	10032.0	-7352.0								
63	8.0	10122.0	-7313.0								
64	9.5	10326.0	-7308.1								
65	9.1	10422.0	-7340.9								
66	9.9	10517.0	-7312.1								
67	6.8	10619.0	-7337.4								
68	9.8	10635.0	-7325.0								
69	9.0	10726.0	-7340.9								
70	9.9	11101.0	-7325.1								
71	9.8	11127.0	-7355.2								
72	8.9	11432.0	-7356.3								
73	9.1	11500.0	-7322.7								
74	7.2	11655.0	-7324.2								
75	8.6	11801.0	-7341.2								
76	9.0	11809.0	-7337.9								
77	9.7	12012.0	-7305.1								
78	9.9	12206.0	-7306.9								
79	9.9	12210.0	-7324.0								
80	8.5	12329.5	-7324.0								
81	9.2	12453.9	-7355.0								
82	10.9	12618.2	-7322.0								
83	10.2	12626.7	-7337.2								
84	9.2	12631.7	-7339.3								
85	8.8	12724.7	-7349.1								
86	10.7	12742.7	-7340.4								
87	10.2	12821.2	-7324.6								
88	10.9	12839.2	-7326.5								
89	10.4	12840.2	-7348.9								
90	10.8	12907.7	-7306.3								
91	10.9	13248.4	-7334.6								
92	8.9	13300.5	-7322.6								
93	9.2	13313.5	-7328.3								
94	10.9	13550.9	-7320.3								
95	9.8	13557.9	-7319.6								
96	9.4	13630.4	-7347.8								
97	10.9	13743.2	-7359.8								
98	10.2	13757.9	-7330.2								
99	10.8	13913.9	-7305.6								
100	9.2	14042.9	-7345.9								
101	10.9	14043.4	-7311.6								
102	10.9	14049.9	-7309.9								
103	10.0	14301.4	-7328.5								
104	10.9	14350.9	-7326.7								
105	8.9	14546.9	-7314.4								
106	10.7	14611.9	-7332.8								
107	7.5	14702.4	-7302.0								
108	10.9	14729.4	-7304.0								
109	10.2	14818.2	-7359.4								
110	10.7	14823.9	-7335.4								
111	10.4	14828.4	-7327.4								
112	10.9	14840.9	-7334.3								
113	10.9	14913.9	-7314.8								
114	10.2	15027.4	-7310.3								
115	9.8	15033.4	-7347.6								
116	10.2	15051.4	-7308.2								
117	9.8	15159.9	-7347.1								
118	10.4	15227.9	-7351.1								
119	10.9	15233.4	-7327.5								
120	9.0	15248.9	-7306.0								
121	9.4	15340.7	-7358.4								
122	10.2	15426.4	-7317.5								
123	8.6	15450.9	-7352.5								
124	8.8	15616.4	-7314.0								
125	10.4	15631.9	-7323.6								
126	10.6	15703.4	-7320.3								
127	10.7	15705.9	-7313.5								
128	9.8	15707.9	-7345.7								
129	10.9	15710.4	-7328.5								
130	10.4	15827.9	-7314.9								
131	10.2	15855.4	-7305.5								
132	10.2	15957.2	-7357.0								
133	10.2	20009.4	-7328.5								
134	10.9	20155.4	-7327.7								
135	10.4	20222.4	-7312.8								
136	10.9	20239.4	-7324.8								
137	9.8	20303.9	-7343.5								
138	9.2	20356.4	-7321.0								
139	9.4	20404.4	-7311.0								
140	10.2	20447.2	-7354.1								

141	10.9	20624.2 -7335.0	231	8.3	33509.5 -7315.5	321	8.9	53912.0 -7303.0	411	9.6	65230.0 -7312.3
142	10.9	20631.7 -7315.1	232	9.4	33640.5 -7328.7	322	9.9	53929.0 -7304.7	412	9.6	65230.0 -7324.2
143	10.9	20742.7 -7307.2	233	8.9	33712.0 -7336.1	323	7.1	54003.0 -7345.7	413	9.0	65642.0 -7335.7
144	10.9	20819.2 -7338.9	234	8.8	33739.5 -7348.1	324	9.3	54021.0 -7311.1	414	9.8	65702.0 -7334.2
145	8.8	20823.7 -7305.0	235	9.8	34207.5 -7322.7	325	9.4	54200.0 -7339.2	415	9.8	65716.0 -7339.8
146	10.6	20956.2 -7359.7	236	8.7	34221.5 -7318.4	326	9.9	54332.0 -7323.1	416	9.6	65833.0 -7319.6
147	10.8	21013.2 -7348.1	237	9.0	34354.5 -7343.0	327	9.9	54430.0 -7320.7	417	9.8	65931.0 -7323.2
148	10.9	21021.2 -7333.1	238	9.4	34526.5 -7332.2	328	9.1	54449.0 -7328.4	418	9.8	65957.0 -7339.6
149	8.3	21025.2 -7315.9	239	9.8	35041.0 -7358.0	329	9.4	54535.0 -7318.5	419	9.3	70002.0 -7331.9
150	10.7	21147.7 -7313.0	240	9.7	35053.5 -7341.9	330	8.9	54644.0 -7335.1	420	9.8	70013.0 -7314.1
151	10.9	21311.2 -7310.0	241	9.8	35153.0 -7341.9	331	9.2	54701.5 -7359.8	421	9.8	70018.0 -7338.7
152	10.6	21617.7 -7304.8	242	9.9	35450.5 -7349.3	332	9.5	54752.0 -7310.4	422	9.4	70258.0 -7330.5
153	10.9	21710.7 -7325.1	243	9.4	35502.5 -7315.9	333	9.5	54828.0 -7338.2	423	8.6	70350.0 -7322.0
154	10.2	21716.7 -7324.9	244	9.5	35506.5 -7303.9	334	9.9	54902.0 -7356.4	424	8.3	70356.0 -7349.9
155	10.9	21732.7 -7328.0	245	8.8	35536.5 -7357.3	335	9.4	54915.0 -7326.2	425	9.6	70409.0 -7310.0
156	10.4	21810.9 -7337.9	246	8.6	35747.5 -7354.8	336	9.6	54940.0 -7356.0	426	9.6	70429.0 -7333.4
157	9.2	21854.4 -7324.1	247	8.7	40026.5 -7343.9	337	9.4	55026.0 -7330.6	427	9.2	70438.0 -7304.1
158	10.0	21904.6 -7302.5	248	9.4	40413.5 -7330.5	338	9.4	55027.0 -7330.5	428	9.8	70747.5 -7357.2
159	9.4	21909.4 -7330.6	249	8.5	40733.5 -7336.6	339	9.9	55104.0 -7355.0	429	9.6	70959.0 -7310.6
160	10.9	21919.4 -7331.2	250	9.6	40754.5 -7335.9	340	9.0	55214.0 -7338.6	430	9.8	71102.0 -7352.0
161	8.8	21941.4 -7352.9	251	7.5	41449.5 -7308.0	341	9.5	55250.0 -7305.0	431	9.8	71108.0 -7349.1
162	10.0	22006.4 -7346.3	252	9.5	41532.5 -7320.8	342	9.5	55744.0 -7317.8	432	9.4	71202.0 -7342.1
163	8.9	22017.4 -7354.7	253	9.8	41548.5 -7328.7	343	9.0	55755.0 -7345.6	433	9.4	71229.0 -7321.5
164	10.0	22045.9 -7345.6	254	9.5	41559.5 -7346.1	344	8.5	55801.0 -7309.5	434	9.4	71346.0 -7343.4
165	9.8	22115.4 -7317.8	255	9.8	41610.5 -7332.1	345	8.9	55833.0 -7338.5	435	8.9	71352.0 -7356.9
166	9.8	22146.9 -7316.8	256	9.2	41638.5 -7357.0	346	9.6	55913.0 -7339.0	436	9.3	71512.0 -7330.1
167	9.2	22235.9 -7307.9	257	9.4	41654.5 -7315.7	347	9.5	55913.0 -7330.3	437	8.5	71554.0 -7354.7
168	9.2	22239.4 -7345.0	258	9.9	42033.0 -7343.5	348	9.4	55949.0 -7320.8	438	9.6	71609.0 -7349.9
169	10.9	22325.4 -7349.6	259	9.7	42338.5 -7315.2	349	8.9	60015.0 -7335.9	439	8.5	71616.0 -7355.8
170	10.9	22359.4 -7346.6	260	9.3	42717.5 -7323.5	350	9.3	60041.0 -7346.0	440	9.3	71843.0 -7350.9
171	9.8	22614.9 -7319.8	261	8.9	42734.0 -7336.2	351	9.9	60055.0 -7321.8	441	8.9	72156.0 -7340.8
172	10.4	22653.9 -7305.8	262	9.3	43220.5 -7340.5	352	9.4	60057.0 -7334.0	442	9.0	72232.0 -7353.8
173	8.7	22759.5 -7305.3	263	9.6	43347.0 -7329.9	353	9.8	60115.0 -7326.0	443	9.8	72308.5 -7300.0
174	9.4	22812.7 -7338.2	264	9.6	43423.0 -7300.4	354	9.3	60852.0 -7340.8	444	9.1	72442.0 -7325.5
175	8.6	22858.7 -7348.7	265	9.4	43436.0 -7347.7	355	9.4	60915.5 -7300.0	445	8.4	72527.0 -7340.7
176	10.2	22943.2 -7323.8	266	9.3	43458.0 -7320.8	356	9.1	61213.0 -7333.8	446	9.3	72539.0 -7352.1
177	10.9	23040.7 -7339.9	267	9.2	43546.0 -7355.2	357	9.5	61219.0 -7357.2	447	9.6	72658.0 -7316.1
178	9.0	23208.4 -7314.5	268	9.6	43625.0 -7316.6	358	9.6	61416.0 -7333.7	448	9.8	72723.5 -7300.4
179	9.5	23211.6 -7341.7	269	8.0	43631.0 -7327.6	359	9.8	61638.0 -7311.8	449	9.8	72739.5 -7306.9
180	7.9	23235.7 -7313.1	270	9.7	43944.0 -7345.3	360	6.3	61743.0 -7334.7	450	9.4	72742.5 -7328.7
181	10.4	23454.7 -7344.1	271	8.5	44410.0 -7345.6	361	9.4	61809.0 -7324.1	451	9.5	73015.0 -7342.7
182	9.3	23541.5 -7301.8	272	9.7	44450.0 -7321.3	362	9.4	61816.0 -7321.9	452	9.5	73139.5 -7306.9
183	8.3	23623.0 -7313.1	273	9.2	44549.0 -7331.9	363	9.5	61823.0 -7347.1	453	9.8	73154.5 -7306.6
184	9.4	23733.7 -7359.5	274	9.3	44553.0 -7313.7	364	9.5	61833.0 -7312.0	454	9.9	73407.2 -7301.4
185	8.0	23743.0 -7324.1	275	8.9	44720.5 -7302.4	365	9.4	61841.0 -7309.8	455	9.6	73550.5 -7316.9
186	9.7	23917.0 -7355.2	276	9.3	44918.0 -7313.7	366	9.5	61907.0 -7325.8	456	9.6	73651.5 -7303.3
187	9.3	24034.7 -7358.3	277	9.3	44925.0 -7354.3	367	9.4	61959.0 -7322.1	457	6.2	73753.5 -7359.6
188	9.3	24057.0 -7320.1	278	9.5	44937.0 -7312.7	368	9.6	62017.0 -7304.0	458	9.3	73929.0 -7325.5
189	9.2	24618.0 -7318.4	279	9.3	45128.0 -7310.2	369	9.8	62025.0 -7309.0	459	9.9	73945.0 -7310.5
190	9.4	24644.0 -7347.8	280	8.4	45423.0 -7311.9	370	9.5	62029.0 -7355.7	460	9.9	74124.0 -7333.3
191	8.2	24824.0 -7327.0	281	9.0	45431.0 -7349.5	371	9.5	62053.0 -7339.9	461	9.9	74137.0 -7325.4
192	8.6	24815.0 -7300.7	282	9.2	45445.0 -7354.9	372	9.0	62143.0 -7317.9	462	9.4	74214.0 -7340.3
193	8.6	24999.0 -7317.0	283	9.1	45643.0 -7343.6	373	9.1	62159.0 -7344.1	463	9.9	74230.0 -7304.2
194	9.4	25333.0 -7315.0	284	8.5	45817.0 -7357.1	374	9.3	62218.5 -7301.6	464	9.8	74509.0 -7315.1
195	7.8	25428.0 -7357.4	285	9.2	50203.0 -7315.4	375	9.5	62323.0 -7353.0	465	9.9	74552.0 -7304.0
196	9.7	25636.0 -7359.7	286	6.4	50840.0 -7312.0	376	9.2	62529.0 -7316.2	466	7.8	74606.5 -7357.0
197	8.3	25749.5 -7302.7	287	9.3	50847.0 -7302.2	377	9.4	62719.0 -7302.9	467	9.5	74626.0 -7344.2
198	9.5	25921.0 -7338.9	288	8.4	50849.0 -7345.4	378	9.4	62725.0 -7329.2	468	9.9	74706.0 -7342.9
199	9.1	30326.0 -7339.1	289	9.5	50850.0 -7339.6	379	9.4	62848.5 -7347.2	469	8.8	74708.0 -7332.0
200	9.3	30511.0 -7352.8	290	9.3	51434.0 -7343.2	380	9.6	62907.5 -7325.3	470	9.5	74726.0 -7306.3
201	7.8	30551.5 -7357.1	291	9.0	51533.0 -7330.4	381	9.8	62936.0 -7354.2	471	7.7	74903.0 -7346.5
202	9.3	30622.0 -7305.9	292	9.6	51544.0 -7347.5	382	8.9	62957.5 -7308.5	472	9.9	75222.0 -7308.4
203	9.7	30740.0 -7327.1	293	9.5	51650.0 -7352.3	383	9.2	63004.5 -7322.1	473	9.0	75441.0 -7353.1
204	8.6	31211.0 -7354.2	294	7.0	51820.0 -7343.2	384	9.8	63006.0 -7323.9	474	9.5	75643.0 -7354.4
205	9.7	31251.0 -7326.9	295	9.3	51859.0 -7346.2	385	9.6	63130.0 -7324.9	475	9.5	75643.0 -7344.3
206	9.4	31342.0 -7300.0	296	8.2	52539.0 -7354.7	386	9.6	63141.0 -7314.3	476	8.7	75720.0 -7348.0
207	9.1	31858.0 -7317.3	297	9.5	52754.0 -7328.3	387	9.3	63210.0 -7329.7	477	9.8	75837.0 -7316.3
208	8.7	31910.0 -7330.9	298	9.7	52759.0 -7358.0	388	9.8	63456.0 -7356.1	478	8.7	75934.0 -7307.8
209	9.2	31913.0 -7300.2	299	9.6	52830.5 -7300.9	389	8.1	63602.0 -7338.8	479	9.4	80316.0 -7351.3
210	9.6	32041.0 -7306.2	300	9.1	52832.0 -7313.9	390	9.4	63642.0 -7303.8	480	9.7	80325.0 -7327.7
211	9.4	32046.0 -7344.3	301	8.8	52917.5 -7302.9	391	9.8	63742.0 -7323.9	481	9.9	80453.0 -7346.1
212	9.7	32405.0 -7347.1	302	8.3	52938.0 -7345.8	392	9.1	63837.0 -7328.1	482	9.1	80851.5 -7357.6
213	8.0	32440.0 -7347.1	303	9.9	53220.0 -7301.3	393	9.4	63902.0 -7306.6	483	9.5	80909.0 -7348.7
214	9.3	32516.0 -7355.7	304	9.4	53249.5 -7333.4	394	9.4	63946.0 -7346.3	484	8.3	80928.0 -7306.7
215	9.7	32630.0 -7321.9	305	9.9	53257.0 -7351.1	395	9.6	64006.0 -7345.8	485	8.9	81036.0 -7345.1
216	8.4	32713.0 -7350.9	306	9.9	53313.0 -7303.4	396	9.5	64016.0 -7314.9	486	9.9	81147.0 -7326.9
217	9.7	32743.0 -7321.2	307	9.5	53320.5 -7331.4	397	9.4	64029.0 -7305.4	487	9.8	81418.0 -7355.9
218	8.1	32747.0 -7333.9	308	9.2	53441.5 -7342.8	398	9.5	64044.0 -7330.6	488	6.7	81610.0 -7325.2
219	9.8	32824.0 -7316.6	309	9.9	53507.0 -7349.2	399	9.6	64120.0 -7326.2	489	9.6	81655.5 -7309.2
220	8.5	32840.5 -7352.4	310	9.6	53521.0 -7309.7	400	9.6	64123.0 -7334.8	490	8.3	81717.0 -7350.3
221	8.3	32924.2 -7358.7	311	9.6	53645.0 -7345.0	401	9.4	64406.0 -7350.8	491	9.2	81848.0 -7325.8
222	9.8	32942.5 -7309.9	312	9.9	53703.0 -7312.4	402	9.5	64408.0 -7334.2	492	9.9	81910.0 -7334.7
223	9.4	33011.5 -7316.2	313	9.5	53718.0 -7355.4	403	9.6	64720.0 -7359.7	493	9.8	82016.0 -7306.5
224	9.1	33108.5 -7329.2	314	9.7	53750.0 -7315.1	404	9.8	64801.0 -7318.6	494	9.0	82047.0 -7310.6
225	8.8	33111.5 -7324.1	315	9.6	53751.0 -7317.7	405	9.1	64833.0 -7307.4	495	9.0	82141.0 -7302.9
226	9.8	33245.5 -7334.0	316	8.0	53751.0 -7349.0	406	9.5	65004.0 -7330.0	496	9.9	82141.0 -7328.8
227	9.4	33359.5 -7334.9	317	9.4	53851.0 -7318.3	407	9.8	65047.0 -7316.1	497	9.8	82352.0 -7305.3
228	9.9	33401.5 -7309.7	318	9.3	53852.0 -7324.4	408	9.6	65117.0 -7306.6	498	9.2	82403.0 -7339.1
229	9.7	33409.5 -7305.4	319	9.0	53852.0 -7329.7	409	8.1	65135.0 -7309.2	499	9.0	82449.0 -7329.0
230	9.9	33437.5 -7352.6	320	9.6	53904.0 -7341.3	410	9.2	65142.5 -7357.4	500	7.5	82504.0 -7345.3

-73 501 8h26m

-73 860 11h25m

501	9.9	82644.0	-7326.8	591	9.7	91946.0	-7350.8	681	8.7	100421.0	-7330.2	771	9.6	104519.0	-7330.9
502	9.5	82711.0	-7305.0	592	7.1	91953.0	-7304.3	682	9.2	100436.0	-7321.3	772	9.7	104551.0	-7310.4
503	9.9	82732.0	-7314.6	593	9.5	92028.0	-7342.0	683	9.9	100447.0	-7343.0	773	9.7	104617.0	-7308.4
504	9.2	82844.0	-7308.2	594	8.1	92136.7	-7300.2	684	9.8	100505.0	-7316.1	774	9.6	104639.0	-7333.4
505	9.5	82921.5	-7333.0	595	9.7	92155.0	-7328.4	685	9.8	100517.0	-7316.8	775	9.4	104645.0	-7354.8
506	9.9	82928.5	-7326.8	596	9.1	92211.0	-7322.7	686	9.8	100520.0	-7323.7	776	8.9	104802.0	-7356.3
507	9.7	83030.0	-7323.1	597	9.1	92308.0	-7330.7	687	9.9	100532.5	-7357.9	777	8.5	104811.0	-7347.0
508	9.0	83037.5	-7357.0	598	9.3	92336.0	-7350.6	688	9.8	100618.0	-7321.5	778	8.4	104853.0	-7304.2
509	9.6	83038.0	-7350.9	599	9.7	92356.0	-7326.7	689	9.6	100639.0	-7316.4	779	9.7	104855.0	-7335.6
510	9.7	83110.0	-7339.2	600	9.5	92433.0	-7353.0	690	9.9	100645.0	-7338.1	780	9.7	104907.0	-7339.5
511	9.2	83126.0	-7303.0	601	9.3	92554.0	-7312.1	691	9.8	100652.0	-7304.1	781	9.4	105024.0	-7316.8
512	9.7	83203.5	-7359.3	602	9.5	92613.0	-7340.7	692	9.8	100721.0	-7317.6	782	9.7	105136.5	-7300.0
513	9.2	83256.0	-7309.3	603	9.6	92738.0	-7351.8	693	9.4	100759.0	-7358.5	783	9.9	105241.0	-7331.4
514	9.6	83301.0	-7304.3	604	9.0	92754.5	-7335.0	694	9.8	100830.0	-7309.9	784	9.4	105247.0	-7314.2
515	9.4	83439.5	-7350.9	605	9.6	92811.0	-7339.7	695	9.4	100841.0	-7300.1	785	9.1	105255.0	-7356.7
516	9.7	83700.0	-7324.2	606	8.9	92815.0	-7300.8	696	8.6	100941.0	-7350.7	786	9.9	105301.0	-7341.4
517	9.2	83741.0	-7324.1	607	9.9	92902.0	-7324.5	697	9.9	101105.0	-7302.0	787	9.9	105319.0	-7321.2
518	9.7	83745.0	-7325.7	608	7.8	92910.5	-7306.0	698	9.6	101124.0	-7332.4	788	9.5	105406.0	-7358.2
519	9.1	83759.0	-7349.8	609	8.2	93026.0	-7336.0	699	9.5	101145.0	-7316.9	789	9.5	105638.0	-7314.2
520	9.4	83832.0	-7306.2	610	9.6	93035.0	-7309.0	700	9.6	101150.0	-7327.7	790	9.9	105707.0	-7311.0
521	9.4	83838.0	-7333.6	611	7.6	93042.5	-7311.6	701	9.3	101202.0	-7345.4	791	9.5	105801.0	-7310.8
522	9.7	83902.0	-7359.9	612	8.2	93050.0	-7336.0	702	9.8	101207.0	-7349.7	792	9.5	105806.0	-7323.8
523	7.8	83936.0	-7338.0	613	9.8	93057.0	-7337.7	703	9.9	101208.0	-7303.1	793	9.6	105832.0	-7318.0
524	9.6	83939.0	-7341.5	614	9.9	93127.0	-7354.7	704	9.6	101220.0	-7327.3	794	8.9	105844.0	-7338.5
525	6.9	84214.0	-7309.7	615	9.9	93146.0	-7322.6	705	9.6	101238.0	-7306.9	795	9.9	105912.0	-7327.2
526	9.7	84223.0	-7342.0	616	9.9	93224.0	-7343.0	706	9.8	101247.0	-7306.5	796	7.7	110006.0	-7334.3
527	9.7	84402.0	-7340.9	617	9.6	93245.0	-7301.2	707	9.5	101251.0	-7353.7	797	9.5	110018.5	-7359.1
528	7.6	84458.0	-7350.8	618	9.4	93403.0	-7306.6	708	9.8	101303.0	-7325.5	798	9.5	110047.0	-7334.2
529	9.4	84526.0	-7314.9	619	9.8	93403.0	-7341.7	709	9.5	101305.0	-7342.9	799	9.3	110047.0	-7323.4
530	9.6	84600.0	-7305.9	620	9.1	93408.0	-7325.1	710	9.9	101315.0	-7344.8	800	9.9	110049.0	-7331.1
531	9.7	84813.0	-7329.6	621	9.4	93425.0	-7336.2	711	9.8	101405.0	-7314.6	801	9.7	110101.0	-7340.6
532	9.7	84839.0	-7328.9	622	9.4	93534.0	-7346.6	712	8.8	101444.0	-7347.8	802	9.9	110106.0	-7339.2
533	9.7	84932.5	-7359.2	623	9.6	93600.0	-7352.5	713	9.4	101521.0	-7349.2	803	9.6	110227.0	-7352.2
534	9.7	84934.0	-7340.0	624	9.8	93613.0	-7350.2	714	9.1	101533.0	-7316.1	804	9.6	110254.0	-7309.2
535	9.2	84940.0	-7337.9	625	9.8	93702.0	-7356.4	715	9.8	101555.0	-7341.7	805	9.6	110406.0	-7321.0
536	9.1	84948.0	-7315.4	626	9.3	93722.0	-7316.8	716	8.8	101639.0	-7324.6	806	8.5	110413.0	-7318.0
537	9.7	85021.0	-7323.1	627	9.6	93723.0	-7307.2	717	9.3	101725.0	-7356.1	807	9.6	110501.0	-7341.9
538	9.7	85031.0	-7348.1	628	9.4	93727.0	-7304.2	718	9.9	101741.0	-7323.1	808	9.6	110625.0	-7319.0
539	9.4	85043.0	-7324.3	629	9.9	93806.0	-7316.1	719	9.3	101751.0	-7321.0	809	9.9	110629.0	-7326.4
540	9.7	85052.0	-7352.5	630	9.6	93858.0	-7357.3	720	9.9	101832.0	-7340.9	810	7.9	110702.0	-7347.0
541	9.7	85104.0	-7343.5	631	9.5	93932.0	-7317.8	721	9.5	101846.0	-7320.5	811	9.9	110710.0	-7305.8
542	8.4	85140.0	-7336.7	632	9.3	93942.0	-7314.3	722	9.8	101855.0	-7308.8	812	9.8	110712.0	-7331.0
543	8.6	85153.0	-7328.9	633	9.9	94105.0	-7306.6	723	9.9	101922.0	-7318.5	813	9.7	110720.0	-7354.8
544	9.7	85239.0	-7331.3	634	9.8	94110.0	-7348.1	724	9.9	102018.0	-7312.0	814	8.9	110728.0	-7344.0
545	9.7	85501.0	-7352.8	635	9.9	94122.0	-7331.9	725	9.0	102037.0	-7305.0	815	9.9	110742.0	-7357.0
546	9.7	85504.0	-7343.8	636	9.9	94123.0	-7344.9	726	9.6	102038.0	-7329.6	816	9.9	110803.0	-7346.2
547	7.9	85511.0	-7333.6	637	9.9	94145.0	-7330.6	727	9.8	102047.0	-7322.7	817	7.9	110804.0	-7331.8
548	8.1	85721.0	-7326.0	638	9.9	94211.0	-7318.1	728	9.9	102106.0	-7331.0	818	9.5	110808.0	-7303.8
549	9.2	85853.0	-7340.4	639	8.8	94251.0	-7357.6	729	9.4	102114.0	-7311.7	819	9.0	110830.0	-7320.8
550	6.8	90038.0	-7354.6	640	9.9	94257.0	-7339.2	730	9.9	102127.0	-7328.3	820	9.6	110855.0	-7356.0
551	8.3	90039.0	-7320.0	641	9.9	94302.0	-7321.9	731	9.5	102145.0	-7347.1	821	9.9	110942.0	-7328.9
552	9.7	90055.0	-7333.0	642	9.6	94317.0	-7314.1	732	9.8	102150.0	-7306.4	822	9.9	110943.0	-7311.4
553	9.7	90137.0	-7338.0	643	8.0	94325.0	-7319.2	733	5.1	102152.5	-7323.7	823	9.7	110950.0	-7340.4
554	9.6	90200.0	-7304.6	644	8.7	94406.5	-7359.2	734	9.9	102154.0	-7356.3	824	9.3	111033.7	-7301.6
555	7.7	90224.0	-7341.5	645	7.4	94455.0	-7332.0	735	6.7	102212.0	-7320.2	825	9.5	111106.0	-7358.4
556	9.7	90232.0	-7305.0	646	9.3	94509.0	-7343.4	736	9.6	102243.0	-7330.1	826	9.9	111218.0	-7332.0
557	9.7	90253.7	-7301.3	647	9.2	94528.0	-7329.5	737	9.6	102249.0	-7342.7	827	9.4	111228.0	-7340.0
558	8.7	90303.0	-7310.2	648	9.8	94530.0	-7323.8	738	9.5	102258.0	-7330.4	828	7.7	111342.0	-7329.2
559	8.9	90309.0	-7335.0	649	9.4	94535.0	-7351.8	739	9.3	102300.0	-7343.2	829	7.5	111406.0	-7320.2
560	9.5	90344.0	-7350.0	650	9.6	94625.0	-7357.6	740	9.5	102430.0	-7314.0	830	9.9	111416.0	-7359.8
561	8.6	90404.0	-7336.5	651	9.9	94627.0	-7320.0	741	9.8	102450.0	-7325.5	831	9.5	111454.0	-7315.6
562	9.2	90435.0	-7334.9	652	9.9	94638.0	-7323.1	742	9.9	102534.0	-7303.7	832	8.7	111455.0	-7319.2
563	9.7	90454.0	-7306.6	653	9.6	94647.0	-7312.9	743	9.6	102610.0	-7327.6	833	9.8	111622.5	-7359.6
564	9.7	90513.0	-7307.0	654	9.9	94705.0	-7310.2	744	9.8	102712.0	-7317.1	834	8.4	111625.0	-7347.0
565	9.3	90636.0	-7353.0	655	9.6	94730.3	-7300.1	745	9.9	102715.5	-7350.9	835	9.2	111631.0	-7304.6
566	9.4	90754.0	-7329.0	656	8.7	94743.0	-7318.7	746	9.6	102729.5	-7354.2	836	9.7	111645.0	-7308.4
567	9.0	90837.0	-7313.2	657	9.8	94837.0	-7300.2	747	9.6	102937.0	-7304.5	837	9.6	111708.0	-7345.1
568	9.5	90838.0	-7334.1	658	7.8	94857.0	-7337.0	748	9.0	102945.5	-7325.7	838	9.8	111714.5	-7359.7
569	9.7	90849.0	-7315.9	659	9.6	94907.0	-7340.9	749	9.9	103024.0	-7316.7	839	9.6	111744.0	-7334.0
570	9.6	90852.0	-7357.8	660	9.8	95003.0	-7302.0	750	9.8	103034.0	-7333.4	840	9.7	111747.5	-7359.8
571	9.4	91013.0	-7348.1	661	9.3	95007.0	-7353.7	751	9.6	103044.0	-7321.1	841	9.7	111804.0	-7322.8
572	9.0	91140.0	-7312.4	662	9.6	95033.0	-7316.6	752	9.7	103213.5	-7343.2	842	9.4	111810.0	-7344.1
573	9.4	91205.0	-7356.1	663	8.8	95106.0	-7329.4	753	9.3	103237.5	-7346.2	843	9.3	111815.0	-7335.4
574	9.7	91229.0	-7306.4	664	9.8	95135.0	-7317.9	754	9.8	103241.0	-7329.3	844	9.0	111847.5	-7301.6
575	8.8	91249.0	-7328.7	665	8.8	95300.0	-7316.8	755	9.3	103245.5	-7357.3	845	9.5	111933.0	-7325.6
576	9.3	91257.0	-7326.1	666	9.9	95338.0	-7322.4	756	9.4	103427.5	-7312.0	846	9.5	111936.0	-7359.6
577	9.2	91341.0	-7314.6	667	9.0	95357.0	-7301.6	757	9.8	103541.0	-7358.7	847	9.0	111945.0	-7354.7
578	9.4	91416.0	-7338.3	668	9.8	95515.0	-7323.9	758	7.5	103619.0	-7350.7	848	9.8	112012.0	-7328.4
579	9.7	91422.0	-7314.7	669	9.9	95515.0	-7345.0	759	9.2	103738.5	-7357.4	849	9.8	112015.0	-7331.8
580	9.6	91621.0	-7346.2	670	9.4	95550.0	-7304.2	760	8.2	103751.0	-7321.9	850	9.9	112032.0	-7305.1
581	9.5	91641.0	-7316.9	671	9.8	95856.0	-7345.9	761	9.7	103811.0	-7334.4	851	8.7	112045.0	-7318.0
582	9.2	91643.0	-7344.9	672	9.9	95918.0	-7343.9	762	9.8	104023.0	-7315.2	852	8.6	112106.0	-7308.0
583	9.3	91712.0	-7325.9	673	9.4	95950.0	-7321.8	763	9.2	104025.0	-7330.1	853	9.5	112144.0	-7309.0
584	8.8	91729.0	-7318.3	674	8.8	100015.0	-7326.3	764	9.8	104203.0	-7323.0	854	8.9	112154.0	-7307.8
585	9.7	91816.0	-7320.7	675	9.3	100051.0	-7300.8	765	9.3	104237.0	-7307.6	855	8.5	112236.0	-7332.2
586	8.9	91836.0	-7319.1	676	9.3	100101.0	-7329.1	766	9.8	104245.0	-7356.2	856	9.4	112246.0	-7330.0
587	9.6	91848.0	-7320.0	677	9.5	100142.0	-7319.3	767	9.4	104317.0	-7310.6	857	9.6	112255.5	-7302.1
588	8.5	91849.0	-7318.9	678	9.9	100248.0	-7344.7	768	9.0	104343.0	-7346.8	858	9.6	112410.0	-7316.8
589	8.9	91913.0	-7322.7	679	9.5	100312.0	-7304.3	769	9.7	104353.0	-7324.6	859	9.5	112422.0	-7350.0
590	9.6	91922.0	-7315.6	680	9.4	100313.0	-7346.8	770	9.8	104425.0	-7342.3	860	9.6	112529.0	-7355.1

861	9.8	112546.0	-7337.4	951	9.2	120632.0	-7322.1	1041	9.6	124037.0	-7329.1	1131	9.4	131102.5	-7324.2
862	9.9	112603.0	-7300.9	952	9.6	120634.0	-7325.0	1042	9.6	124050.0	-7351.2	1132	9.7	131122.0	-7358.1
863	9.7	112606.0	-7336.9	953	9.5	120639.0	-7313.0	1043	9.6	124059.0	-7330.4	1133	9.6	131130.5	-7315.1
864	7.2	112639.5	-7312.8	954	9.3	120640.5	-7302.2	1044	9.6	124245.0	-7340.1	1134	9.7	131137.5	-7346.9
865	9.8	112705.5	-7302.4	955	9.1	120643.0	-7321.9	1045	9.4	124256.0	-7321.4	1135	9.6	131206.5	-7307.4
866	9.6	112808.0	-7311.9	956	8.5	120657.0	-7315.9	1046	9.1	124301.0	-7311.0	1136	9.3	131322.5	-7340.8
867	9.2	112859.5	-7347.5	957	9.6	120725.0	-7328.0	1047	9.1	124302.0	-7346.5	1137	9.6	131349.5	-7316.1
868	9.8	112903.5	-7306.4	958	9.6	120726.0	-7322.0	1048	9.6	124303.0	-7324.0	1138	7.7	131359.5	-7308.1
869	9.5	112920.5	-7338.8	959	9.3	120729.0	-7311.5	1049	9.6	124309.0	-7336.3	1139	9.6	131403.5	-7341.8
870	9.4	113015.5	-7326.1	960	9.6	120750.0	-7334.5	1050	7.5	124341.0	-7314.2	1140	9.6	131423.5	-7304.3
871	9.9	113046.0	-7333.1	961	9.6	120806.0	-7339.4	1051	8.9	124344.0	-7326.1	1141	9.4	131622.5	-7340.3
872	9.6	113102.0	-7300.0	962	9.6	120819.0	-7344.9	1052	9.6	124349.0	-7331.1	1142	9.6	131651.5	-7345.0
873	9.6	113117.5	-7317.5	963	9.6	120845.0	-7354.0	1053	9.4	124352.0	-7319.6	1143	7.6	131700.5	-7332.1
874	8.6	113140.5	-7320.7	964	9.2	120849.0	-7349.1	1054	9.0	124404.0	-7330.1	1144	9.4	131823.5	-7354.2
875	8.5	113354.0	-7307.2	965	9.6	120922.0	-7303.1	1055	9.1	124444.0	-7338.7	1145	9.6	131823.5	-7335.1
876	9.6	113514.0	-7347.0	966	9.5	120926.0	-7348.0	1056	8.9	124504.0	-7338.9	1146	9.3	131826.5	-7347.7
877	9.5	113558.0	-7305.6	967	9.5	120936.0	-7341.5	1057	9.6	124602.0	-7337.4	1147	9.6	131849.5	-7337.0
878	9.6	113609.0	-7309.1	968	7.4	121002.0	-7327.0	1058	9.6	124610.0	-7334.1	1148	9.3	131852.5	-7309.3
879	9.6	113632.0	-7310.5	969	9.6	121051.0	-7327.0	1059	9.3	124651.0	-7337.1	1149	9.4	131903.5	-7336.1
880	9.6	113647.0	-7355.6	970	9.6	121116.0	-7312.5	1060	7.2	124658.0	-7317.2	1150	9.3	132034.5	-7319.5
881	9.1	113659.0	-7310.1	971	9.6	121129.0	-7315.0	1061	9.4	124735.0	-7309.7	1151	9.4	132040.5	-7343.3
882	9.6	113719.0	-7322.8	972	9.6	121151.0	-7318.4	1062	9.0	124751.0	-7349.0	1152	9.3	132043.5	-7347.0
883	9.6	113812.0	-7313.0	973	9.3	121340.0	-7334.1	1063	9.4	124843.0	-7300.8	1153	8.6	132047.5	-7307.9
884	9.1	113906.0	-7305.1	974	9.6	121408.0	-7340.4	1064	9.1	124920.0	-7311.9	1154	9.2	132130.5	-7326.5
885	8.5	113909.0	-7315.0	975	9.6	121416.0	-7305.1	1065	9.3	124924.0	-7306.0	1155	9.2	132131.5	-7304.6
886	8.8	113919.0	-7322.1	976	9.3	121538.0	-7310.3	1066	9.6	124931.0	-7358.0	1156	9.6	132153.5	-7307.8
887	9.6	113921.0	-7300.9	977	9.5	121549.0	-7317.0	1067	9.6	124954.0	-7303.1	1157	8.8	132212.5	-7310.6
888	9.3	113943.0	-7333.0	978	9.6	121606.0	-7345.2	1068	8.1	125012.0	-7336.5	1158	8.3	132220.5	-7357.9
889	9.5	113946.0	-7312.7	979	9.6	121607.0	-7355.9	1069	9.3	125020.0	-7333.2	1159	9.4	132303.5	-7318.1
890	9.6	114056.0	-7309.0	980	9.2	121707.0	-7303.0	1070	8.9	125036.0	-7334.1	1160	9.4	132316.5	-7328.1
891	9.6	114103.0	-7301.8	981	9.6	121713.0	-7300.2	1071	9.3	125041.0	-7355.0	1161	9.4	132347.5	-7319.2
892	9.6	114109.0	-7319.1	982	9.3	121736.0	-7351.2	1072	9.6	125046.0	-7355.4	1162	8.3	132401.5	-7355.1
893	9.6	114133.0	-7300.9	983	9.6	121805.0	-7351.2	1073	9.4	125133.0	-7352.0	1163	8.8	132501.5	-7357.2
894	9.5	114236.0	-7312.8	984	9.6	121824.0	-7348.1	1074	9.1	125250.0	-7345.5	1164	8.8	132509.7	-7359.8
895	9.2	114250.0	-7356.5	985	9.2	121831.0	-7342.6	1075	9.4	125311.0	-7359.1	1165	9.4	132517.5	-7323.1
896	9.6	114424.0	-7357.9	986	8.9	121833.0	-7329.5	1076	9.3	125331.0	-7301.1	1166	9.4	132534.5	-7322.0
897	9.3	114435.0	-7307.1	987	9.6	121858.0	-7355.9	1077	9.6	125406.0	-7324.8	1167	9.6	132539.5	-7320.8
898	9.6	114441.0	-7358.8	988	9.6	121959.0	-7330.1	1078	9.6	125421.0	-7351.1	1168	9.4	132603.5	-7340.0
899	9.3	114441.0	-7349.9	989	9.6	122047.0	-7330.1	1079	9.2	125434.0	-7316.1	1169	9.6	132604.2	-7359.9
900	9.5	114508.0	-7305.5	990	9.6	122111.0	-7304.1	1080	9.6	125444.0	-7353.8	1170	9.3	132635.0	-7329.4
901	9.5	114555.0	-7348.1	991	9.6	122135.0	-7321.1	1081	9.4	125524.0	-7331.1	1171	9.6	132813.0	-7317.7
902	9.3	114720.0	-7316.9	992	9.5	122217.0	-7305.3	1082	9.4	125610.0	-7319.1	1172	9.6	132816.0	-7333.3
903	8.6	114724.0	-7350.6	993	9.3	122225.0	-7330.7	1083	9.6	125711.0	-7321.1	1173	9.6	132843.5	-7318.0
904	9.6	114810.0	-7310.9	994	9.3	122434.0	-7356.9	1084	9.6	125737.0	-7355.1	1174	9.6	132921.0	-7328.3
905	8.7	114843.0	-7331.9	995	9.6	122435.0	-7318.2	1085	9.6	125743.0	-7318.4	1175	9.6	132935.5	-7333.3
906	9.2	114954.0	-7306.0	996	9.6	122452.0	-7306.1	1086	9.6	125808.0	-7350.6	1176	9.3	132942.5	-7306.4
907	9.2	114959.0	-7343.6	997	9.2	122504.5	-7358.1	1087	9.6	125813.3	-7302.5	1177	8.4	132958.0	-7326.4
908	9.6	115008.5	-7301.0	998	9.3	122518.0	-7347.8	1088	9.6	125824.0	-7306.1	1178	9.4	133044.0	-7317.7
909	9.1	115205.0	-7321.4	999	9.6	122540.0	-7314.8	1089	9.6	125841.5	-7358.7	1179	9.6	133103.0	-7323.2
910	9.3	115235.0	-7354.8	1000	9.5	122613.0	-7316.0	1090	9.4	125842.5	-7359.6	1180	9.3	133259.0	-7342.0
911	9.6	115240.0	-7320.9	1001	9.6	122638.0	-7353.8	1091	9.3	125914.0	-7309.5	1181	9.6	133301.0	-7302.7
912	9.2	115240.0	-7305.9	1002	9.6	122649.0	-7324.3	1092	9.6	130008.0	-7303.6	1182	9.6	133317.0	-7302.3
913	8.2	115250.0	-7318.7	1003	9.5	122802.0	-7344.7	1093	9.6	130039.0	-7305.3	1183	9.6	133355.5	-7357.8
914	9.6	115329.0	-7320.7	1004	9.6	122828.0	-7329.9	1094	9.4	130107.0	-7309.0	1184	7.1	133403.5	-7300.4
915	9.6	115352.0	-7334.8	1005	9.5	122849.0	-7352.7	1095	9.3	130119.0	-7308.0	1185	9.4	133424.0	-7329.6
916	9.6	115415.0	-7343.9	1006	9.3	122852.5	-7326.2	1096	9.6	130129.0	-7324.5	1186	9.1	133526.5	-7300.8
917	9.6	115419.0	-7334.0	1007	9.5	122857.5	-7306.2	1097	9.1	130203.0	-7350.3	1187	9.2	133535.0	-7320.5
918	9.2	115457.0	-7322.1	1008	9.6	122919.0	-7353.8	1098	9.6	130247.0	-7305.1	1188	8.6	133548.0	-7316.9
919	9.2	115509.0	-7341.9	1009	9.6	122941.5	-7312.5	1099	9.6	130257.0	-7347.0	1189	9.3	133626.0	-7350.6
920	9.2	115522.0	-7325.3	1010	9.2	122945.0	-7320.3	1100	9.6	130300.0	-7328.1	1190	9.6	133643.0	-7317.1
921	9.6	115610.0	-7353.9	1011	9.6	123000.0	-7315.0	1101	9.6	130310.0	-7317.0	1191	9.6	133710.0	-7355.1
922	8.7	115614.3	-7356.8	1012	9.3	123000.7	-7357.2	1102	9.6	130311.0	-7339.3	1192	9.1	133724.0	-7335.2
923	9.6	115617.0	-7317.3	1013	9.6	123013.0	-7324.0	1103	9.6	130350.0	-7358.0	1193	9.6	133734.0	-7332.8
924	7.6	115719.0	-7331.0	1014	9.6	123052.0	-7305.1	1104	9.6	130357.5	-7304.1	1194	9.0	133743.0	-7330.7
925	9.6	115724.0	-7311.2	1015	8.9	123112.5	-7353.1	1105	7.7	130424.0	-7321.2	1195	9.2	133750.0	-7319.5
926	9.2	115810.0	-7359.0	1016	8.2	123133.0	-7359.6	1106	9.6	130457.0	-7359.0	1196	9.6	133825.0	-7336.1
927	9.5	115818.5	-7301.7	1017	9.6	123136.5	-7314.2	1107	9.4	130500.0	-7344.1	1197	9.6	133909.0	-7338.8
928	9.5	115824.0	-7355.0	1018	8.3	123157.0	-7334.2	1108	8.3	130506.0	-7313.1	1198	9.6	133914.0	-7318.8
929	9.6	115842.0	-7356.5	1019	9.6	123301.5	-7330.9	1109	9.4	130516.3	-7300.0	1199	9.0	133933.0	-7334.3
930	9.6	115848.0	-7323.5	1020	8.6	123325.0	-7337.7	1110	9.6	130523.0	-7348.1	1200	9.3	134123.0	-7350.8
931	9.6	115859.0	-7320.6	1021	8.3	123354.5	-7332.1	1111	8.5	130530.0	-7324.4	1201	9.6	134210.5	-7300.1
932	9.6	115920.0	-7301.1	1022	9.6	123408.0	-7355.0	1112	8.6	130533.7	-7357.7	1202	9.4	134232.0	-7339.9
933	9.6	115944.0	-7313.0	1023	9.6	123422.0	-7337.1	1113	9.6	130534.0	-7335.1	1203	9.6	134244.0	-7347.7
934	9.6	115954.0	-7300.8	1024	9.2	123455.0	-7353.9	1114	9.6	130548.5	-7317.5	1204	8.5	134318.0	-7322.9
935	8.3	120023.0	-7337.5	1025	8.8	123548.0	-7354.9	1115	9.6	130557.5	-7338.8	1205	9.6	134332.0	-7332.6
936	9.1	120056.0	-7304.5	1026	9.6	123548.0	-7348.3	1116	9.4	130606.5	-7322.8	1206	9.2	134346.0	-7318.8
937	9.1	120105.0	-7340.2	1027	9.6	123606.0	-7321.6	1117	8.9	130625.5	-7336.0	1207	9.4	134359.0	-7342.0
938	9.6	120112.0	-7353.9	1028	8.8	123630.0	-7349.1	1118	9.4	130636.5	-7309.5	1208	9.6	134403.0	-7325.3
939	9.6	120115.0	-7344.9	1029	9.4	123640.0	-7329.3	1119	9.6	130657.5	-7322.7	1209	9.6	134442.0	-7343.2
940	9.6	120151.0	-7339.8	1030	9.6	123658.0	-7349.0	1120	9.6	130707.5	-7358.1	1210	8.4	134502.0	-7304.0
941	9.6	120216.0	-7305.5	1031	9.0	123619.8	-7300.6	1121	9.6	130723.5	-7316.5	1211	9.6	134512.0	-7314.0
942	9.6	120306.0	-7334.1	1032	7.5	123720.0	-7306.7	1122	9.6	130744.5	-7310.0	1212	9.6	134515.0	-7332.9
943	9.6	120322.0	-7339.6	1033	8.3	123726.0	-7315.6	1123	9.4	130809.5	-7341.1	1213	9.6	134544.0	-7347.8
944	9.5	120324.0	-7310.8	1034	9.3	123734.0	-7333.5	1124	9.6	130820.5	-7332.2	1214	8.4	134548.0	-7358.1
945	9.5	120411.0	-7341.2	1035	9.6	123735.0	-7309.1	1125	9.3	130831.5	-7359.5	1215	8.8	134553.0	-7353.3
946	9.1	120524.0	-7323.0	1036	9.3	123749.0	-7306.2	1126	9.6	130853.5	-7304.1	1216	9.4	134603.0	-7353.9
947	9.5	120528.0	-7329.7	1037	8.5	123931.0	-7307.6	1127	9.4	130926.5	-7321.1	1217	9.6	134606.0	-7312.0
948	9.6	120532.0	-7353.3	1038	9.6	123942.0	-7307.1	1128	8.9	131000.5	-7309.5	1218	9.6	134606.3	-7301.4
949	9.6	120550.0	-7341.0	1039	9.1	124012.0	-7325.9	1129	9.3	131015.5	-7307.2	1219	9.0	134608.5	-7312.2
950	9.3	120555.0	-7313.9	1040	9.6	124012.0	-7338.1	1130	9.6	131102.5	-7306.6	1220	9.6	134724.5	-7349.9

-73 1221 13h47m

-73 1580 15h16m

1221	7.3	134730.5	-7301.7	1311	10.0	142548.0	-7321.0	1401	10.0	144452.9	-7344.7	1491	9.8	150259.0	-7324.0
1222	9.6	134731.5	-7309.2	1312	9.5	142631.7	-7327.5	1402	9.7	144504.4	-7334.6	1492	9.9	150300.5	-7302.3
1223	9.6	134741.5	-7311.6	1313	8.9	142651.2	-7324.1	1403	9.7	144520.9	-7349.8	1493	10.0	150302.0	-7355.8
1224	9.6	134749.5	-7306.8	1314	9.2	142709.0	-7310.0	1404	9.6	144532.4	-7335.9	1494	9.9	150312.5	-7352.5
1225	9.6	134759.5	-7320.7	1315	9.3	142718.5	-7327.0	1405	9.9	144603.4	-7349.5	1495	9.4	150319.5	-7339.8
1226	9.6	134845.5	-7322.2	1316	9.7	142720.7	-7348.7	1406	9.9	144606.4	-7330.9	1496	9.6	150321.0	-7343.6
1227	9.0	134927.5	-7305.3	1317	10.0	142750.0	-7309.6	1407	9.3	144640.9	-7339.8	1497	9.2	150326.0	-7305.5
1228	9.6	135137.5	-7347.5	1318	10.0	142757.5	-7319.7	1408	8.4	144657.9	-7316.9	1498	9.4	150349.5	-7349.3
1229	9.6	135140.5	-7346.2	1319	8.2	142811.5	-7306.5	1409	8.2	144719.9	-7301.9	1499	8.4	150350.0	-7312.5
1230	9.6	135231.5	-7327.4	1320	10.0	142831.0	-7349.8	1410	7.9	144725.4	-7344.2	1500	10.0	150350.0	-7315.7
1231	9.6	135305.5	-7326.6	1321	9.7	142836.0	-7313.3	1411	9.6	144740.1	-7320.5	1501	10.0	150353.0	-7338.9
1232	9.4	135326.5	-7323.0	1322	8.2	142844.2	-7316.9	1412	8.0	144740.9	-7309.9	1502	9.4	150412.5	-7301.8
1233	9.6	135451.5	-7318.3	1323	9.2	142902.8	-7316.1	1413	9.0	144743.1	-7359.4	1503	9.2	150412.7	-7336.8
1234	9.3	135452.5	-7317.2	1324	10.0	142911.5	-7328.1	1414	9.4	144757.1	-7323.3	1504	8.9	150420.7	-7314.8
1235	9.7	135503.5	-7348.4	1325	9.2	142916.2	-7315.4	1415	9.4	144800.1	-7315.2	1505	9.4	150426.7	-7314.6
1236	9.3	135531.5	-7313.8	1326	9.4	142918.5	-7327.2	1416	8.2	144802.1	-7317.4	1506	10.0	150443.7	-7313.9
1237	7.9	135552.5	-7353.3	1327	9.9	142939.0	-7333.9	1417	9.5	144811.6	-7342.8	1507	9.4	150449.2	-7338.7
1238	9.4	135555.5	-7313.3	1328	9.4	142954.7	-7331.3	1418	9.4	144813.1	-7322.6	1508	8.2	150458.7	-7341.2
1239	9.6	135614.5	-7330.2	1329	8.4	143007.0	-7346.2	1419	10.0	144816.1	-7331.4	1509	9.7	150531.2	-7319.4
1240	9.4	135709.5	-7325.5	1330	10.0	143010.0	-7307.7	1420	9.4	144819.6	-7319.7	1510	10.0	150532.7	-7303.2
1241	9.3	135840.5	-7350.8	1331	9.7	143010.5	-7348.1	1421	9.9	144820.6	-7321.1	1511	10.0	150533.7	-7303.7
1242	9.6	135929.5	-7303.3	1332	10.0	143018.0	-7328.3	1422	9.9	144833.1	-7325.5	1512	10.0	150552.2	-7331.9
1243	8.5	135952.5	-7332.3	1333	8.8	143021.0	-7330.2	1423	10.0	144836.1	-7340.6	1513	9.6	150554.7	-7309.0
1244	9.1	135954.5	-7348.9	1334	8.4	143031.0	-7334.7	1424	9.9	144858.6	-7345.5	1514	10.0	150638.5	-7359.4
1245	9.6	140117.5	-7338.9	1335	9.2	143037.0	-7317.2	1425	10.0	144900.1	-7344.9	1515	9.7	150639.2	-7310.1
1246	9.0	140212.5	-7321.7	1336	9.8	143111.0	-7319.9	1426	9.7	144908.6	-7356.5	1516	8.9	150652.2	-7332.8
1247	9.4	140229.5	-7342.3	1337	9.7	143121.5	-7321.3	1427	10.0	144921.6	-7325.4	1517	10.0	150701.7	-7302.4
1248	7.9	140244.5	-7307.2	1338	9.3	143133.5	-7337.2	1428	9.5	144943.1	-7336.7	1518	10.0	150707.7	-7302.6
1249	9.4	140254.5	-7321.7	1339	10.0	143136.5	-7353.3	1429	9.4	145004.1	-7354.7	1519	10.0	150711.7	-7336.4
1250	9.4	140259.5	-7337.1	1340	7.8	143150.3	-7325.8	1430	10.0	145008.1	-7308.9	1520	10.0	150714.7	-7347.1
1251	9.6	140324.5	-7307.9	1341	9.0	143159.0	-7320.6	1431	10.0	145010.6	-7300.6	1521	9.9	150720.2	-7334.6
1252	9.3	140340.5	-7315.2	1342	9.8	143200.0	-7340.6	1432	9.5	145011.1	-7328.1	1522	9.4	150728.2	-7329.1
1253	9.6	140344.5	-7302.1	1343	9.4	143202.5	-7312.6	1433	9.4	145017.1	-7319.6	1523	10.0	150740.7	-7323.9
1254	9.6	140356.5	-7340.4	1344	9.9	143203.0	-7352.2	1434	9.5	145034.1	-7311.7	1524	9.9	150742.7	-7304.7
1255	9.6	140404.5	-7303.1	1345	10.0	143246.0	-7312.4	1435	9.6	145043.1	-7356.0	1525	10.0	150823.5	-7356.8
1256	9.6	140437.5	-7339.8	1346	8.4	143246.2	-7330.8	1436	9.9	145047.6	-7345.2	1526	9.8	150825.0	-7330.8
1257	9.6	140439.5	-7308.2	1347	8.9	143248.7	-7304.4	1437	9.9	145048.6	-7325.2	1527	6.6	150841.5	-7356.5
1258	9.6	140521.5	-7351.1	1348	9.0	143254.5	-7330.0	1438	9.6	145053.1	-7355.3	1528	9.8	150842.0	-7329.9
1259	9.6	140537.5	-7328.0	1349	9.4	143325.2	-7343.0	1439	8.8	145059.1	-7333.4	1529	10.0	150849.0	-7331.2
1260	8.7	140542.5	-7306.1	1350	9.8	143431.7	-7347.9	1440	9.9	145117.6	-7324.6	1530	8.9	150851.5	-7308.9
1261	9.6	140621.3	-7301.7	1351	9.6	143442.8	-7357.9	1441	9.7	145132.6	-7305.7	1531	9.2	150855.0	-7356.3
1262	9.4	140624.5	-7326.1	1352	10.0	143510.5	-7326.1	1442	10.0	145144.1	-7337.7	1532	10.0	150858.0	-7354.4
1263	9.4	140645.5	-7347.8	1353	9.8	143544.0	-7319.9	1443	9.5	145201.6	-7341.3	1533	9.2	150902.5	-7307.3
1264	9.3	140723.5	-7305.0	1354	9.5	143550.0	-7352.1	1444	9.5	145204.6	-7335.4	1534	9.4	150903.0	-7316.9
1265	8.8	140731.5	-7355.6	1355	9.9	143559.0	-7317.5	1445	8.8	145206.6	-7322.4	1535	8.8	150921.0	-7317.8
1266	9.2	140807.5	-7320.8	1356	9.8	143604.0	-7347.4	1446	10.0	145210.1	-7333.3	1536	9.9	150934.5	-7355.9
1267	6.6	140818.5	-7323.2	1357	10.0	143628.5	-7305.7	1447	10.0	145216.1	-7307.6	1537	9.8	150940.5	-7333.5
1268	9.3	140954.5	-7321.2	1358	9.5	143641.0	-7307.3	1448	8.5	145221.1	-7323.5	1538	9.5	150946.0	-7346.5
1269	9.0	141004.5	-7339.1	1359	9.8	143650.7	-7358.5	1449	9.5	145227.6	-7348.7	1539	9.6	150948.5	-7333.4
1270	9.6	141012.5	-7307.8	1360	8.6	143654.0	-7323.7	1450	9.4	145229.1	-7336.0	1540	8.4	150954.0	-7338.0
1271	9.6	141122.5	-7326.4	1361	9.8	143653.5	-7339.3	1451	9.8	145256.6	-7347.3	1541	9.5	151000.5	-7352.0
1272	9.3	141142.5	-7335.9	1362	9.6	143701.5	-7312.3	1452	9.4	145306.6	-7309.6	1542	9.8	151004.0	-7302.2
1273	9.4	141156.5	-7346.4	1363	10.0	143743.2	-7325.7	1453	9.7	145326.1	-7356.2	1543	8.2	151007.0	-7343.8
1274	9.6	141158.5	-7344.6	1364	9.8	143800.7	-7325.1	1454	8.6	145336.1	-7343.5	1544	9.6	151023.5	-7342.3
1275	8.8	141214.5	-7330.1	1365	10.0	143822.7	-7317.3	1455	9.4	145337.1	-7321.1	1545	9.4	151120.0	-7324.7
1276	9.2	141234.5	-7313.2	1366	10.0	143831.2	-7327.4	1456	9.8	145339.6	-7340.7	1546	10.0	151132.5	-7341.7
1277	9.6	141343.5	-7326.5	1367	9.5	143900.2	-7313.4	1457	10.0	145346.6	-7332.3	1547	9.9	151138.5	-7333.5
1278	9.6	141441.5	-7305.7	1368	9.4	143908.7	-7312.3	1458	8.9	145404.6	-7345.6	1548	8.8	151144.5	-7336.5
1279	7.9	141501.5	-7350.9	1369	9.8	143917.2	-7337.0	1459	9.9	145422.9	-7301.9	1549	9.4	151156.0	-7342.0
1280	8.5	141541.5	-7315.3	1370	9.8	143920.7	-7333.5	1460	10.0	145427.4	-7354.3	1550	9.8	151206.0	-7342.7
1281	9.6	141624.5	-7321.7	1371	9.8	143922.7	-7325.4	1461	8.8	145443.9	-7320.0	1551	9.5	151212.2	-7341.1
1282	9.3	141633.5	-7307.3	1372	9.5	143923.2	-7309.4	1462	9.9	145444.9	-7355.2	1552	9.4	151300.7	-7303.4
1283	9.3	141639.5	-7300.3	1373	9.6	143924.7	-7317.2	1463	9.4	145510.9	-7320.0	1553	10.0	151308.7	-7316.0
1284	9.6	141700.5	-7312.8	1374	10.0	143927.7	-7329.2	1464	10.0	145513.9	-7350.7	1554	9.7	151316.7	-7351.9
1285	9.4	141711.0	-7344.9	1375	9.4	143949.7	-7326.0	1465	10.0	145530.4	-7327.0	1555	10.0	151333.7	-7347.0
1286	9.2	141727.0	-7324.7	1376	8.6	144000.7	-7341.8	1466	10.0	145610.6	-7356.8	1556	9.9	151334.2	-7305.1
1287	8.9	141743.0	-7357.2	1377	10.0	144010.7	-7304.9	1467	9.8	145615.9	-7306.9	1557	10.0	151345.2	-7357.0
1288	9.0	141754.0	-7334.1	1378	10.0	144035.6	-7321.0	1468	9.4	145617.9	-7324.3	1558	9.5	151346.7	-7304.8
1289	9.6	141814.0	-7350.9	1379	10.0	144038.7	-7321.5	1469	9.4	145627.9	-7344.6	1559	8.4	151347.7	-7323.8
1290	9.6	141820.0	-7303.4	1380	9.3	144042.2	-7312.6	1470	10.0	145630.4	-7320.7	1560	10.0	151355.2	-7325.9
1291	8.8	141827.0	-7335.0	1381	9.9	144103.7	-7336.0	1471	9.6	145643.4	-7354.8	1561	9.9	151358.2	-7325.5
1292	9.3	141834.0	-7304.4	1382	9.4	144119.2	-7330.5	1472	9.6	145652.4	-7344.7	1562	10.0	151408.7	-7326.8
1293	9.6	141913.0	-7337.4	1383	9.5	144119.4	-7334.3	1473	8.9	145707.9	-7356.6	1563	10.0	151413.7	-7336.2
1294	9.0	141923.0	-7304.0	1384	10.0	144119.4	-7352.4	1474	9.4	145716.4	-7336.8	1564	9.7	151423.6	-7301.7
1295	8.5	141926.0	-7349.9	1385	9.5	144120.2	-7325.1	1475	8.8	145716.9	-7355.3	1565	9.2	151429.2	-7343.5
1296	9.6	142018.5	-7357.0	1386	9.5	144157.4	-7308.9	1476	8.9	145718.9	-7333.8	1566	9.2	151455.7	-7312.7
1297	9.6	142040.0	-7312.9	1387	9.6	144246.4	-7329.5	1477	9.4	145730.4	-7357.7	1567	10.0	151510.7	-7351.9
1298	8.9	142150.0	-7313.9	1388	10.0	144254.4	-7303.0	1478	8.6	145750.9	-7322.8	1568	9.7	151521.2	-7335.5
1299	9.6	142213.0	-7344.0	1389	8.6	144259.9	-7354.5	1479	10.0	145756.4	-7316.7	1569	10.0	151522.4	-7352.7
1300	9.6	142217.0	-7341.4	1390	8.6	144301.9	-7314.3	1480	10.0	145839.9	-7345.9	1570	9.0	151533.2	-7301.1
1301	8.4	142257.0	-7344.8	1391	9.4	144325.9	-7340.5	1481	9.9	145858.9	-7337.3	1571	9.8	151541.7	-7343.0
1302	8.1	142325.0	-7308.4	1392	9.6	144327.4	-7335.7	1482	9.9	145912.4	-7304.6	1572	8.7	151543.2	-7341.6
1303	9.6	142339.0	-7332.9	1393	9.5	144332.9	-7300.7	1483	10.0	145920.0	-7352.7	1573	10.0	151544.7	-7326.0
1304	9.6	142355.0	-7338.1	1394	9.9	144335.9	-7308.2	1484	9.2	145938.0	-7351.7	1574	9.7	151606.7	-7342.5
1305	9.2	142442.0	-7318.5	1395	10.0	144344.9	-7333.7	1485	10.0	145950.4	-7348.7	1575	9.5	151640.7	-7332.4
1306	9.3	142500.0	-7359.7	1396	8.4	144403.4	-7323.4	1486	10.0	150008.0	-7343.7	1576	10.0	151642.7	-7355.5
1307	9.6	142500.0	-7315.9	1397	9.5	144412.4	-7322.4	1487	9.7	150012.5	-7327.8	1577	9.5	151646.2	-7307.0
1308	9.4	142510.0	-7317.6	1398	9.4	144420.9	-7324.0	1488	10.0	150102.0	-7332.3	1578	8.7	151648.7	-7334.1
1309	9.2	142514.2	-7354.8	1399	9.2	144426.1	-7358.9	1489	10.0	150155.0	-7342.8	1579	9.5	151653.2	-7316.9
1310	9.2	142525.0	-7331.8	1400	9.9	144449.9	-7352.7	1490	9.4	150255.0	-7322.1	1580	9.6	151658.7	-7305.9

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1581	10.0	151704.2	-7309.7
1582	9.6	151704.7	-7345.7
1583	9.4	151707.7	-7341.0
1584	9.0	151708.7	-7320.9
1585	8.9	151717.7	-7338.2
1586	8.9	151736.7	-7338.9
1587	9.8	151743.7	-7317.9
1588	10.0	151811.7	-7302.7
1589	9.4	151844.7	-7322.0
1590	9.0	151908.2	-7354.6
1591	9.9	151913.7	-7343.0
1592	9.8	151922.7	-7313.8
1593	8.4	151934.2	-7306.8
1594	9.3	151942.7	-7331.8
1595	9.8	151945.2	-7342.0
1596	8.7	152006.5	-7341.3
1597	10.0	152020.0	-7312.0
1598	8.8	152045.5	-7343.0
1599	9.8	152101.5	-7328.5
1600	10.0	152118.0	-7335.3
1601	9.8	152125.0	-7306.7
1602	9.8	152143.0	-7358.4
1603	10.0	152204.0	-7322.0
1604	9.8	152205.5	-7358.0
1605	10.0	152214.5	-7341.3
1606	9.5	152215.0	-7337.3
1607	8.4	152224.5	-7355.8
1608	9.9	152226.5	-7324.9
1609	10.0	152301.0	-7347.7
1610	9.6	152313.5	-7318.6
1611	10.0	152324.5	-7322.0
1612	10.0	152333.5	-7340.3
1613	9.2	152345.5	-7307.5
1614	9.4	152349.0	-7302.6
1615	9.5	152415.6	-7301.6
1616	9.8	152419.0	-7315.5
1617	9.5	152427.0	-7314.9
1618	10.0	152433.0	-7322.7
1619	9.8	152445.1	-7300.0
1620	10.0	152445.5	-7317.9
1621	10.0	152511.5	-7323.1
1622	9.4	152552.6	-7302.0
1623	9.8	152600.1	-7341.3
1624	9.4	152611.6	-7337.0
1625	6.0	152632.8	-7301.9
1626	8.2	152636.1	-7303.3
1627	8.9	152701.3	-7313.9
1628	9.5	152713.1	-7329.3
1629	9.8	152715.1	-7343.6
1630	9.8	152736.6	-7339.0
1631	10.0	152742.1	-7321.8
1632	10.0	152744.8	-7358.7
1633	9.9	152756.1	-7303.8
1634	10.0	152800.6	-7302.3
1635	9.0	152840.3	-7314.6
1636	10.0	152911.1	-7302.1
1637	9.0	152927.6	-7331.3
1638	8.8	152930.8	-7339.1
1639	9.4	152931.1	-7307.6
1640	9.5	153006.1	-7352.9
1641	9.8	153051.0	-7305.0
1642	9.4	153100.0	-7339.8
1643	9.8	153115.5	-7343.6
1644	9.9	153124.0	-7318.1
1645	9.4	153200.0	-7334.7
1646	9.6	153207.0	-7303.8
1647	10.0	153221.5	-7345.9
1648	9.4	153235.0	-7300.5
1649	7.5	153251.2	-7338.6
1650	10.0	153304.0	-7310.8
1651	9.6	153330.5	-7344.9
1652	10.0	153350.5	-7354.1
1653	10.0	153351.0	-7359.0
1654	9.8	153358.0	-7307.4
1655	10.0	153405.0	-7302.7
1656	9.0	153415.5	-7357.1
1657	10.0	153421.5	-7330.5
1658	8.8	153454.7	-7352.4
1659	10.0	153540.0	-7334.1
1660	10.0	153551.0	-7307.8
1661	9.8	153559.5	-7322.1
1662	9.6	153600.0	-7330.9
1663	9.0	153612.7	-7336.2
1664	9.4	153622.7	-7335.0
1665	9.8	153628.0	-7300.5
1666	10.0	153629.5	-7358.3
1667	9.8	153650.5	-7352.2
1668	9.8	153651.0	-7307.2
1669	9.0	153651.5	-7357.1
1670	9.2	153818.0	-7312.8
1671	9.1	153853.0	-7331.3
1672	9.1	153927.0	-7347.7
1673	8.8	153942.0	-7311.8
1674	8.6	154006.0	-7304.1
1675	9.2	154443.0	-7302.8
1676	9.3	154445.0	-7319.8
1677	9.3	154552.0	-7303.9
1678	9.3	154603.0	-7307.8
1679	8.8	154617.0	-7314.4
1680	9.3	154620.0	-7342.0
1681	9.5	154638.5	-7314.9
1682	9.3	154730.0	-7321.5
1683	7.2	154756.0	-7309.1
1684	7.6	154835.0	-7313.6
1685	9.0	154902.0	-7346.3
1686	9.2	155046.0	-7332.4
1687	9.3	155118.0	-7304.0
1688	9.1	155118.0	-7333.7
1689	9.3	155320.0	-7358.0
1690	9.0	155333.5	-7357.9
1691	8.2	155341.0	-7349.5
1692	9.0	155403.0	-7328.2
1693	9.3	155417.0	-7303.8
1694	9.1	155458.0	-7351.7
1695	8.6	155518.0	-7350.7
1696	9.0	155442.0	-7337.9
1697	9.3	155559.0	-7349.6
1698	9.2	155619.0	-7302.8
1699	9.2	155642.0	-7325.1
1700	9.3	155656.0	-7356.1
1701	9.2	155701.0	-7309.4
1702	9.3	155707.0	-7300.8
1703	9.4	155725.5	-7359.8
1704	9.1	155730.0	-7344.3
1705	9.0	155847.0	-7326.2
1706	9.3	155911.0	-7334.9
1707	8.8	160020.0	-7313.3
1708	9.2	160052.0	-7356.5
1709	9.5	160053.0	-7308.0
1710	9.0	160152.0	-7349.4
1711	9.3	160206.0	-7334.2
1712	9.3	160312.0	-7324.5
1713	8.2	160507.5	-7359.5
1714	9.2	160556.5	-7302.1
1715	9.3	160709.0	-7343.1
1716	9.2	160752.0	-7342.9
1717	9.2	160814.0	-7354.2
1718	9.0	160826.0	-7313.0
1719	9.3	160904.0	-7347.1
1720	9.4	160930.0	-7307.5
1721	9.0	160948.0	-7351.8
1722	9.3	161019.0	-7307.6
1723	9.5	161022.0	-7319.3
1724	9.0	161040.0	-7313.5
1725	9.4	161204.0	-7345.0
1726	8.8	161335.0	-7342.2
1727	9.2	161400.0	-7327.2
1728	9.2	161441.0	-7314.6
1729	9.0	161509.0	-7346.9
1730	8.8	161538.0	-7309.8
1731	8.7	161647.0	-7344.4
1732	9.4	161655.0	-7317.4
1733	9.3	161953.0	-7317.6
1734	8.6	162103.0	-7312.9
1735	9.1	162121.0	-7319.0
1736	9.2	162211.0	-7317.1
1737	9.3	162252.0	-7328.2
1738	9.3	162404.0	-7348.2
1739	9.4	162418.0	-7358.4
1740	9.3	162429.0	-7317.1
1741	9.3	162459.0	-7341.7
1742	9.4	162545.0	-7331.6
1743	9.2	162623.0	-7300.1
1744	8.2	162645.5	-7310.6
1745	9.4	162811.0	-7310.4
1746	9.4	162825.0	-7335.1
1747	9.4	162836.0	-7306.5
1748	9.0	162920.0	-7311.9
1749	9.4	163001.0	-7326.1
1750	9.3	163045.0	-7303.6
1751	9.4	163047.0	-7314.9
1752	9.3	163201.5	-7321.6
1753	9.2	163215.0	-7340.0
1754	9.4	163441.0	-7336.9
1755	9.4	163459.0	-7320.3
1756	9.4	163501.0	-7305.9
1757	9.1	163533.5	-7320.0
1758	9.3	163613.0	-7327.4
1759	6.7	163624.5	-7329.8
1760	9.4	163634.0	-7330.5

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1761	9.4	163635.0	-7317.6
1762	9.2	163725.5	-7359.4
1763	9.4	163738.0	-7300.9
1764	9.2	163801.0	-7342.8
1765	9.1	163809.0	-7322.2
1766	9.4	163829.0	-7346.0
1767	9.5	163837.0	-7358.0
1768	9.2	163851.0	-7321.9
1769	9.4	163922.0	-7321.4
1770	9.4	163931.5	-7301.8
1771	9.2	164056.0	-7329.9
1772	9.4	164115.0	-7326.8
1773	9.4	164121.5	-7359.9
1774	9.1	164301.0	-7322.8
1775	6.9	164439.0	-7313.1
1776	9.2	164543.0	-7318.9
1777	9.2	164559.0	-7326.0
1778	9.4	164646.0	-7331.0
1779	8.9	164750.0	-7326.0
1780	8.9	164809.0	-7347.9
1781	8.8	164845.0	-7307.5
1782	8.9	164945.0	-7334.9
1783	9.3	164958.0	-7350.8
1784	9.1	165027.0	-7308.0
1785	9.3	165101.0	-7305.9
1786	9.3	165151.0	-7342.8
1787	9.3	165157.0	-7322.8
1788	9.0	165209.0	-7353.5
1789	9.4	165214.0	-7319.5
1790	9.2	165225.5	-7332.8
1791	9.3	165313.5	-7357.1
1792	8.9	165419.0	-7347.8
1793	8.6	165451.0	-7324.6
1794	9.3	165510.0	-7315.4
1795	9.3	165511.0	-7312.0
1796	9.3	165513.0	-7349.2
1797	9.0	165517.0	-7330.5
1798	8.2	165613.0	-7342.6
1799	9.0	165617.0	-7303.9
1800	8.6	165659.0	-7344.3
1801	9.3	165705.0	-7325.9
1802	8.8	165719.0	-7321.8
1803	9.4	165745.0	-7329.4
1804	9.3	165829.0	-7314.9
1805	9.4	165857.0	-7301.2
1806	8.8	170036.0	-7329.9
1807	9.3	170122.0	-7348.0
1808	9.2	170126.0	-7304.4
1809	9.0	170146.0	-7323.1
1810	9.4	170147.0	-7339.2
1811	9.4	170239.0	-7324.9
1812	9.4	170244.0	-7303.9
1813	7.9	170249.0	-7345.3
1814	8.9	170257.0	-7300.7
1815	9.1	170317.0	-7316.0
1816	8.7	170326.0	-7322.1
1817	9.2	170435.0	-7357.9
1818	8.9	170458.0	-7336.3
1819	9.5	170504.0	-7320.8
1820	9.3	170505.0	-7320.2
1821	9.1	170728.0	-7305.3
1822	9.1	170800.0	-7340.9
1823	8.2	170928.0	-7312.9
1824	9.4	170942.0	-7314.1
1825	9.2	170956.0	-7331.1
1826	8.5	171002.0	-7311.6
1827	8.4	171049.5	-7301.6
1828	9.1	171133.0	-7334.5
1829	9.3	171228.0	-7314.1
1830	9.3	171246.0	-7328.6
1831	9.2	171252.0	-7306.2
1832	9.4	171253.0	-7304.8
1833	9.4	171356.0	-7302.5
1834	8.4	171412.0	-7301.9
1835	9.3	171416.0	-7331.0
1836	9.1	171433.0	-7304.9
1837	9.4	171510.0	-7322.7
1838	9.0	171546.0	-7303.0
1839	9.3	171629.0	-7327.3
1840	9.4	171731.0	-7308.1
1841	9.4	171841.0	-7352.2
1842	9.2	171847.0	-7320.8
1843	9.2	172057.0	-7351.0
1844	9.0	172101.0	-7339.0
1845	9.1	172153.0	-7333.5
1846	8.9	172217.0	-7316.9
1847	9.4	172305.0	-7356.9
1848	9.0	172313.0	-7307.4
1849	8.2	172421.0	-7337.6
1850	9.2	172529.0	-7315.1
1851	9.3	172621.0	-7326.8
1852	7.1	172646.5	-7318.8
1853	9.4	172657.0	-7307.9
1854	9.2	172717.0	-7357.3
1855	9.4	172745.0	-7334.9
1856	9.1	172751.0	-7331.9
1857	9.4	172850.0	-7305.2
1858	9.1	172857.0	-7305.1
1859	9.4	172907.0	-7354.7
1860	8.8	173034.5	-7304.7
1861	9.1	173139.0	-7354.6
1862	9.5	173224.0	-7304.0
1863	8.4	173338.0	-7304.2
1864	9.0	173910.0	-7326.0
1865	8.8	173958.0	-7344.1
1866	9.4	174006.0	-7314.1
1867	9.4	174102.4	-7300.9
1868	8.3	174311.0	-7337.2
1869	8.5	174346.0	-7337.8
1870	9.3	174451.0	-7332.1
1871	9.4	174501.0	-7324.2
1872	8.4	174518.0	-7339.5
1873	9.2	174601.0	-7354.0
1874	9.4	174613.0	-7351.3
1875	9.8	174620.0	-7301.2
1876	9.0	174711.0	-7338.4
1877	9.4	174826.0	-7339.6
1878	9.2	174850.0	-7302.1
1879	9.4	174903.0	-7310.9
1880	9.3	174937.7	-7300.1
1881	7.5	174958.0	-7359.9
1882	9.4	175148.0	-7304.3
1883	8.8	175155.0	-7305.9
1884	9.4	175216.0	-7303.0
1885	9.2	175400.0	-7330.9
1886	9.1	175420.0	-7347.9
1887	9.4	175540.0	-7312.9
1888	6.7	175641.0	-7340.6
1889	9.4	180220.0	-7328.2
1890	9.4	180247.0	-7323.8
1891	9.1	180251.0	-7307.2
1892	9.8	180254.5	-7300.2
1893	8.9	180323.0	-7306.3
1894	9.4	180435.0	-7351.2
1895	9.0	180514.0	-7343.7
1896	8.7	180545.0	-7314.8
1897	9.4	180607.0	-7317.6
1898	9.1	180701.0	-7327.4
1899	9.4	180706.0	-7310.3
1900	8.3	180736.0	-7303.9
1901	9.1	180837.0	-7322.8
1902	9.3	180855.0	-7336.0
1903	8.1	180913.0	-7335.7
1904	8.7	181038.0	-7308.4
1905	9.4	181119.0	-7339.9
1906	8.7	181248.0	-7335.7
1907	9.4	181317.0	-7301.6
1908	8.8	181428.0	-7350.7
1909	8.7	181449.0	-7323.0
1910	8.7	181709.0	-7312.0
1911	9.5	182149.0	-7314.0
1912	9.4	182305.0	-7300.2
1913	9.0	182403.0	-7302.6
1914	9.4	182504.0	-7307.9
1915	9.4	182514.5	-7303.6
1916	10.2	182556.0	-7305.3
1917	10.0	182658.5	-7348.3
1918	9.6	182718.0	-7324.3
1919	9.7	182725.0	-7318.7
1920	10.2	182725.0	-7331.1
1921	10.2	182802.0	-7349.6
1922	9.9	182817.0	-7319.0
1923	9.8	182828.0	-7306.1
1924	10.2	182932.8	-7358.5
1925	10.2	182935.5	-7331.1
1926	10.2	183020.5	-7307.5
1927	9.7	183102.5	-7337.5
1928	9.9	183117.5	-7317.9
1929	10.0	183125.0	-7314.5
1930	9.6	183721.5	-7352.0
1931	10.2	183229.5	-7309.1
1932	9.7	183254.5	-7340.9
1933	10.2	183303.5	-7352.6
1934	9.6	183333.2	-7328.6
1935	9.8	183336.5	-7346.7
1936	9.4	183340.3	-7344.7
1937	9.0	183352.3	-7304.9
1938	10.2	183357.5	-7337.3
1939	6.5	183418.5	-7307.3
1940	9.0	183511.5	-7301.9

-73 1941 18h35m

-73 2300 23h32m

1941	9.6	183524.0	-7332.7	2031	10.2	191854.3	-7306.4	2121	7.6	200417.5	-7321.3
1942	9.6	183528.0	-7310.8	2032	9.4	191902.3	-7307.8	2122	7.6	200427.5	-7311.2
1943	9.2	183558.0	-7321.2	2033	9.8	191939.3	-7339.2	2123	9.4	200521.5	-7323.5
1944	9.6	183622.0	-7316.8	2034	10.2	191940.8	-7318.3	2124	9.0	200527.5	-7336.5
1945	7.8	183626.0	-7344.4	2035	9.0	191952.3	-7303.2	2125	9.0	200546.5	-7349.9
1946	9.7	183627.0	-7305.0	2036	9.6	192003.3	-7352.9	2126	9.2	200547.5	-7316.7
1947	8.6	183637.0	-7312.4	2037	9.8	192006.8	-7344.8	2127	8.6	200612.0	-7317.9
1948	10.0	183652.0	-7339.9	2038	10.0	192025.8	-7320.7	2128	9.8	200625.5	-7336.3
1949	10.2	183701.0	-7323.6	2039	8.6	192111.8	-7346.6	2129	9.8	200654.0	-7311.9
1950	6.8	183729.5	-7345.9	2040	10.2	192139.3	-7358.0	2130	9.8	200704.5	-7336.9
1951	9.4	183804.5	-7329.1	2041	9.7	192310.8	-7347.2	2131	9.2	200711.5	-7352.3
1952	9.4	183855.1	-7359.1	2042	9.8	192314.3	-7356.4	2132	9.6	200759.5	-7329.7
1953	9.8	183949.0	-7302.3	2043	10.0	192353.8	-7303.6	2133	9.3	200815.5	-7321.9
1954	9.8	184042.5	-7359.5	2044	10.2	192440.8	-7339.8	2134	9.4	200852.0	-7334.0
1955	10.2	184113.0	-7344.9	2045	10.2	192450.8	-7356.8	2135	8.0	200925.5	-7302.5
1956	10.0	184121.0	-7337.0	2046	10.0	192457.8	-7323.0	2136	8.5	200940.7	-7327.0
1957	9.7	184132.0	-7346.9	2047	9.7	192554.0	-7348.2	2137	9.3	201015.2	-7333.4
1958	9.6	184139.5	-7340.9	2048	10.2	192613.6	-7327.1	2138	9.8	201019.2	-7315.0
1959	9.8	184140.0	-7333.1	2049	9.7	192640.6	-7316.6	2139	9.8	201147.2	-7315.2
1960	9.6	184204.0	-7301.3	2050	9.9	192701.6	-7321.5	2140	8.8	201355.7	-7307.8
1961	9.7	184205.0	-7331.1	2051	9.8	192733.8	-7303.7	2141	9.2	201407.2	-7343.0
1962	10.0	184225.0	-7347.8	2052	8.5	192805.2	-7303.4	2142	9.8	201444.2	-7348.1
1963	10.2	184326.5	-7300.5	2053	8.5	192810.8	-7331.3	2143	9.3	201457.7	-7342.6
1964	10.2	184342.0	-7355.9	2054	9.6	192858.2	-7343.3	2144	9.3	201608.2	-7329.2
1965	9.8	184457.5	-7336.3	2055	9.7	192928.2	-7338.1	2145	9.5	201734.7	-7323.0
1966	10.0	184457.5	-7304.9	2056	9.6	192949.7	-7334.7	2146	8.3	201754.2	-7328.9
1967	10.2	184501.0	-7336.9	2057	9.8	192953.8	-7306.0	2147	9.2	201807.2	-7355.3
1968	10.2	184501.5	-7324.1	2058	9.3	193206.3	-7350.9	2148	8.3	201821.2	-7322.9
1969	9.8	184622.5	-7349.9	2059	9.3	193225.8	-7336.4	2149	8.2	201832.7	-7314.9
1970	10.0	184708.5	-7328.8	2060	9.3	193313.6	-7308.7	2150	9.8	201841.2	-7359.7
1971	10.2	184805.0	-7324.9	2061	7.6	193423.6	-7349.3	2151	9.8	201849.2	-7331.8
1972	9.6	184829.0	-7316.7	2062	9.8	193426.1	-7315.4	2152	9.8	202044.7	-7303.0
1973	8.8	184837.6	-7329.0	2063	9.3	193458.6	-7330.7	2153	9.6	202109.8	-7302.2
1974	9.6	184851.6	-7334.0	2064	9.0	193501.6	-7355.7	2154	9.2	202145.9	-7317.2
1975	9.6	184915.1	-7347.8	2065	9.7	193511.4	-7323.7	2155	9.3	202153.9	-7338.0
1976	9.9	184919.1	-7356.9	2066	8.6	193555.8	-7310.6	2156	9.8	202202.4	-7320.5
1977	8.0	184929.4	-7357.2	2067	7.4	193640.1	-7305.9	2157	9.7	202258.4	-7306.9
1978	9.8	184949.1	-7301.8	2068	9.5	193645.6	-7335.6	2158	9.8	202316.4	-7338.9
1979	10.2	185034.6	-7351.1	2069	9.4	193752.6	-7307.1	2159	9.8	202344.9	-7317.2
1980	9.6	185038.6	-7328.1	2070	9.4	193852.6	-7326.6	2160	9.8	202355.4	-7307.9
1981	9.6	185038.6	-7352.3	2071	9.3	193930.1	-7330.6	2161	9.6	202442.9	-7358.8
1982	8.6	185246.1	-7329.5	2072	9.6	194035.6	-7331.7	2162	9.3	202508.4	-7356.3
1983	10.0	185257.6	-7354.1	2073	9.5	194046.6	-7310.1	2163	9.8	202524.9	-7320.1
1984	9.7	185301.6	-7318.3	2074	9.5	194057.6	-7301.2	2164	10.3	202525.7	-7355.8
1985	9.8	185407.6	-7346.6	2075	9.3	194059.6	-7332.9	2165	9.8	202600.1	-7312.7
1986	9.6	185436.1	-7354.7	2076	8.7	194116.6	-7351.8	2166	9.8	202851.9	-7354.7
1987	9.6	185447.6	-7350.7	2077	9.7	194137.6	-7313.1	2167	9.8	203036.0	-7326.4
1988	10.2	185524.1	-7301.1	2078	9.8	194141.1	-7354.8	2168	9.8	203107.5	-7320.6
1989	10.2	185618.1	-7333.3	2079	9.7	194147.6	-7339.0	2169	9.0	203148.8	-7354.6
1990	10.2	185703.1	-7348.4	2080	9.8	194232.6	-7311.4	2170	9.8	203202.1	-7316.8
1991	9.3	185703.6	-7345.3	2081	8.9	194326.1	-7329.1	2171	9.6	203224.4	-7350.0
1992	9.0	185754.6	-7330.6	2082	9.8	194409.6	-7333.9	2172	9.8	203336.6	-7341.3
1993	10.2	185757.6	-7350.5	2083	9.4	194500.1	-7337.2	2173	9.0	203344.5	-7309.1
1994	10.2	185817.1	-7350.2	2084	9.7	194507.6	-7333.4	2174	9.2	203632.4	-7329.4
1995	8.6	185917.1	-7302.1	2085	9.7	194605.6	-7339.7	2175	9.3	203704.2	-7326.2
1996	9.6	190011.1	-7353.4	2086	4.7	194606.1	-7313.9	2176	9.5	203740.4	-7355.5
1997	10.0	190017.1	-7305.2	2087	9.8	194701.6	-7333.5	2177	10.0	203931.1	-7336.4
1998	9.6	190033.1	-7326.2	2088	9.5	194812.0	-7345.2	2178	10.3	203951.1	-7325.3
1999	10.0	190034.6	-7347.6	2089	9.6	194815.0	-7353.1	2179	8.8	204130.2	-7332.0
2000	10.0	190121.1	-7344.7	2090	9.6	194826.0	-7357.6	2180	9.5	204146.2	-7353.0
2001	9.7	190125.6	-7327.1	2091	9.0	194837.5	-7349.9	2181	10.3	204212.2	-7304.2
2002	8.9	190257.6	-7323.1	2092	9.2	194840.5	-7307.4	2182	9.8	204308.2	-7322.1
2003	10.0	190303.0	-7352.4	2093	9.4	194859.5	-7358.0	2183	10.2	204510.7	-7306.0
2004	10.0	190305.0	-7346.6	2094	9.3	194928.0	-7319.6	2184	10.3	204649.2	-7347.7
2005	9.0	190320.6	-7318.8	2095	9.8	195001.5	-7359.0	2185	10.3	204656.1	-7359.6
2006	9.7	190324.7	-7359.4	2096	9.8	195012.0	-7310.9	2186	9.6	204847.9	-7335.4
2007	9.6	190410.1	-7305.6	2097	9.7	195149.7	-7300.6	2187	9.9	205016.9	-7345.6
2008	9.9	190451.6	-7303.2	2098	9.4	195236.5	-7344.6	2188	8.8	205019.9	-7331.8
2009	9.6	190459.1	-7339.6	2099	9.3	195248.0	-7309.6	2189	10.3	205049.9	-7303.2
2010	9.9	190619.6	-7322.2	2100	8.9	195257.5	-7330.6	2190	10.0	205308.9	-7346.1
2011	9.7	190702.6	-7348.7	2101	9.8	195344.0	-7325.8	2191	7.8	205549.9	-7353.6
2012	9.8	190733.6	-7337.8	2102	9.4	195447.5	-7330.9	2192	6.6	205614.9	-7339.5
2013	9.4	190949.1	-7356.1	2103	9.8	195446.5	-7338.0	2193	9.7	205624.5	-7349.5
2014	9.6	191015.1	-7325.3	2104	9.4	195509.5	-7329.0	2194	9.2	205742.0	-7321.2
2015	10.2	191057.1	-7327.4	2105	8.6	195533.0	-7307.0	2195	6.9	205842.5	-7302.6
2016	7.5	191307.1	-7319.6	2106	9.8	195555.5	-7350.7	2196	10.3	205904.0	-7358.6
2017	9.9	191334.6	-7302.2	2107	9.2	195810.5	-7345.5	2197	10.3	205906.0	-7323.4
2018	9.4	191359.1	-7300.7	2108	9.8	195830.5	-7301.9	2198	9.7	205926.5	-7323.8
2019	10.2	191449.1	-7316.8	2109	9.3	195840.0	-7304.9	2199	8.4	205954.8	-7328.6
2020	10.2	191500.3	-7303.2	2110	8.8	195849.5	-7306.2	2200	9.6	210007.0	-7316.4
2021	9.4	191513.8	-7332.2	2111	9.7	195858.5	-7334.1	2201	9.0	210113.9	-7348.0
2022	9.6	191601.8	-7323.3	2112	9.8	195923.5	-7333.9	2202	10.3	210209.9	-7343.0
2023	9.4	191611.3	-7351.8	2113	8.4	195944.0	-7314.1	2203	10.3	210439.4	-7324.6
2024	10.2	191633.3	-7326.2	2114	9.7	200006.5	-7338.1	2204	10.3	210450.9	-7358.0
2025	10.2	191701.3	-7324.2	2115	9.0	200025.0	-7353.7	2205	7.8	210548.9	-7332.6
2026	10.2	191719.3	-7325.6	2116	8.8	200033.5	-7314.4	2206	8.6	210636.4	-7349.0
2027	8.2	191733.3	-7345.0	2117	9.3	200222.5	-7350.9	2207	10.0	210829.4	-7355.1
2028	10.2	191749.8	-7355.2	2118	9.8	200325.5	-7327.8	2208	9.5	210921.4	-7353.6
2029	8.9	191752.3	-7346.8	2119	9.5	200345.0	-7337.1	2209	9.2	210927.4	-7319.6
2030	10.2	191826.3	-7357.0	2120	8.7	200400.5	-7355.1	2210	10.3	211005.9	-7325.6
2211	10.3	211042.4	-7349.1								
2212	10.3	211131.9	-7307.0								
2213	10.3	211142.4	-7352.4								
2214	10.0	211159.9	-7348.9								
2215	7.4	211310.4	-7307.6								
2216	9.9	211312.9	-7328.4								
2217	9.2	211522.9	-7344.2								
2218	9.6	211701.9	-7337.0								
2219	8.8	211715.4	-7332.6								
2220	9.5	211733.4	-7354.2								
2221	9.2	211805.6	-7301.5								
2222	9.5	212001.9	-7312.8								
2223	9.2	212259.4	-7342.7								
2224	10.3	212350.9	-7312.1								
2225	10.3	212628.9	-7342.8								
2226	10.3	212637.9	-7350.0								
2227	10.2	212810.9	-7355.6								
2228	9.9	212821.5	-7344.6								
2229	9.6	212823.0	-7300.7								
2230	9.8	212838.7	-7356.2								
2231	9.0	212850.3	-7301.5								
2232	9.9	212858.8	-7313.0								
2233	10.3	212906.3	-7356.9								
2234	9.4	212935.2	-7306.5								
2235	10.3	213454.3	-7307.9								
2236	10.3	213535.3	-7306.8								
2237	7.5	213616.4	-7315.3								
2238	9.3	213822.5	-7306.2								
2239	9.6	213935.0	-7304.9								
2240	8.2	214007.5	-7345.0								
2241	9.6	214037.5	-7335.4								
2242	8.1	214048.5	-7323.2								
2243	9.4	214113.0	-7310.0								
2244	9.1	214132.0	-7342.7								
2245	8.5	214156.5	-7335.4								
2246	9.6	215154.5	-7309.2								
2247	9.0	215254.5	-7320.5								
2248	9.4	215600.5	-7359.0								
2249	9.3	220206.5	-7339.7								
2250	9.6	221302.0	-7316.3								
2251	9.6	221309.5	-7353.9								
2252	8.1	221319.5	-7325.9								
2253	7.9	221321.5	-7325.9								
2254	9.6	221410.5	-7328.0								
2255	9.6	221443.5	-7331.9								
2256	9.6	221552.0	-7315.8								
2257	8.7	221556.4	-7302.9								
2258	8.9	221616.0	-7344.3								
2259	8.7	221842.0	-7306.5								
2260	7.6	222522.0	-7311.9								
2261	7.3	222628.0	-7321.3								
2262	9.3	222655.0	-7328.5								
2263	9.5	222700.0	-7318.9								
2264	9.5	222755.0	-7328.9								
2265	9.6	223009.0	-7311.6								
2266	9.3	223230.5	-7347.4								
2267	8.2	223246.5	-7353.0								
2268	9.3	223410.5	-7302.5								
2269	9.6	224029.0	-7316.8								
2270	9.5	224039.0	-7323.5								
2271	9.0	224139.5	-7358.1								
2272	9.5	224154.0	-7323.1								
2273	9.6	224424.0	-7341.1								
2274	8.9	224558.0	-7344.1								
2275	8.3	224735.0	-7309.1								
2276	9.6	225040.0	-7353.1								
2277	9.6	225130.0	-7329.1								
2278	8.7	225734.0	-7338.6								
2279	8.1	230256.0	-7312.1								
2280	9.0	230343.0	-7306.1								
2281	9.1	230541.0	-7349.8								
2282	9.3	230604.5	-7359.6								
2283	9.6	230925.0	-7320.3								
2284	8.9	231139.0	-7304.7								
2285	9.7	231550.0	-7309.0								
2286	8.2	231706.0	-7357.7								
2287	8.1	231915.5	-7334.0								
2288	8.5	232035.5	-7358.0								
2289	9.3	232134.0	-7321.0								
2290	10.2	232329.6	-7358.0								
2291	10.6	232721.6	-7300.6								
2292	9.4	232730.5	-7351.8								
2293	10.2	232755.4	-7321.5								
2294	9.2	232821.2	-7338.4								
2295	9.8	232909.9	-7348.7								
2296	9.2	233055.2	-7318.9								
2297	10.6	233122.9	-7319.9								
2298	9.8	233145.9	-7306.1								
2299	7.4	233211.9	-7323.4								
2300	11.1	233255.9	-7306.6								

2301	9.8	233411.0	-7308.0	42	9.4	02556.0	-7451.5	132	9.2	14600.5	-7442.2	222	8.3	23634.5	-7455.3
2302	9.8	233447.9	-7321.4	43	10.6	02617.0	-7429.2	133	10.9	14719.5	-7437.8	223	10.2	23653.0	-7429.5
2303	10.2	233457.9	-7328.6	44	11.0	02640.0	-7440.9	134	10.2	14820.5	-7420.9	224	9.2	23740.7	-7419.8
2304	11.1	233524.2	-7327.2	45	10.6	02808.5	-7405.4	135	8.2	14828.5	-7423.4	225	9.3	23930.5	-7433.2
2305	10.2	233619.4	-7324.5	46	10.0	02813.7	-7422.5	136	10.0	14835.0	-7404.6	226	8.7	24057.5	-7451.2
2306	10.8	233638.9	-7326.8	47	10.6	02957.0	-7441.7	137	10.4	14856.5	-7434.2	227	9.3	24149.0	-7415.0
2307	11.1	233640.4	-7313.0	48	9.2	03046.4	-7434.0	138	10.9	14947.0	-7434.5	228	9.5	24333.0	-7401.0
2308	9.8	233724.9	-7351.1	49	11.1	03200.4	-7459.3	139	10.4	14953.0	-7410.9	229	9.3	24441.0	-7429.1
2309	10.6	233806.4	-7308.0	50	10.6	03214.4	-7430.8	140	10.9	15002.0	-7420.9	230	9.6	24601.0	-7412.0
2310	11.1	233913.4	-7333.7	51	10.0	03317.4	-7448.4	141	10.6	15054.0	-7411.8	231	8.7	24831.0	-7430.5
2311	9.8	233940.9	-7326.1	52	10.2	03324.2	-7440.1	142	10.7	15109.9	-7457.4	232	8.2	24854.0	-7421.3
2312	11.0	233958.6	-7359.9	53	7.5	03329.4	-7438.8	143	10.9	15124.5	-7431.8	233	9.1	24935.0	-7405.1
2313	7.7	233959.4	-7347.5	54	9.8	03335.4	-7440.9	144	10.9	15256.5	-7434.8	234	8.3	25200.0	-7455.0
2314	11.0	234011.4	-7306.1	55	8.3	03511.9	-7426.9	145	10.9	15300.5	-7457.7	235	9.7	25204.0	-7414.4
2315	11.0	234036.4	-7336.6	56	9.2	03654.5	-7451.9	146	9.2	15312.5	-7401.4	236	9.2	25805.0	-7409.1
2316	11.0	234051.4	-7303.2	57	11.1	03659.4	-7420.1	147	10.2	15326.5	-7437.0	237	9.6	25810.0	-7438.0
2317	11.1	234127.4	-7338.0	58	9.4	03711.5	-7422.0	148	10.9	15353.5	-7449.0	238	8.4	25917.0	-7416.8
2318	10.8	234240.4	-7307.9	59	9.4	03854.5	-7425.1	149	9.4	15356.5	-7427.0	239	7.9	30551.0	-7448.1
2319	10.2	234256.4	-7336.9	60	8.0	03930.9	-7456.9	150	8.7	15629.5	-7442.9	240	8.5	30715.5	-7400.0
2320	8.4	234323.9	-7323.3	61	8.7	03937.5	-7431.0	151	10.9	15738.0	-7451.7	241	9.0	30836.5	-7459.0
2321	11.1	234348.9	-7332.8	62	9.5	03951.5	-7411.1	152	9.5	15802.0	-7448.9	242	7.1	31120.0	-7446.4
2322	9.4	234450.4	-7353.1	63	9.2	04105.5	-7430.0	153	9.2	15858.0	-7456.3	243	8.7	31143.0	-7432.4
2323	10.6	234541.4	-7303.8	64	9.6	04130.5	-7409.9	154	9.0	15936.5	-7421.3	244	9.1	31229.0	-7455.8
2324	7.4	234558.4	-7305.8	65	9.8	04335.5	-7442.5	155	9.4	20009.5	-7429.8	245	7.5	31251.0	-7428.9
2325	9.8	234742.4	-7332.3	66	9.5	04427.5	-7414.6	156	9.2	20024.0	-7406.0	246	9.7	31424.5	-7437.2
2326	8.6	234750.4	-7349.4	67	9.7	04435.5	-7402.8	157	10.9	20110.0	-7445.0	247	9.7	31439.0	-7432.7
2327	10.6	234807.9	-7346.8	68	9.0	04456.5	-7409.7	158	9.0	20120.0	-7454.8	248	7.4	31658.0	-7400.3
2328	10.6	234907.3	-7300.6	69	9.8	04609.5	-7409.7	159	9.4	20206.0	-7447.3	249	9.5	31739.0	-7435.7
2329	11.1	234933.6	-7358.3	70	9.9	04615.5	-7409.2	160	10.9	20228.5	-7411.6	250	7.2	32006.0	-7425.8
2330	11.1	235007.9	-7328.9	71	9.9	04651.5	-7443.0	161	10.0	20229.5	-7402.8	251	9.5	32234.0	-7444.0
2331	10.8	235034.9	-7340.3	72	8.3	04929.5	-7433.0	162	10.2	20250.0	-7449.0	252	9.4	32815.0	-7413.3
2332	10.0	235045.9	-7318.2	73	9.4	05045.0	-7423.6	163	9.8	20316.2	-7401.4	253	9.7	32946.0	-7415.8
2333	10.6	235112.9	-7343.9	74	7.4	05050.7	-7459.1	164	10.0	20427.0	-7452.4	254	9.9	33209.0	-7417.3
2334	8.9	235148.4	-7353.1	75	9.4	05101.0	-7452.1	165	10.0	20511.0	-7459.2	255	9.7	33227.0	-7449.3
2335	10.6	235217.4	-7320.4	76	9.6	05120.0	-7415.1	166	9.2	20558.4	-7400.2	256	9.4	33259.5	-7425.8
2336	9.8	235311.9	-7302.2	77	8.6	05206.0	-7430.1	167	10.9	20614.0	-7447.2	257	8.9	33305.5	-7444.5
2337	9.8	235314.9	-7336.4	78	8.7	05242.0	-7423.8	168	9.4	20632.5	-7407.5	258	9.7	33335.0	-7404.2
2338	10.0	235412.9	-7310.2	79	8.7	05524.0	-7425.4	169	10.0	20649.5	-7443.8	259	9.5	33347.0	-7408.3
2339	8.4	235414.8	-7301.0	80	9.2	05534.0	-7443.3	170	10.4	20701.0	-7437.5	260	9.9	33353.0	-7420.9
2340	11.1	235455.9	-7336.1	81	9.4	05644.0	-7432.6	171	10.4	20703.5	-7446.8	261	9.5	33422.0	-7451.3
2341	8.9	235502.4	-7318.1	82	9.9	05833.0	-7439.8	172	10.7	20822.5	-7441.7	262	8.7	33517.0	-7426.7
2342	9.0	235548.4	-7319.4	83	9.0	10008.0	-7408.1	173	10.4	20823.5	-7419.7	263	9.9	33523.0	-7428.8
2343	10.0	235701.9	-7356.6	84	8.6	10352.0	-7435.5	174	10.6	20855.0	-7420.7	264	9.5	33559.0	-7401.3
2344	10.6	235704.5	-7302.7	85	9.9	10352.5	-7404.7	175	10.8	20902.5	-7416.6	265	9.5	33622.0	-7436.6
2345	9.0	235754.5	-7343.8	86	9.8	10405.0	-7434.3	176	8.8	20937.0	-7439.3	266	9.4	33713.0	-7432.6
2346	9.6	235809.9	-7335.6	87	9.5	10634.0	-7417.2	177	10.9	21022.8	-7447.0	267	9.9	33724.0	-7432.2
2347	9.2	235810.4	-7321.4	88	7.3	10843.0	-7434.3	178	10.4	21040.0	-7453.7	268	8.5	33746.0	-7422.9
2348	9.4	235824.9	-7350.5	89	8.5	10956.0	-7456.3	179	10.6	21049.0	-7419.4	269	9.5	33813.0	-7448.0
2349	9.6	235841.4	-7335.7	90	9.3	11002.0	-7400.1	180	8.0	21052.0	-7440.3	270	8.3	34252.0	-7419.3
1	10.2	00004.8	-7415.8	91	9.2	11138.0	-7426.0	181	9.2	21140.5	-7423.2	271	7.5	34511.0	-7423.7
2	10.8	00058.8	-7421.2	92	8.7	11449.0	-7448.9	182	10.9	21214.4	-7458.1	272	9.9	34735.0	-7449.9
3	9.2	00100.3	-7437.9	93	9.8	11523.0	-7405.2	183	10.8	21230.5	-7450.5	273	9.2	34751.0	-7424.3
4	11.1	00149.2	-7401.7	94	8.7	11826.0	-7419.1	184	10.9	21242.0	-7452.0	274	9.4	34801.0	-7427.0
5	11.1	00149.8	-7407.2	95	9.5	11834.0	-7416.5	185	10.9	21422.0	-7410.7	275	8.0	34843.0	-7453.2
6	11.1	00215.3	-7404.4	96	8.9	11957.0	-7414.1	186	8.9	21507.0	-7425.3	276	6.1	34911.0	-7437.3
7	8.2	00229.8	-7456.0	97	10.0	12300.0	-7453.3	187	10.9	21556.5	-7438.5	277	9.4	35309.0	-7458.1
8	11.0	00239.1	-7459.6	98	10.9	12329.0	-7405.0	188	10.9	21720.8	-7426.9	278	8.8	35522.0	-7418.5
9	9.8	00336.8	-7455.6	99	10.2	12334.5	-7433.8	189	10.8	21834.0	-7440.1	279	9.4	35704.0	-7405.6
10	9.2	00420.8	-7420.5	100	10.2	12408.0	-7441.9	190	8.9	21948.5	-7405.6	280	8.5	35736.0	-7418.4
11	9.2	00439.8	-7412.1	101	10.8	12432.5	-7427.6	191	9.0	21954.0	-7418.9	281	9.7	40017.0	-7418.4
12	11.1	00507.3	-7434.6	102	10.2	12605.5	-7429.5	192	10.4	22014.5	-7434.2	282	9.8	40229.0	-7447.5
13	9.8	00545.3	-7427.4	103	9.2	12829.3	-7453.3	193	9.4	22118.0	-7406.0	283	9.4	41038.0	-7417.0
14	10.0	00630.8	-7446.8	104	9.4	12832.6	-7457.9	194	7.7	22208.2	-7412.7	284	9.9	41136.0	-7402.7
15	9.4	00651.8	-7443.9	105	10.2	12833.5	-7445.0	195	9.9	22232.0	-7439.5	285	9.5	41226.0	-7404.7
16	9.8	00755.3	-7411.5	106	10.9	12839.5	-7408.9	196	10.1	22238.8	-7444.3	286	9.5	41900.0	-7419.8
17	10.2	00937.3	-7406.9	107	9.5	12940.0	-7456.7	197	9.4	22246.8	-7452.3	287	9.5	41914.0	-7435.2
18	9.2	01010.8	-7442.3	108	10.9	13010.5	-7438.4	198	10.7	22310.3	-7408.9	288	9.8	42242.0	-7436.6
19	10.6	01121.8	-7400.3	109	9.4	13049.5	-7429.8	199	10.9	22336.3	-7442.3	289	9.2	42401.0	-7450.8
20	8.6	01127.3	-7439.3	110	8.9	13053.0	-7420.9	200	8.9	22341.3	-7444.1	290	9.0	42731.5	-7447.3
21	11.1	01145.8	-7453.6	111	10.2	13129.0	-7430.8	201	10.6	22342.3	-7409.5	291	8.9	42907.5	-7458.7
22	8.6	01152.8	-7422.3	112	9.8	13147.5	-7416.1	202	9.4	22354.9	-7451.9	292	9.2	43133.5	-7435.4
23	11.1	01232.5	-7418.5	113	10.4	13147.5	-7438.8	203	10.9	22444.8	-7458.9	293	9.3	43221.5	-7459.1
24	9.8	01256.0	-7410.4	114	10.7	13225.0	-7450.1	204	10.9	22536.3	-7446.7	294	9.3	43628.0	-7428.8
25	10.2	01316.0	-7448.4	115	10.2	13606.5	-7417.6	205	10.2	22551.8	-7451.9	295	9.7	43648.5	-7412.1
26	10.0	01336.0	-7410.9	116	9.5	13657.5	-7420.7	206	9.4	22639.4	-7437.9	296	9.4	43732.0	-7415.5
27	10.6	01347.5	-7401.6	117	9.8	13708.5	-7430.5	207	10.2	22657.8	-7429.3	297	9.2	43832.0	-7437.0
28	11.1	01459.5	-7443.9	118	10.9	13759.1	-7424.3	208	10.9	22905.3	-7403.1	298	8.9	43953.0	-7405.2
29	9.4	01505.5	-7440.3	119	9.4	13844.2	-7401.9	209	10.9	22952.8	-7431.7	299	9.6	44440.0	-7427.1
30	11.1	01620.5	-7431.3	120	10.4	13928.0	-7428.4	210	10.9	23030.3	-7428.5	300	9.5	44629.0	-7421.3
31	11.1	01726.5	-7459.7	121	9.6	14041.0	-7418.2	211	9.8	23050.9	-7402.9	301	9.3	44676.0	-7453.0
32	11.1	01811.0	-7401.8	122	10.2	14124.0	-7416.1	212	10.9	23130.9	-7459.8	302	9.2	44747.0	-7432.4
33	9.4	01830.5	-7412.5	123	10.8	14141.5	-7435.6	213	10.6	23233.5	-7444.7	303	9.7	44814.0	-7415.4
34	11.1	01833.5	-7454.0	124	10.0	14235.0	-7436.8	214	10.9	23254.5	-7409.5	304	9.7	44831.0	-7429.8
35	9.2	01916.0	-7455.7	125	10.2	14306.5	-7446.7	215	7.2	23352.0	-7434.1	305	9.2	44934.0	-7407.9
36	10.2	01955.0	-7459.6	126	7.8	14309.0	-7410.6	216	10.2	23411.0	-7412.8	306	9.6	45034.0	-7430.9
37	9.0	02037.5	-7419.4	127	10.9	14317.5	-7427.3	217	10.7	23420.0	-7442.9	307	9.1	45038.0	-7449.6
38	9.8	02147.0	-7405.5	128	10.4	14408.5	-7403.2	218	10.2	23421.0	-7427.7	308	9.7	45134.0	-7419.0
39	10.6	02310.5	-7409.4	129	10.8	14422.0	-7458.8	219	10.9	23516.5	-7419.0	309	9.5	45851.0	-7424.5
40	9.2	02414.0	-7428.3	130	10.0	14444.0	-7412.3	220	10.7	23521.0	-7421.2	310	9.1	50025.0	-7446.1
41	11.0	02440.4	-7400.4	131	10.2	14458.0	-7402.7	221	9.8	23624.0	-7439.2	311	9.3	50052.0	-7433.

-74 312 5h04m

-74 671 10h07m

312	7.1	50425.0	-7430.8	402	9.8	64104.0	-7410.1	492	9.5	81248.5	-7458.3	582	9.7	91931.5	-7407.8
313	9.5	50501.0	-7445.6	403	9.5	64117.0	-7417.3	493	7.9	81343.5	-7437.0	583	8.3	92108.5	-7445.9
314	9.0	50606.0	-7452.2	404	9.6	64221.0	-7418.3	494	9.9	81654.5	-7450.9	584	8.8	92111.5	-7443.8
315	9.4	50641.0	-7433.4	405	9.4	64341.0	-7426.0	495	9.3	81738.5	-7403.8	585	9.0	92136.5	-7449.1
316	9.4	50751.0	-7456.6	406	8.8	64501.0	-7432.8	496	9.9	81854.5	-7404.2	586	9.5	92328.5	-7446.1
317	9.7	51041.0	-7408.8	407	9.5	64511.0	-7439.0	497	9.3	81903.5	-7446.7	587	9.2	92332.5	-7408.6
318	8.6	51224.0	-7459.9	408	9.4	64541.0	-7418.6	498	9.3	82024.5	-7420.2	588	9.6	92348.5	-7423.0
319	9.6	51328.0	-7417.5	409	9.8	64758.0	-7407.4	499	9.7	82032.5	-7442.0	589	9.6	92432.5	-7450.2
320	8.6	51611.0	-7416.1	410	9.8	64759.0	-7434.5	500	7.4	82044.5	-7436.9	590	9.6	92458.5	-7452.1
321	9.5	51648.0	-7417.7	411	9.0	64801.0	-7416.8	501	9.9	82240.5	-7410.7	591	9.7	92458.5	-7411.8
322	8.5	52132.0	-7411.0	412	9.4	64909.0	-7405.7	502	9.4	82254.5	-7420.0	592	8.9	92602.5	-7428.7
323	8.6	52156.0	-7449.1	413	9.6	65012.0	-7425.2	503	9.3	82321.5	-7418.2	593	9.8	92713.0	-7427.1
324	9.3	52328.0	-7413.5	414	9.2	65057.0	-7423.0	504	9.4	82354.5	-7436.0	594	9.8	92748.0	-7412.4
325	9.2	52439.0	-7436.7	415	9.6	65101.0	-7403.2	505	9.1	82435.5	-7441.0	595	9.3	92804.5	-7448.6
326	9.5	52554.0	-7438.5	416	9.1	65117.0	-7429.7	506	9.0	82549.5	-7411.0	596	8.5	92921.5	-7435.5
327	9.7	52745.0	-7437.6	417	9.6	65210.0	-7404.9	507	9.9	82604.5	-7400.9	597	9.6	92931.0	-7436.9
328	8.4	52754.5	-7444.1	418	9.8	65227.0	-7438.2	508	9.7	82605.5	-7427.9	598	9.9	93007.0	-7457.3
329	9.5	52755.0	-7436.0	419	9.1	65304.0	-7424.2	509	8.0	82645.0	-7430.0	599	9.8	93022.0	-7442.6
330	9.3	52918.5	-7442.2	420	9.4	65616.0	-7454.8	510	8.5	82658.0	-7425.0	600	9.9	93030.0	-7425.8
331	9.4	52942.0	-7435.5	421	7.9	65645.0	-7433.9	511	9.3	82834.0	-7425.8	601	9.8	93030.0	-7409.8
332	9.8	53003.0	-7428.9	422	9.5	65758.0	-7406.9	512	9.7	82839.0	-7458.1	602	8.3	93036.0	-7413.0
333	9.4	53054.5	-7451.0	423	9.6	65758.0	-7406.7	513	7.1	82932.0	-7456.6	603	9.3	93038.5	-7444.2
334	9.9	53200.0	-7430.7	424	8.9	70017.0	-7419.6	514	9.7	82951.0	-7448.7	604	9.9	93058.0	-7436.2
335	9.4	53329.0	-7445.0	425	9.4	70134.0	-7434.2	515	9.0	83013.0	-7432.0	605	9.9	93106.0	-7437.5
336	9.5	53614.0	-7446.0	426	9.8	70225.0	-7427.0	516	9.7	83035.5	-7400.4	606	9.9	93140.0	-7437.4
337	9.3	53619.0	-7413.9	427	9.3	70640.0	-7417.4	517	9.7	83039.0	-7400.2	607	9.9	93148.0	-7414.7
338	9.6	53704.0	-7431.4	428	9.5	70929.0	-7411.1	518	9.7	83233.0	-7423.0	608	9.8	93148.0	-7450.7
339	9.0	53910.0	-7419.0	429	9.6	71151.0	-7422.1	519	9.6	83241.0	-7413.7	609	9.6	93227.0	-7417.0
340	9.9	53926.0	-7455.2	430	9.5	71511.0	-7423.8	520	8.0	83318.5	-7425.5	610	9.9	93317.0	-7445.3
341	8.8	54027.0	-7446.9	431	9.4	71550.0	-7447.9	521	9.5	83404.0	-7417.1	611	9.8	93354.0	-7442.5
342	9.9	54053.0	-7405.4	432	8.9	72236.5	-7459.9	522	9.7	83445.5	-7458.5	612	9.9	93402.0	-7443.9
343	9.8	54136.0	-7436.0	433	9.8	72412.0	-7407.4	523	9.6	83508.0	-7405.7	613	9.9	93504.0	-7426.9
344	9.6	54417.0	-7404.3	434	9.6	72754.0	-7452.7	524	9.7	83645.0	-7447.2	614	9.9	93504.0	-7415.8
345	9.6	54507.0	-7458.9	435	9.8	72925.0	-7450.4	525	9.7	83646.0	-7455.7	615	9.9	93504.0	-7427.0
346	9.5	54508.0	-7401.8	436	9.4	72941.5	-7416.2	526	9.7	83711.0	-7447.2	616	9.9	93526.0	-7414.4
347	9.6	54552.0	-7437.0	437	9.7	72954.0	-7405.4	527	9.5	83724.0	-7440.5	617	9.2	93528.0	-7422.5
348	8.8	54556.0	-7432.0	438	9.2	73055.0	-7449.5	528	9.2	83730.0	-7455.1	618	9.8	93539.0	-7427.9
349	8.7	54632.0	-7454.5	439	9.8	73107.0	-7427.0	529	9.7	83753.0	-7407.9	619	9.5	93541.0	-7443.9
350	9.3	54652.0	-7456.6	440	9.4	73120.5	-7429.0	530	7.2	83912.0	-7407.7	620	9.8	93554.0	-7425.0
351	9.8	54752.0	-7401.0	441	9.5	73147.5	-7428.8	531	8.0	83922.0	-7437.4	621	9.8	93601.0	-7411.3
352	9.4	54758.0	-7456.0	442	9.6	73203.0	-7417.7	532	8.8	83936.0	-7428.1	622	8.9	93612.0	-7413.5
353	9.6	54845.0	-7413.3	443	9.9	73218.0	-7407.7	533	9.3	83956.0	-7439.3	623	9.3	93613.0	-7453.3
354	8.9	54929.0	-7405.2	444	9.8	73230.0	-7446.6	534	9.7	84033.5	-7458.8	624	9.4	93650.0	-7447.0
355	9.8	55015.0	-7454.4	445	9.8	73232.0	-7446.3	535	9.5	84311.0	-7449.6	625	8.7	93705.0	-7414.0
356	9.5	55051.0	-7433.0	446	9.1	73353.5	-7439.4	536	7.4	84314.0	-7409.3	626	9.6	93801.0	-7445.2
357	9.0	55058.0	-7448.2	447	7.7	73402.0	-7401.1	537	9.7	84553.0	-7416.4	627	9.8	93914.0	-7445.8
358	9.8	55205.0	-7456.6	448	7.5	73404.5	-7425.0	538	8.1	84553.0	-7419.7	628	9.9	93942.0	-7452.3
359	9.4	55222.0	-7453.0	449	9.8	73618.0	-7424.9	539	9.7	84713.0	-7418.9	629	9.4	94128.0	-7409.0
360	9.9	55229.0	-7409.2	450	9.5	73642.0	-7403.4	540	9.7	84714.0	-7400.7	630	9.4	94147.0	-7443.5
361	9.9	55344.0	-7403.0	451	9.5	73712.0	-7418.0	541	9.2	84732.5	-7400.1	631	9.0	94314.0	-7408.4
362	8.7	55551.0	-7445.3	452	9.3	73723.0	-7447.4	542	8.5	84831.5	-7458.7	632	9.5	94323.0	-7432.8
363	9.4	55813.0	-7405.0	453	9.5	73815.0	-7433.3	543	9.2	84945.5	-7424.0	633	9.3	94334.0	-7413.4
364	9.4	55817.5	-7401.0	454	9.6	73822.0	-7455.9	544	9.3	84954.5	-7409.1	634	8.0	94358.0	-7416.2
365	9.8	60002.0	-7414.4	455	9.5	73830.0	-7407.1	545	8.0	85010.5	-7435.3	635	9.8	94421.0	-7439.3
366	9.8	60418.5	-7402.3	456	9.7	73831.0	-7455.5	546	8.9	85234.5	-7428.5	636	9.3	94428.0	-7457.1
367	9.4	60500.0	-7426.4	457	9.5	73840.0	-7449.5	547	9.1	85343.5	-7418.2	637	9.9	94449.0	-7408.5
368	8.9	60505.0	-7407.2	458	9.8	74024.0	-7441.5	548	9.7	85351.5	-7431.0	638	9.8	94458.0	-7445.2
369	9.9	60835.0	-7421.2	459	9.9	74055.0	-7409.3	549	9.7	85359.5	-7413.7	639	8.9	94523.0	-7428.2
370	9.6	60911.0	-7434.3	460	9.3	74222.0	-7451.9	550	8.4	85457.5	-7424.2	640	9.6	94701.0	-7425.6
371	9.5	61209.0	-7421.6	461	9.0	74233.0	-7434.5	551	9.7	85503.5	-7447.7	641	9.5	94730.0	-7457.0
372	9.4	61234.0	-7449.1	462	9.4	74305.0	-7427.4	552	9.1	85530.5	-7451.9	642	9.3	94800.0	-7415.1
373	9.9	61302.0	-7445.4	463	9.9	74316.0	-7404.0	553	9.0	85744.5	-7423.5	643	9.3	94822.0	-7448.9
374	9.9	61358.0	-7442.7	464	9.9	74415.0	-7418.9	554	9.6	85759.5	-7434.0	644	9.8	94836.0	-7444.4
375	9.6	61454.0	-7411.9	465	9.9	74415.0	-7410.0	555	9.7	85925.0	-7400.6	645	9.6	95025.0	-7414.1
376	8.9	61538.0	-7428.2	466	9.9	74436.0	-7417.6	556	9.7	90114.5	-7413.1	646	9.8	95034.0	-7435.0
377	9.3	61710.0	-7414.9	467	9.0	74455.0	-7438.6	557	9.0	90317.5	-7427.4	647	9.8	95105.0	-7448.1
378	9.9	61734.0	-7413.3	468	9.8	74819.0	-7414.1	558	9.6	90405.5	-7459.0	648	9.6	95114.0	-7418.2
379	9.9	62002.0	-7423.4	469	9.2	74937.0	-7417.9	559	9.1	90427.5	-7439.2	649	7.8	95256.0	-7447.2
380	9.8	62017.0	-7424.8	470	9.8	75130.0	-7445.2	560	9.4	90547.5	-7405.4	650	9.2	95442.0	-7418.2
381	9.6	62210.0	-7434.5	471	9.9	75205.0	-7432.0	561	9.4	90559.5	-7413.2	651	9.5	95720.0	-7413.1
382	9.5	62520.0	-7413.4	472	8.8	75208.0	-7418.7	562	9.5	90653.5	-7452.1	652	9.8	95843.0	-7423.1
383	9.9	62529.0	-7419.8	473	9.5	75343.0	-7434.3	563	7.3	90700.5	-7414.8	653	9.3	95959.0	-7410.4
384	9.6	62555.0	-7427.9	474	9.9	75407.0	-7424.7	564	9.7	90713.5	-7424.9	654	9.5	100100.0	-7425.8
385	9.1	62556.0	-7406.4	475	9.9	75424.0	-7414.1	565	9.3	90718.5	-7427.7	655	9.5	100115.0	-7434.6
386	9.6	62902.0	-7425.7	476	9.9	75447.0	-7411.6	566	9.1	90940.5	-7410.3	656	9.8	100133.0	-7442.2
387	9.6	62908.0	-7410.0	477	9.8	75653.0	-7432.9	567	9.4	91023.5	-7448.5	657	9.2	100222.0	-7408.7
388	9.2	62923.5	-7409.6	478	8.7	75719.0	-7447.5	568	9.7	91108.5	-7459.4	658	9.9	100250.0	-7445.8
389	9.5	63427.0	-7415.2	479	9.5	75820.5	-7400.1	569	9.0	91126.5	-7441.0	659	9.9	100328.0	-7426.2
390	9.6	63536.0	-7434.3	480	9.6	75913.0	-7411.9	570	7.7	91202.5	-7405.8	660	9.8	100401.0	-7428.0
391	9.6	63611.0	-7411.5	481	9.9	75954.0	-7458.8	571	9.6	91218.5	-7401.3	661	9.9	100408.0	-7457.1
392	9.3	63613.0	-7449.1	482	9.7	80437.0	-7425.9	572	9.0	91235.5	-7420.4	662	9.9	100445.0	-7444.0
393	9.4	63721.0	-7435.5	483	9.4	80451.0	-7425.2	573	8.7	91423.5	-7419.4	663	9.3	100502.0	-7400.8
394	9.5	63742.0	-7429.4	484	9.5	80656.0	-7409.1	574	8.6	91455.5	-7435.7	664	9.6	100529.0	-7458.1
395	9.8	63750.0	-7418.9	485	9.9	80713.0	-7402.9	575	8.4	91502.5	-7446.1	665	8.4	100532.0	-7413.3
396	9.6	63904.0	-7433.4	486	9.1	80725.5	-7403.0	576	9.4	91523.5	-7402.6	666	9.8	100543.0	-7439.6
397	9.8	63936.0	-7458.4	487	9.9	80854.0	-7407.5	577	9.7	91620.0	-7400.3	667	8.7	100558.0	-7413.1
398	9.5	64020.0	-7448.8	488	9.9	80916.0	-7406.1	578	9.7	91655.5	-7400.9	668	9.6	100609.0	-7452.7
399	9.8	64022.0	-7416.4	489	9.1	81030.0	-7409.0	579	5.5	91734.5	-7422.0	669	9.9	100703.0	-7422.8
400	9.2	64045.0	-7441.0	490	9.8	81215.5	-7441.3	580	5.9	91735.5	-7412.3	670	9.8	100715.0	-7440.7
401	8.8	64050.0	-7411.3	491	9.0	81237.5	-7407.1	581	9.7	91833.5	-7432.8	671	9.8	100743.0	-7435.1

672	9.8	100756.0	-7456.1	762	9.8	105722.0	-7427.5	852	9.5	114251.0	-7402.2	942	9.6	122833.0	-7416.9
673	9.9	100800.0	-7408.7	763	7.2	105753.0	-7459.7	853	9.5	114421.0	-7414.2	943	9.6	122836.0	-7418.2
674	9.9	100819.5	-7458.6	764	9.6	105824.0	-7444.8	854	9.0	114422.5	-7456.7	944	9.6	122903.0	-7424.0
675	9.2	100857.0	-7415.5	765	9.5	105846.0	-7430.0	855	9.6	114434.5	-7427.1	945	9.6	122924.0	-7411.2
676	9.9	100913.0	-7409.1	766	7.7	105906.0	-7455.4	856	9.6	114521.5	-7453.4	946	9.5	122929.0	-7420.1
677	9.5	100921.0	-7416.9	767	9.7	105923.0	-7444.4	857	9.0	114633.5	-7439.6	947	9.6	122944.0	-7409.1
678	8.8	100922.0	-7454.5	768	9.8	105934.0	-7430.7	858	9.5	114731.5	-7434.3	948	9.2	123002.0	-7445.0
679	9.4	100932.0	-7432.3	769	8.4	105935.5	-7400.5	859	9.3	114906.5	-7418.9	949	9.6	123015.0	-7404.5
680	9.9	100945.0	-7433.1	770	9.8	105958.0	-7431.9	860	9.6	114920.5	-7401.6	950	9.1	123017.5	-7415.9
681	9.9	101003.0	-7441.1	771	6.7	110057.0	-7428.8	861	9.6	115025.5	-7424.4	951	9.3	123041.3	-7400.6
682	9.1	101055.0	-7413.7	772	9.7	110111.0	-7427.5	862	9.6	115037.5	-7400.9	952	9.6	123042.0	-7459.2
683	9.9	101230.0	-7448.8	773	9.5	110138.0	-7417.6	863	9.0	115139.5	-7440.9	953	9.3	123112.0	-7405.2
684	9.8	101352.0	-7422.9	774	9.6	110140.0	-7414.9	864	9.6	115158.5	-7401.1	954	9.3	123112.5	-7449.0
685	9.8	101408.0	-7427.3	775	9.9	110201.0	-7419.7	865	9.6	115319.5	-7454.5	955	6.6	123115.5	-7440.9
686	9.8	101605.0	-7409.3	776	9.4	110210.0	-7431.0	866	9.6	115529.5	-7422.8	956	9.6	123125.0	-7421.2
687	9.9	101614.0	-7451.0	777	9.4	110231.0	-7447.6	867	8.8	115614.5	-7405.0	957	9.6	123152.5	-7408.6
688	9.9	101647.0	-7457.0	778	9.1	110307.0	-7403.1	868	9.6	115625.5	-7433.1	958	9.6	123303.0	-7408.4
689	9.9	101708.0	-7424.0	779	9.6	110333.0	-7447.9	869	9.6	115632.5	-7405.8	959	9.6	123334.0	-7434.9
690	9.4	101741.0	-7458.2	780	9.8	110347.0	-7421.9	870	8.8	115647.5	-7414.7	960	9.3	123338.0	-7410.8
691	9.8	101755.0	-7421.8	781	9.6	110408.0	-7447.8	871	9.6	115703.5	-7458.9	961	9.6	123551.0	-7427.5
692	9.9	101828.0	-7421.8	782	9.5	110411.0	-7449.8	872	9.3	115745.5	-7453.1	962	9.4	123615.0	-7425.8
693	9.9	101856.0	-7424.1	783	9.6	110621.0	-7401.1	873	9.6	115759.5	-7438.9	963	9.3	123641.0	-7457.2
694	9.9	101908.0	-7458.0	784	9.3	110653.0	-7421.8	874	9.6	115829.5	-7410.7	964	8.6	123643.0	-7422.1
695	9.3	101920.0	-7452.2	785	9.6	110721.0	-7434.5	875	8.5	115833.5	-7459.5	965	9.6	123651.0	-7437.3
696	8.9	101951.0	-7423.9	786	9.9	110753.0	-7400.1	876	9.6	115925.5	-7443.9	966	9.6	123731.0	-7421.3
697	9.8	101958.0	-7424.1	787	9.4	110827.0	-7410.8	877	9.1	115954.5	-7434.1	967	9.7	123732.0	-7430.2
698	9.8	102031.0	-7441.3	788	9.5	110932.0	-7425.9	878	9.6	120003.5	-7449.9	968	9.6	123733.0	-7455.4
699	8.9	102045.0	-7423.5	789	8.0	111217.0	-7432.3	879	9.6	120024.5	-7456.7	969	7.7	123739.0	-7429.9
700	9.1	102053.0	-7456.0	790	9.5	111247.5	-7458.0	880	6.9	120115.5	-7440.2	970	9.6	123813.0	-7404.7
701	9.9	102346.0	-7406.2	791	9.6	111251.0	-7441.5	881	9.6	120229.5	-7415.7	971	9.6	123817.0	-7427.5
702	7.9	102423.0	-7430.7	792	9.9	111328.0	-7415.8	882	9.5	120407.5	-7408.1	972	8.8	123818.0	-7403.9
703	9.4	102437.0	-7415.8	793	9.8	111329.0	-7453.9	883	9.6	120441.5	-7454.0	973	9.4	123829.0	-7454.7
704	9.4	102455.0	-7404.3	794	9.9	111342.0	-7459.9	884	8.7	120511.5	-7403.8	974	9.3	123851.0	-7446.0
705	9.8	102616.0	-7438.0	795	9.7	111352.0	-7426.0	885	8.6	120521.5	-7414.5	975	9.4	123908.0	-7439.6
706	9.6	102626.0	-7455.7	796	9.8	111353.0	-7417.1	886	9.6	120621.5	-7419.4	976	9.6	123925.0	-7403.5
707	9.8	102646.0	-7451.1	797	9.6	111353.0	-7430.0	887	8.0	120633.5	-7432.3	977	8.3	124027.0	-7438.4
708	9.6	102747.0	-7408.5	798	8.2	111419.0	-7443.9	888	9.6	120640.5	-7438.3	978	9.6	124031.0	-7449.1
709	9.8	102756.0	-7423.0	799	9.9	111426.0	-7427.9	889	9.5	120654.5	-7457.7	979	9.1	124035.0	-7436.7
710	9.6	102908.5	-7437.8	800	9.6	111443.0	-7447.9	890	9.2	120654.5	-7437.0	980	9.6	124043.0	-7419.4
711	9.3	102914.0	-7435.5	801	6.3	111506.0	-7427.4	891	9.3	120701.5	-7410.2	981	9.4	124050.0	-7410.7
712	9.8	103127.0	-7437.6	802	9.3	111528.5	-7457.8	892	9.3	120736.5	-7429.2	982	9.0	124054.0	-7419.8
713	9.1	103150.5	-7412.4	803	8.9	111656.0	-7445.6	893	9.3	120748.5	-7410.5	983	8.5	124149.0	-7424.7
714	8.1	103240.0	-7425.2	804	9.2	111736.0	-7426.0	894	9.3	120832.5	-7402.5	984	8.8	124207.0	-7431.6
715	9.6	103304.0	-7425.6	805	9.6	111743.0	-7410.1	895	9.6	120932.5	-7402.7	985	9.6	124210.0	-7431.2
716	9.0	103309.5	-7422.0	806	9.8	112007.0	-7406.0	896	9.5	120947.5	-7418.9	986	9.6	124255.0	-7428.2
717	9.3	103340.5	-7414.1	807	9.8	112023.0	-7427.3	897	9.5	121024.5	-7457.7	987	8.3	124357.0	-7404.4
718	9.9	103433.0	-7459.4	808	9.5	112023.0	-7439.4	898	9.5	121035.0	-7442.1	988	9.6	124417.0	-7423.0
719	9.9	103449.0	-7401.8	809	9.8	112108.0	-7429.0	899	9.3	121102.0	-7456.3	989	9.6	124508.0	-7420.7
720	9.6	103516.0	-7456.4	810	9.5	112119.0	-7428.1	900	9.6	121213.0	-7429.9	990	9.0	124508.0	-7412.9
721	6.9	103614.0	-7430.4	811	9.8	112251.0	-7428.9	901	9.6	121327.0	-7457.9	991	9.6	124516.0	-7449.6
722	9.1	103618.0	-7438.3	812	9.9	112306.0	-7409.3	902	9.6	121352.0	-7401.9	992	9.6	124614.0	-7437.9
723	8.9	103650.5	-7458.9	813	9.4	112318.0	-7418.3	903	9.6	121402.5	-7401.5	993	9.3	124633.0	-7451.7
724	9.2	103839.0	-7435.2	814	9.8	112321.0	-7434.6	904	9.6	121441.0	-7410.4	994	9.2	124650.5	-7401.1
725	9.6	103847.0	-7410.7	815	9.9	112325.0	-7435.3	905	8.4	121441.0	-7412.4	995	9.0	124701.0	-7448.8
726	9.4	103852.0	-7417.9	816	9.9	112406.0	-7447.1	906	9.6	121548.2	-7459.0	996	9.6	124709.0	-7428.0
727	7.0	103944.0	-7448.5	817	9.3	112419.0	-7456.1	907	9.2	121605.0	-7432.0	997	9.6	124808.0	-7442.8
728	9.6	104008.0	-7452.9	818	9.9	112437.0	-7417.5	908	9.6	121614.5	-7459.3	998	9.6	124820.0	-7402.9
729	9.7	104021.0	-7421.0	819	9.7	112450.0	-7445.5	909	9.6	121622.5	-7457.9	999	9.4	124829.0	-7457.8
730	9.6	104028.0	-7433.8	820	9.7	112515.0	-7428.5	910	9.3	121704.0	-7432.0	1000	9.6	124831.0	-7452.6
731	8.1	104224.0	-7409.7	821	9.9	112523.0	-7405.9	911	9.1	121730.0	-7408.6	1001	9.6	124905.0	-7444.0
732	7.6	104227.0	-7420.8	822	9.6	112604.0	-7430.9	912	9.6	121733.0	-7421.4	1002	9.4	124907.0	-7438.7
733	9.6	104228.0	-7410.7	823	9.4	112704.0	-7409.6	913	9.5	121745.0	-7416.7	1003	9.6	124928.0	-7421.0
734	9.9	104309.0	-7410.8	824	9.7	112734.5	-7456.4	914	9.6	121827.0	-7431.2	1004	9.6	124938.0	-7421.4
735	9.5	104344.0	-7449.5	825	9.7	112801.0	-7448.0	915	9.6	122007.0	-7414.4	1005	9.6	125007.0	-7453.0
736	8.6	104544.0	-7409.5	826	9.6	112820.0	-7407.2	916	9.6	122009.0	-7437.0	1006	9.6	125016.0	-7411.1
737	9.0	104546.0	-7441.8	827	9.5	112831.0	-7450.8	917	7.7	122009.0	-7446.8	1007	9.4	125033.0	-7428.8
738	9.6	104615.0	-7433.9	828	9.0	112959.5	-7441.0	918	9.6	122126.0	-7405.2	1008	9.6	125034.0	-7424.3
739	9.5	104623.0	-7446.8	829	9.5	113005.0	-7433.5	919	8.8	122133.0	-7455.6	1009	9.6	125310.0	-7410.4
740	8.3	104650.0	-7441.7	830	9.5	113055.5	-7442.4	920	9.6	122158.0	-7437.6	1010	9.6	125345.0	-7415.1
741	9.8	104652.0	-7457.2	831	9.3	113205.0	-7450.0	921	9.5	122248.0	-7419.9	1011	9.6	125511.0	-7430.2
742	9.7	104726.0	-7447.9	832	9.3	113336.5	-7407.9	922	7.2	122317.0	-7442.5	1012	9.6	125605.5	-7458.0
743	9.8	104755.0	-7444.1	833	9.6	113424.0	-7430.9	923	9.6	122336.0	-7409.2	1013	8.8	125629.0	-7436.7
744	9.8	104807.0	-7444.0	834	9.6	113445.0	-7403.3	924	9.6	122356.0	-7437.2	1014	8.8	125630.0	-7420.6
745	9.6	104847.0	-7438.9	835	9.6	113445.0	-7409.9	925	9.0	122454.0	-7421.8	1015	8.6	125640.0	-7413.1
746	9.3	104852.0	-7457.6	836	9.5	113514.0	-7451.0	926	9.2	122505.0	-7429.9	1016	9.4	125728.0	-7450.8
747	9.9	104855.0	-7430.9	837	8.6	113530.0	-7420.5	927	7.5	122508.0	-7444.6	1017	9.0	125736.0	-7403.8
748	8.4	105004.0	-7443.1	838	8.7	113626.0	-7425.5	928	9.6	122509.0	-7415.2	1018	9.3	125812.0	-7416.2
749	9.6	105005.0	-7442.6	839	7.1	113644.5	-7432.0	929	9.6	122537.0	-7445.1	1019	9.3	125820.0	-7418.7
750	9.8	105140.0	-7453.1	840	9.6	113739.0	-7401.8	930	9.6	122538.0	-7412.5	1020	8.8	125843.0	-7455.3
751	7.7	105154.0	-7431.3	841	9.5	113745.0	-7437.8	931	9.6	122545.0	-7434.4	1021	9.0	125906.0	-7432.7
752	9.7	105306.0	-7400.6	842	9.6	113855.0	-7417.1	932	9.0	122547.0	-7441.8	1022	9.6	125929.0	-7407.6
753	9.6	105309.0	-7444.6	843	8.1	113942.0	-7410.7	933	8.6	122611.0	-7437.9	1023	9.4	125931.0	-7406.2
754	9.6	105327.0	-7426.0	844	9.6	114011.0	-7414.5	934	9.6	122700.0	-7456.0	1024	9.6	125945.0	-7404.0
755	7.6	105343.0	-7425.8	845	9.3	114034.0	-7407.5	935	9.0	122746.0	-7442.3	1025	9.2	130129.0	-7450.7
756	9.4	105357.0	-7406.0	846	8.5	114055.0	-7424.8	936	9.6	122800.0	-7446.9	1026	9.0	130141.0	-7401.9
757	8.5	105432.0	-7455.9	847	9.3	114115.0	-7420.7	937	9.6	122816.0	-7439.9	1027	8.9	130237.0	-7443.6
758	8.9	105447.0	-7404.9	848	9.6	114148.0	-7406.1	938	9.6	122816.0	-7439.7	1028	9.6	130240.0	-7419.2
759	9.4	105535.0	-7436.8	849	9.6	114203.0	-7417.4	939	9.5	122823.5	-7406.0	1029	9.1	130336.0	-7438.8
760	9.7	105544.0	-7404.9	850	9.5	114215.5	-7401.0	940	9.6	122831.0	-7445.2	1030	9.3	130343.0	-7419.8
761	9.6	105601.0	-7409.2	851	9.0	114250.0	-7410.1	941	9.6	122831.0	-7445.0	1031	9.4	130413.0	-7425.7

1032	8.5	130456.0	-7430.3	1122	9.6	134700.0	-7414.7	1212	9.9	142733.9	-7449.7
1033	9.6	130517.0	-7426.7	1123	9.4	134725.0	-7439.2	1213	9.4	142745.2	-7420.1
1034	9.4	130518.0	-7450.4	1124	9.0	134851.0	-7436.3	1214	9.5	142747.9	-7415.0
1035	9.6	130545.0	-7421.8	1125	9.4	135029.0	-7441.8	1215	10.0	142804.9	-7436.7
1036	9.4	130608.0	-7407.8	1126	9.4	135100.0	-7442.7	1216	9.6	142829.4	-7436.0
1037	9.4	130611.0	-7441.2	1127	9.6	135110.0	-7445.1	1217	10.0	142836.4	-7413.9
1038	9.3	130737.0	-7442.8	1128	9.6	135141.0	-7431.9	1218	7.8	142856.5	-7435.7
1039	9.6	130755.0	-7450.5	1129	9.2	135203.0	-7452.7	1219	10.0	142900.0	-7459.0
1040	8.9	130823.0	-7421.9	1130	9.6	135253.0	-7454.3	1220	9.6	142921.1	-7444.3
1041	9.6	130850.0	-7400.9	1131	9.6	135307.0	-7429.1	1221	9.2	142949.0	-7419.3
1042	9.6	130851.0	-7434.2	1132	9.4	135319.0	-7441.0	1222	9.4	142955.1	-7444.1
1043	9.4	130910.0	-7443.5	1133	9.3	135343.0	-7429.5	1223	10.0	143019.6	-7408.7
1044	8.6	130933.0	-7410.6	1134	9.6	135413.0	-7445.1	1224	10.0	143049.1	-7408.8
1045	9.6	131007.0	-7408.7	1135	9.4	135443.0	-7408.1	1225	10.0	143109.6	-7406.9
1046	9.6	131029.0	-7437.0	1136	9.6	135510.0	-7452.3	1226	8.4	143116.8	-7427.0
1047	9.4	131047.0	-7456.4	1137	9.6	135551.0	-7452.0	1227	9.7	143159.6	-7458.7
1048	9.2	131158.5	-7412.7	1138	9.3	135606.0	-7444.6	1228	10.0	143209.6	-7413.2
1049	9.6	131225.5	-7443.0	1139	8.8	135610.0	-7405.2	1229	9.2	143222.1	-7441.4
1050	9.3	131225.5	-7433.9	1140	9.4	135616.0	-7406.9	1230	9.7	143239.3	-7431.1
1051	9.6	131230.5	-7416.5	1141	9.2	135700.0	-7419.1	1231	9.4	143246.8	-7419.0
1052	9.4	131234.5	-7415.7	1142	6.7	135703.0	-7415.2	1232	10.0	143301.3	-7458.8
1053	9.6	131342.5	-7443.9	1143	9.6	135719.0	-7421.4	1233	9.5	143317.8	-7449.9
1054	9.4	131403.5	-7426.9	1144	8.6	135744.0	-7406.8	1234	9.7	143419.6	-7444.0
1055	9.4	131410.5	-7413.2	1145	9.6	135850.0	-7433.4	1235	10.0	143428.1	-7458.8
1056	9.3	131444.5	-7442.7	1146	9.3	135919.3	-7401.9	1236	9.4	143438.1	-7421.2
1057	6.7	131520.5	-7413.8	1147	9.4	140011.0	-7446.8	1237	9.8	143451.9	-7405.3
1058	9.4	131724.5	-7424.3	1148	9.0	140121.0	-7436.8	1238	9.9	143457.4	-7425.4
1059	6.1	131724.5	-7402.5	1149	9.3	140143.0	-7459.1	1239	10.0	143617.4	-7431.2
1060	9.6	131742.5	-7415.5	1150	9.6	140153.0	-7431.3	1240	9.8	143634.4	-7450.9
1061	9.6	131751.5	-7420.5	1151	9.6	140154.0	-7432.4	1241	9.8	143655.7	-7401.9
1062	9.6	131811.5	-7419.8	1152	9.4	140218.0	-7406.9	1242	9.8	143656.9	-7405.5
1063	8.9	131940.5	-7415.2	1153	9.4	140230.0	-7453.0	1243	10.0	143724.9	-7410.2
1064	9.6	132025.0	-7458.6	1154	9.4	140235.3	-7401.3	1244	9.5	143801.4	-7425.3
1065	9.3	132120.5	-7409.1	1155	9.4	140311.0	-7440.8	1245	10.0	143820.4	-7419.3
1066	9.4	132230.5	-7437.6	1156	9.4	140340.0	-7429.1	1246	6.8	143823.9	-7424.5
1067	8.5	132252.5	-7431.6	1157	9.3	140353.0	-7440.0	1247	10.0	143847.2	-7455.4
1068	8.6	132312.5	-7428.8	1158	9.4	140412.0	-7418.1	1248	9.4	143853.9	-7423.7
1069	9.3	132432.5	-7454.4	1159	9.6	140452.0	-7450.8	1249	9.4	143921.4	-7447.6
1070	9.3	132500.5	-7408.9	1160	9.6	140706.0	-7412.9	1250	9.5	143941.9	-7426.2
1071	9.6	132549.0	-7444.4	1161	7.6	140723.0	-7435.8	1251	10.0	143951.9	-7433.1
1072	8.9	132603.0	-7433.5	1162	9.6	140755.0	-7417.1	1252	10.0	144015.9	-7459.7
1073	8.9	132631.0	-7454.3	1163	9.1	140814.0	-7445.3	1253	10.0	144016.9	-7412.3
1074	9.6	132821.5	-7425.3	1164	9.6	140838.0	-7452.4	1254	9.4	144019.8	-7434.8
1075	8.5	132835.0	-7421.9	1165	8.8	140847.0	-7432.1	1255	9.5	144041.8	-7422.9
1076	9.4	132926.0	-7421.1	1166	9.6	140850.0	-7413.7	1256	9.0	144115.5	-7400.2
1077	8.8	132930.5	-7448.9	1167	9.1	141103.0	-7404.2	1257	10.0	144140.8	-7444.2
1078	9.3	132956.5	-7420.7	1168	9.0	141235.0	-7427.7	1258	8.8	144147.3	-7417.0
1079	9.1	133035.0	-7439.8	1169	9.6	141256.0	-7452.5	1259	10.0	144203.8	-7408.3
1080	9.0	133038.0	-7408.4	1170	9.2	141410.0	-7406.9	1260	9.7	144229.8	-7439.3
1081	7.4	133104.5	-7428.7	1171	9.6	141417.0	-7426.2	1261	10.0	144249.3	-7429.1
1082	9.6	133127.0	-7443.1	1172	9.6	141448.0	-7407.0	1262	9.4	144300.8	-7405.4
1083	8.8	133133.0	-7408.5	1173	9.2	141458.0	-7406.0	1263	10.0	144311.8	-7418.4
1084	9.4	133205.5	-7406.4	1174	9.0	141500.0	-7409.3	1264	10.0	144315.3	-7448.2
1085	9.6	133312.0	-7418.2	1175	9.4	141536.0	-7451.0	1265	9.5	144322.3	-7416.8
1086	9.1	133336.0	-7450.0	1176	9.6	141551.0	-7458.8	1266	10.0	144324.3	-7437.6
1087	9.6	133343.0	-7456.2	1177	9.6	141608.0	-7420.7	1267	9.4	144347.3	-7405.4
1088	9.3	133400.0	-7453.5	1178	9.4	141620.0	-7431.0	1268	9.4	144400.3	-7443.4
1089	9.6	133413.0	-7441.8	1179	9.6	141715.0	-7455.1	1269	10.0	144401.3	-7448.6
1090	9.6	133433.0	-7451.6	1180	9.6	141715.0	-7452.2	1270	9.5	144409.3	-7416.3
1091	9.6	133440.0	-7446.2	1181	9.4	141724.0	-7443.5	1271	9.4	144429.8	-7429.5
1092	9.1	133611.0	-7431.9	1182	9.1	141821.0	-7411.7	1272	9.4	144442.3	-7439.4
1093	9.1	133612.0	-7430.1	1183	8.7	142031.0	-7409.3	1273	9.8	144459.3	-7429.4
1094	9.3	133620.0	-7407.1	1184	9.6	142034.0	-7445.8	1274	10.0	144459.3	-7403.5
1095	9.1	133633.0	-7408.2	1185	9.6	142216.0	-7438.4	1275	8.8	144507.3	-7429.8
1096	8.9	133652.0	-7424.1	1186	9.6	142221.0	-7438.1	1276	10.0	144515.3	-7413.5
1097	9.3	133724.0	-7414.1	1187	9.6	142254.0	-7432.2	1277	9.8	144535.3	-7410.1
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-74 1751 18h57m

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1894	9.8	200924.0	-7415.5
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1898	9.2	201102.5	-7403.1
1899	9.0	201112.0	-7446.1
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1901	9.4	201153.5	-7407.4
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1903	9.2	201238.5	-7414.3
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1905	9.7	201251.5	-7407.1
1906	8.3	201255.0	-7441.0
1907	9.2	201258.5	-7454.1
1908	9.3	201323.5	-7406.7
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1971	8.8	210214.0	-7412.8
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1980	9.4	210834.5	-7451.6
1981	8.3	210859.5	-7422.8
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1984	9.4	211302.0	-7432.5
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1986	10.3	211321.0	-7413.2
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2112	9.8	234802.8	-7432.3	66	8.7	04753.0	-7533.0	156	7.8	21024.3	-7505.2	246	9.4	34319.0	-7557.0
2113	9.8	234809.3	-7436.3	67	9.6	04822.0	-7558.1	157	10.9	21127.3	-7504.3	247	9.8	34445.0	-7545.6
2114	10.4	234904.8	-7405.7	68	7.6	04854.0	-7519.9	158	10.9	21227.3	-7551.0	248	9.5	34528.0	-7524.3
2115	10.8	234921.8	-7442.8	69	9.4	04932.5	-7500.9	159	10.6	21237.8	-7546.4	249	9.4	34646.0	-7531.1
2116	10.2	234952.3	-7412.1	70	9.2	05643.0	-7559.5	160	10.6	21310.3	-7528.8	250	9.8	35013.0	-7503.6
2117	8.6	235028.6	-7459.9	71	9.9	05723.0	-7527.7	161	8.7	21357.3	-7557.6	251	7.4	35027.0	-7504.4
2118	10.8	235029.8	-7454.4	72	9.8	05759.0	-7507.6	162	10.7	21457.3	-7507.4	252	9.4	35540.0	-7546.1
2119	11.1	235039.3	-7418.3	73	9.3	05950.0	-7502.8	163	9.4	21523.8	-7514.3	253	9.0	35620.0	-7540.3
2120	11.0	235200.3	-7434.9	74	9.3	10348.0	-7546.0	164	10.9	21540.3	-7504.8	254	8.5	35754.0	-7531.2
2121	11.1	235215.3	-7430.9	75	9.9	10947.0	-7533.1	165	10.9	21625.8	-7555.5	255	9.4	35802.0	-7529.0
2122	9.0	235225.8	-7445.1	76	9.6	10959.0	-7526.3	166	10.9	21707.3	-7549.8	256	9.1	40109.0	-7505.7
2123	11.0	235236.6	-7458.3	77	9.1	11007.0	-7546.2	167	10.7	21827.3	-7534.2	257	9.9	40353.0	-7500.4
2124	11.1	235246.8	-7409.6	78	9.3	11104.0	-7517.4	168	10.6	21916.8	-7508.6	258	8.6	40359.0	-7556.9
2125	10.4	235253.1	-7458.3	79	9.8	11458.0	-7537.3	169	10.4	21948.8	-7558.5	259	8.7	40604.0	-7529.8
2126	9.2	235257.3	-7440.2	80	9.9	11624.0	-7529.5	170	9.8	22224.0	-7511.9	260	8.7	40841.0	-7551.7
2127	11.0	235311.8	-7421.5	81	9.2	11739.0	-7505.0	171	9.8	22259.5	-7523.6	261	9.3	41015.5	-7540.7
2128	9.8	235435.3	-7403.6	82	9.8	11944.0	-7544.7	172	8.0	22344.5	-7500.1	262	9.7	41351.5	-7525.6
2129	11.1	235515.8	-7410.5	83	9.9	12114.0	-7544.4	173	10.0	22552.3	-7558.5	263	9.7	41656.5	-7554.0
2130	10.6	235546.3	-7444.2	84	9.5	12243.9	-7539.4	174	10.6	22607.5	-7554.4	264	9.3	41722.5	-7540.1
2131	10.8	235601.8	-7433.5	85	10.7	12247.2	-7515.6	175	10.4	22647.5	-7505.7	265	8.0	41933.5	-7538.7
2132	9.8	235722.3	-7401.0	86	9.4	12348.0	-7559.8	176	9.4	22708.8	-7521.9	266	9.2	42356.5	-7541.2
2133	8.3	235812.3	-7432.8	87	10.9	12421.7	-7523.3	177	9.2	22812.5	-7503.7	267	9.5	42439.5	-7522.7
2134	10.8	235830.3	-7411.1	88	8.4	12515.6	-7541.5	178	10.0	22814.5	-7555.5	268	8.4	42742.5	-7553.1
2135	11.1	235944.8	-7406.7	89	10.9	12600.7	-7550.7	179	10.9	22825.0	-7545.7	269	8.5	42820.0	-7558.1
2136	11.1	235959.1	-7458.8	90	10.4	12702.2	-7532.6	180	10.7	22841.3	-7548.1	270	9.2	42842.5	-7508.8
1	11.1	00007.4	-7537.5	91	10.4	12753.2	-7503.0	181	10.9	22855.3	-7500.2	271	9.7	43301.0	-7559.7
2	9.4	00003.4	-7505.8	92	10.2	12801.2	-7555.7	182	10.8	23031.8	-7535.0	272	9.2	43307.0	-7553.2
3	10.8	00124.9	-7511.8	93	9.2	12814.7	-7552.6	183	10.0	23119.2	-7530.6	273	9.5	43501.0	-7539.7
4	10.2	00147.4	-7520.8	94	10.7	12823.2	-7534.5	184	10.9	23137.3	-7558.7	274	8.8	43545.0	-7556.1
5	9.8	00221.4	-7550.1	95	10.2	12837.2	-7524.5	185	10.2	23216.8	-7502.7	275	9.7	43621.0	-7554.9
6	11.1	00228.9	-7547.1	96	8.3	12904.7	-7515.4	186	10.9	23312.3	-7549.6	276	9.1	43832.0	-7555.4
7	10.8	00248.4	-7554.8	97	10.9	12927.2	-7532.5	187	9.5	23320.4	-7541.8	277	9.7	44058.0	-7502.5
8	9.2	00259.4	-7507.1	98	10.2	12944.2	-7552.7	188	8.7	23355.6	-7537.6	278	9.2	44233.0	-7520.3
9	10.2	00322.9	-7535.6	99	9.6	12945.6	-7517.5	189	10.8	23407.3	-7521.2	279	9.2	44247.5	-7501.1
0	11.1	00621.9	-7517.6	100	10.8	12955.2	-7548.9	190	9.8	23513.3	-7531.7	280	8.9	44401.0	-7523.0
1	10.8	00626.4	-7554.8	101	10.9	13055.2	-7512.7	191	9.0	23517.4	-7502.5	281	9.7	44404.5	-7511.1
2	10.6	00645.9	-7525.2	102	10.8	13143.2	-7529.5	192	10.9	23520.3	-7541.7	282	9.6	44453.0	-7544.1
3	10.4	00658.4	-7553.4	103	10.9	13200.7	-7553.0	193	10.9	23601.8	-7507.6	283	9.0	44904.0	-7521.3
4	11.1	00739.4	-7527.5	104	9.2	13218.7	-7518.8	194	10.7	23615.3	-7513.7	284	9.7	45051.0	-7517.2
5	8.9	00755.9	-7522.9	105	8.6	13253.7	-7533.7	195	9.4	23619.4	-7524.7	285	9.1	45110.0	-7517.0
6	7.7	00809.4	-7536.5	106	10.2	13359.7	-7500.4	196	10.0	23806.8	-7522.1	286	9.1	45210.5	-7559.6
7	11.0	00921.4	-7559.0	107	10.2	13411.3	-7533.2	197	9.3	23851.0	-7514.8	287	9.6	45615.0	-7558.5
8	11.0	01139.9	-7516.7	108	10.9	13456.3	-7552.5	198	9.1	23921.0	-7527.4	288	9.7	45647.0	-7512.6
9	9.8	01152.9	-7506.9	109	10.2	13506.3	-7544.6	199	9.2	23930.0	-7521.8	289	9.4	45841.0	-7511.5
0	8.4	01236.4	-7555.0	110	9.8	13710.3	-7515.7	200	9.1	24229.0	-7546.0	290	7.5	45848.0	-7507.6
1	10.4	01244.9	-7556.1	111	8.0	13754.8	-7537.1	201	9.0	24523.0	-7521.3	291	9.6	50056.0	-7513.8
2	11.1	01333.4	-7551.0	112	10.2	13937.3	-7513.3	202	9.1	24848.0	-7522.9	292	9.0	50212.0	-7527.3
3	9.8	01440.4	-7548.8	113	10.6	14000.3	-7515.6	203	9.3	24903.0	-7553.7	293	9.6	50235.0	-7505.8
4	10.6	01501.4	-7535.6	114	10.7	14105.8	-7508.2	204	6.5	25118.0	-7534.5	294	9.6	50501.0	-7544.3
5	10.6	01524.4	-7549.8	115	10.6	14140.8	-7506.0	205	8.1	25150.0	-7528.3	295	9.7	50503.0	-7515.8
6	11.0	01525.4	-7524.8	116	10.2	14211.8	-7518.5	206	9.5	25309.0	-7517.2	296	9.7	50737.0	-7505.3
7	8.4	01528.4	-7534.2	117	10.9	14236.8	-7526.1	207	8.1	25442.0	-7556.3	297	8.9	50802.0	-7511.0
8	10.2	01536.4	-7533.6	118	10.7	14308.3	-7518.2	208	9.5	25544.0	-7524.3	298	8.7	50805.0	-7505.1
9	10.4	01554.2	-7502.5	119	10.6	14311.3	-7509.1	209	9.3	25628.0	-7531.0	299	9.4	51108.0	-7541.1
0	11.1	01606.4	-7502.2	120	10.9	14326.3	-7542.7	210	9.7	25701.0	-7524.5	300	8.6	51608.0	-7529.9
1	11.1	01607.4	-7552.0	121	9.8	14420.3	-7525.5	211	9.2	25742.0	-7548.0	301	9.3	51625.0	-7516.8
2	11.0	01822.7	-7500.5	122	10.2	14425.3	-7528.8	212	9.4	25801.0	-7559.6	302	9.7	51856.0	-7508.0
3	9.2	01831.9	-7556.5	123	8.2	14450.8	-7521.9	213	9.7	30127.5	-7541.1	303	9.2	51948.0	-7513.8
4	9.0	01859.9	-7531.0	124	10.4	14450.8	-7509.2	214	9.0	30227.0	-7541.5	304	9.3	52025.0	-7511.2
5	9.6	01926.4	-7544.5	125	10.9	14515.8	-7552.4	215	9.5	30247.0	-7558.9	305	9.5	52104.0	-7510.4
6	9.6	01934.5	-7557.5	126	10.9	14706.3	-7545.1	216	8.7	30251.0	-7546.6	306	9.2	52149.0	-7518.5
7	8.9	01959.5	-7505.9	127	8.8	14801.8	-7551.8	217	9.7	30515.0	-7538.7	307	9.7	52409.5	-7501.3
8	11.0	02211.4	-7543.2	128	9.0	14814.3	-7526.7	218	9.0	30700.0	-7512.5	308	9.3	52517.0	-7544.8
9	10.6	02304.4	-7508.8	129	10.9	14848.3	-7553.7	219	9.7	30719.5	-7532.0	309	8.3	52614.5	-7507.0
0	8.8	02346.0	-7527.7	130	9.5	14932.3	-7528.7	220	8.9	30732.0	-7534.6	310	9.2	52644.0	-7506.6
1	9.8	02349.7	-7530.3	131	9.4	14954.8	-7520.4	221	9.5	30804.0	-7559.9	311	9.4	52713.5	-7549.2
2	11.1	02540.0	-7531.6	132	10.4	15016.8	-7550.8	222	9.7	31004.0	-7520.4	312	9.9	52739.0	-7512.9
3	11.1	02543.0	-7534.1	133	9.8	15111.8	-7522.8	223	9.3	31023.0	-7511.0	313	9.3	52846.0	-7543.4
4	10.2	02600.0	-7518.1	134	9.4	15143.0	-7514.5	224	8.4	31239.0	-7542.0	314	8.0	52948.0	-7546.9
5	10.0	02658.5	-7530.0	135	10.0	15213.5	-7505.8	225	8.2	31243.0	-7508.0	315	9.9	53020.5	-7559.9
6	10.8	02703.5	-7533.0	136	10.9	15241.5	-7503.6	226	9.0	31320.0	-7554.0	316	9.3	53151.5	-7529.7
7	9.2	02709.3	-7556.9	137	8.8	15332.5	-7543.6	227	9.7	31545.0	-7520.9	317	9.5	53202.5	-7559.3
8	10.0	02718.5	-7557.0	138	10.2	15416.5	-7529.9	228	9.2	31855.0	-7530.5	318	9.4	53233.0	-7513.7
9	1 .1	02819.5	-7550.3	139	10.9	15534.0	-7539.6	229	9.7	31925.0	-7546.1	319	9.8	53352.0	-7553.8
0	.8	02854.9	-7538.9	140	8.4	15546.8	-7558.7	230	9.7	32029.0	-7501.7	320	9.9	53507.0	-7523.0
1	10.4	02937.5	-7529.9	141	9.2	15556.0	-7556.0	231	7.6	32253.8	-7502.2	321	8.0	53708.0	-7518.7
2	10.0	02940.3	-7550.5	142	9.0	15911.0	-7513.2	232	9.0	32409.0	-7537.3	322	9.8	53720.0	-7547.7
3	11.0	03019.2	-7558.7	143	10.2	20008.8	-7558.7	233	9.2	32520.5	-7543.2	323	9.2	53721.0	-7515.4
4	10.8	03034.6	-7500.5	144	8.4	20037.0	-7502.8	234	9.1	32544.5	-7525.1	324	9.3	53824.0	-7510.0
5	8.4	03058.6	-7533.5	145	10.9	20201.0	-7519.2	235	9.8	33042.0	-7542.9	325	9.3	53917.0	-7526.9
6	11.1	03121.8	-7553.8	146	10.9	20250.5	-7531.7	236	7.7	33152.0	-7501.1	326	9.5	53936.0	-7525.4
7	8.6	03404.2	-7550.3	147	10.6	20330.0	-7503.8	237	9.7	33448.0	-7529.6	327	9.5	54101.0	-7513.4
8	11.0	03519.3	-7523.7	148	10.2	20407.0	-7501.8	238	8.7	33507.5	-7533.0	328	9.9	54123.0	-7540.6
9	11.0	03656.3	-7548.0	149	8.8	20639.5	-7509.2	239	9.3	33513.0	-7548.1	329	8.6	54145.0	-7530.9
0	10.6	03927.5	-7558.4	150	9.6	20647.5	-7517.3	240	9.4	33537.0	-7532.8	330	9.6	54208.0	-7530.9
1	9.1	04106.0	-7524.2	151	10.0	20654.0	-7555.4	241	9.5	33735.0	-7511.3	331	9.6	54555.0	-7510.9
2	9.7	04227.0	-7528.1	152	10.9	20916.8	-7529.0	242	9.5	33852.0	-7521.5	332	9.7	54612.0	-7517.7
3	9.6	04253.0	-7547.5	153	10.4	20928.8	-7505.9	243	9.9	33913.0	-7534.0	333	9.4	54653.0	-7517.8
4	6.6	04414.0	-7536.2	154	10.4	20941.3	-7541.1	244	7.4	33949.0	-7513.5	334	8.1	54653.0	-7552.9
5	9.4	04515.0	-7540.3	155	10.9	21002.3	-7524.1	245	9.8	34153.0	-7538.9	335	9.8	54722.0	-7554.6

336	9.3	54732.0	-7534.4	426	8.5	71155.0	-7550.4	516	9.7	83902.0	-7511.8	606	9.8	94115.0	-7533.1
337	9.8	54833.0	-7518.4	427	8.4	71208.0	-7505.7	517	9.1	83920.0	-7543.4	607	9.3	94133.0	-7505.5
338	9.6	54847.0	-7513.9	428	9.8	71324.0	-7503.9	518	9.5	84008.0	-7536.9	608	9.9	94139.0	-7507.1
339	9.8	54852.0	-7540.1	429	9.8	71442.0	-7515.3	519	9.5	84015.0	-7508.8	609	9.6	94153.0	-7532.9
340	9.4	54853.0	-7550.1	430	9.2	71443.5	-7558.2	520	9.3	84044.0	-7515.9	610	8.5	94219.0	-7521.1
341	9.5	55001.0	-7548.2	431	9.3	71448.0	-7515.7	521	8.8	84116.0	-7516.4	611	9.8	94248.0	-7536.2
342	9.3	55004.0	-7519.1	432	9.0	71518.0	-7510.9	522	9.4	84124.0	-7548.9	612	9.8	94249.0	-7546.1
343	9.5	55029.0	-7521.8	433	9.3	71553.0	-7558.1	523	9.1	84128.0	-7511.1	613	9.2	94319.0	-7514.6
344	9.6	55127.0	-7517.3	434	9.8	71605.0	-7530.9	524	9.7	84211.0	-7556.8	614	9.9	94422.0	-7509.4
345	8.6	55255.0	-7502.8	435	9.5	71645.0	-7537.9	525	9.7	84319.0	-7534.4	615	8.6	94429.0	-7519.3
346	9.9	55327.0	-7537.4	436	9.6	71703.0	-7527.8	526	9.6	84423.0	-7539.6	616	9.0	94436.0	-7530.0
347	9.4	55433.0	-7506.9	437	7.8	71928.0	-7538.2	527	9.2	84424.0	-7518.9	617	9.6	94500.5	-7502.6
348	9.9	55517.0	-7531.7	438	9.6	71938.0	-7537.2	528	9.6	84430.0	-7532.0	618	9.9	94536.0	-7532.1
349	9.8	55627.0	-7531.3	439	9.2	72115.0	-7526.7	529	9.2	84433.0	-7513.3	619	9.8	94649.0	-7513.9
350	8.3	55749.0	-7521.3	440	9.8	72141.5	-7557.9	530	9.6	84525.0	-7503.8	620	9.8	94744.0	-7533.6
351	9.3	55803.0	-7537.3	441	9.8	72202.0	-7527.9	531	9.3	84530.0	-7540.9	621	7.5	94753.0	-7511.9
352	8.5	55914.0	-7528.1	442	9.6	72441.0	-7554.8	532	9.7	84610.0	-7527.3	622	8.7	94813.0	-7534.7
353	9.8	55951.0	-7524.8	443	8.2	72515.0	-7506.5	533	9.6	84632.0	-7556.0	623	9.8	94852.0	-7551.1
354	9.6	60108.0	-7537.9	444	9.6	72536.0	-7541.9	534	9.3	84639.0	-7548.3	624	9.4	94928.0	-7517.1
355	9.3	60124.0	-7542.8	445	8.3	72944.0	-7519.8	535	9.4	84700.0	-7512.9	625	9.9	95007.0	-7507.9
356	9.8	60128.0	-7503.6	446	9.9	73047.0	-7532.3	536	8.6	84739.0	-7526.0	626	9.0	95138.0	-7559.6
357	9.5	60128.0	-7505.2	447	9.2	73107.5	-7529.4	537	9.3	84912.0	-7553.0	627	9.6	95226.0	-7531.0
358	9.9	60129.0	-7539.1	448	8.5	73206.0	-7508.5	538	9.1	85033.0	-7527.5	628	9.5	95234.0	-7515.1
359	9.4	60229.5	-7559.8	449	9.5	73212.5	-7518.8	539	9.7	85130.0	-7519.6	629	9.3	95405.0	-7557.2
360	9.9	60234.0	-7558.9	450	9.0	73402.0	-7537.8	540	9.7	85143.0	-7526.3	630	9.3	95814.0	-7511.6
361	9.4	60302.0	-7523.6	451	9.6	73502.0	-7509.9	541	7.9	85144.0	-7511.2	631	9.6	95940.0	-7528.7
362	8.7	60302.0	-7509.7	452	8.5	73510.5	-7515.0	542	9.4	85229.0	-7528.9	632	9.6	100112.0	-7533.4
363	9.9	60633.0	-7517.0	453	9.5	73541.0	-7513.0	543	9.5	85310.0	-7544.7	633	9.8	100128.0	-7502.6
364	9.9	61002.0	-7508.9	454	9.4	73549.5	-7503.5	544	9.7	85443.0	-7548.4	634	9.0	100254.0	-7527.5
365	9.4	61032.0	-7551.7	455	9.6	73617.0	-7535.6	545	9.6	85526.0	-7521.9	635	9.3	100257.0	-7509.0
366	9.8	61220.0	-7558.7	456	9.1	73708.0	-7555.3	546	9.7	85537.0	-7525.3	636	9.0	100304.0	-7527.8
367	9.8	61422.0	-7533.8	457	9.8	73734.0	-7530.2	547	9.7	85601.0	-7507.3	637	9.8	100711.0	-7547.8
368	7.8	61600.5	-7502.6	458	7.8	73902.0	-7515.4	548	9.7	85640.0	-7545.0	638	9.4	100909.0	-7513.9
369	9.2	61712.0	-7544.5	459	9.6	74106.0	-7507.9	549	9.7	85644.0	-7526.9	639	9.2	101024.0	-7533.0
370	8.4	61722.0	-7552.9	460	9.3	74315.0	-7534.4	550	9.7	85719.0	-7526.4	640	8.0	101104.0	-7527.4
371	8.5	61733.0	-7554.8	461	9.9	74315.0	-7558.3	551	9.7	85720.0	-7558.9	641	9.8	101143.0	-7513.0
372	9.4	61905.0	-7507.0	462	8.9	74500.0	-7527.9	552	8.3	85732.0	-7545.8	642	9.9	101144.0	-7516.8
373	9.4	61936.0	-7511.9	463	9.8	74613.0	-7554.9	553	8.3	85805.0	-7554.3	643	9.8	101217.0	-7538.7
374	8.9	62312.0	-7509.6	464	9.5	74926.0	-7526.0	554	8.9	90116.0	-7513.9	644	8.8	101514.0	-7525.5
375	8.3	62348.0	-7538.0	465	9.7	75026.0	-7542.6	555	9.7	90200.0	-7534.9	645	8.5	101619.0	-7510.9
376	7.9	62520.0	-7503.4	466	9.9	75122.0	-7549.2	556	9.4	90226.0	-7534.0	646	9.9	101709.0	-7529.5
377	9.9	62533.5	-7531.7	467	9.5	75311.0	-7515.9	557	9.5	90318.0	-7548.7	647	9.2	101749.0	-7512.2
378	9.8	62606.0	-7535.1	468	9.6	75331.0	-7537.9	558	9.7	90346.0	-7545.0	648	9.8	101758.0	-7504.2
379	9.5	62853.5	-7515.9	469	9.8	75516.0	-7518.0	559	9.7	90424.7	-7500.2	649	9.4	101802.0	-7505.1
380	9.6	62918.0	-7539.7	470	9.1	75526.0	-7503.7	560	9.7	90451.0	-7513.8	650	9.9	101854.0	-7516.7
381	9.8	63015.0	-7543.1	471	9.5	75558.0	-7554.9	561	9.7	90638.0	-7528.9	651	8.6	102014.0	-7508.7
382	9.8	63051.0	-7557.8	472	9.2	75920.0	-7531.4	562	9.1	90646.0	-7534.7	652	9.6	102046.0	-7528.4
383	9.5	63147.0	-7544.1	473	9.9	75953.0	-7525.9	563	8.9	90711.7	-7502.0	653	9.8	102112.0	-7515.1
384	9.8	63153.0	-7511.2	474	9.9	80055.0	-7510.0	564	9.7	91103.0	-7511.0	654	8.7	102233.0	-7520.1
385	9.6	63414.0	-7530.1	475	9.1	80122.0	-7517.8	565	9.7	91112.0	-7531.9	655	9.4	102234.0	-7533.7
386	9.6	63430.0	-7552.8	476	9.5	80300.0	-7543.4	566	9.5	91127.0	-7541.9	656	9.5	102304.0	-7551.9
387	9.8	63616.0	-7505.0	477	9.1	80305.0	-7543.2	567	9.7	91200.0	-7544.1	657	9.3	102323.0	-7521.9
388	9.8	63634.0	-7540.5	478	9.5	80308.0	-7509.0	568	9.7	91228.0	-7547.0	658	9.6	102350.0	-7505.8
389	9.8	63747.0	-7538.4	479	9.3	80353.0	-7551.7	569	8.9	91231.0	-7500.6	659	9.8	102415.0	-7520.5
390	9.6	63849.0	-7502.0	480	9.9	80531.0	-7537.1	570	7.5	91416.0	-7506.1	660	8.8	102420.0	-7549.0
391	8.7	63849.0	-7506.6	481	9.9	80551.0	-7552.9	571	9.6	91423.0	-7513.2	661	9.9	102429.0	-7542.2
392	9.8	63900.0	-7542.3	482	9.9	80642.0	-7512.5	572	9.0	91549.0	-7537.8	662	9.6	102446.0	-7546.3
393	9.0	63955.0	-7542.7	483	9.8	81038.0	-7513.3	573	9.2	91606.0	-7533.5	663	9.0	102502.0	-7511.2
394	9.8	63957.0	-7552.7	484	9.9	81107.0	-7548.2	574	9.0	91711.0	-7545.0	664	8.6	102557.0	-7535.7
395	8.8	64015.0	-7540.8	485	9.1	81120.0	-7541.3	575	7.3	92054.0	-7510.8	665	8.9	102644.0	-7539.1
396	9.2	64052.0	-7532.9	486	9.7	81409.0	-7539.3	576	9.7	92055.0	-7520.0	666	9.8	102812.5	-7552.2
397	9.4	64200.0	-7548.9	487	9.8	81445.0	-7551.0	577	8.7	92146.0	-7510.0	667	9.5	102850.0	-7523.8
398	9.3	64239.0	-7539.9	488	8.7	81634.0	-7546.7	578	9.2	92300.0	-7532.9	668	9.6	102909.0	-7523.5
399	8.6	64324.0	-7522.9	489	9.9	81650.0	-7504.9	579	9.4	92346.0	-7553.4	669	9.2	102935.5	-7552.1
400	9.6	64326.0	-7538.9	490	9.8	81657.0	-7546.1	580	8.9	92430.0	-7524.9	670	9.6	102935.5	-7537.8
401	9.8	64505.0	-7506.0	491	9.9	81704.0	-7500.1	581	9.1	92550.0	-7517.0	671	8.6	103046.5	-7523.6
402	9.4	64527.0	-7521.5	492	9.5	81758.0	-7508.5	582	8.2	92550.5	-7513.8	672	9.0	103050.0	-7514.2
403	9.2	64801.0	-7526.4	493	9.9	81827.0	-7531.8	583	9.7	92702.0	-7507.8	673	9.9	103053.0	-7544.1
404	9.4	64852.0	-7553.8	494	9.7	81845.0	-7509.4	584	9.0	92827.0	-7534.9	674	9.6	103116.5	-7511.7
405	9.5	64912.0	-7546.9	495	9.2	82013.0	-7546.5	585	9.6	92900.0	-7541.7	675	9.8	103149.0	-7533.1
406	9.8	64931.0	-7550.7	496	9.9	82017.0	-7557.4	586	9.8	92905.0	-7505.6	676	9.3	103155.5	-7519.1
407	9.6	65054.0	-7550.8	497	9.9	82144.0	-7501.6	587	9.8	92921.8	-7557.4	677	9.4	103241.0	-7518.0
408	9.2	65152.0	-7533.0	498	9.3	82154.0	-7501.6	588	9.9	93026.0	-7545.0	678	7.6	103305.5	-7539.7
409	9.6	65203.0	-7552.8	499	9.2	82504.0	-7519.5	589	9.8	93045.0	-7531.0	679	7.9	103326.0	-7508.8
410	9.1	65332.0	-7517.7	500	9.8	82737.0	-7537.8	590	8.8	93133.0	-7509.5	680	9.5	103353.0	-7521.5
411	9.6	65350.0	-7510.0	501	9.7	82937.0	-7556.8	591	9.8	93214.0	-7509.0	681	9.5	103414.5	-7509.3
412	9.6	65407.0	-7552.8	502	9.7	82954.0	-7553.5	592	9.8	93224.0	-7525.5	682	9.3	103629.0	-7555.3
413	9.3	65449.0	-7533.8	503	9.6	83053.5	-7549.9	593	9.3	93314.5	-7548.9	683	8.9	103709.0	-7545.3
414	9.5	65555.0	-7514.3	504	9.6	83101.0	-7549.7	594	9.0	93357.0	-7537.5	684	9.7	103819.0	-7507.7
415	9.6	65820.0	-7504.8	505	9.0	83112.0	-7552.5	595	9.6	93412.0	-7518.7	685	8.9	104050.0	-7555.6
416	9.6	70137.0	-7532.5	506	9.6	83136.5	-7547.7	596	8.1	93453.0	-7506.7	686	9.9	104058.0	-7516.2
417	9.3	70227.0	-7513.9	507	9.7	83225.0	-7531.5	597	8.7	93525.5	-7504.9	687	9.5	104244.0	-7540.4
418	9.0	70229.0	-7526.9	508	9.7	83324.0	-7518.4	598	9.9	93610.0	-7528.7	688	9.4	104522.0	-7506.7
419	9.3	70339.5	-7501.4	509	9.7	83523.0	-7501.2	599	9.4	93709.0	-7511.2	689	9.6	104548.0	-7511.4
420	9.3	70523.0	-7525.9	510	9.5	83548.5	-7559.3	600	9.9	93712.0	-7529.1	690	8.2	104613.0	-7534.5
421	9.4	70806.0	-7529.9	511	9.7	83708.0	-7554.8	601	9.8	93717.0	-7545.0	691	9.4	104614.0	-7545.1
422	9.0	70808.0	-7502.0	512	9.5	83742.0	-7525.9	602	9.9	93920.0	-7527.1	692	9.5	104645.0	-7521.3
423	9.0	71012.0	-7537.0	513	9.7	83744.0	-7552.8	603	9.6	93948.0	-7539.3	693	9.5	104726.0	-7508.2
424	9.4	71014.0	-7516.6	514	9.7	83841.0	-7511.9	604	9.8	94019.0	-7536.8	694	9.6	104749.0	-7553.3
425	9.3	71016.0	-7538.9	515	9.6	83845.0	-7550.4	605	9.8	94029.0	-7537.0	695	6.9	104822.0	-7513.1

696	9.5	105004.0	-7539.2	786	9.6	120428.0	-7505.0	876	9.2	131936.0	-7555.1	966	9.6	142026.0	-7506.0
697	9.5	105301.0	-7555.9	787	9.6	120521.5	-7558.9	877	9.1	131950.0	-7553.0	967	9.6	142029.0	-7525.2
698	9.7	105430.0	-7537.6	788	9.5	120533.0	-7552.0	878	9.6	132538.0	-7503.1	968	9.6	142031.0	-7504.8
699	9.6	105458.0	-7519.4	789	9.2	120555.0	-7527.2	879	8.1	132614.0	-7552.1	969	9.4	142123.0	-7554.4
700	9.6	105610.0	-7518.2	790	9.6	120619.0	-7532.1	880	9.3	132755.0	-7537.1	970	8.3	142128.0	-7550.0
701	9.8	105618.0	-7544.2	791	9.5	120650.0	-7506.0	881	9.4	132759.0	-7536.1	971	8.9	142154.0	-7504.2
702	9.9	105645.0	-7501.9	792	8.2	120703.0	-7519.4	882	6.3	132833.5	-7502.8	972	9.4	142154.0	-7545.2
703	9.9	105726.0	-7513.2	793	9.3	120743.0	-7515.1	883	9.6	132851.5	-7510.7	973	8.4	142157.0	-7507.4
704	9.7	105740.0	-7531.6	794	9.6	120842.0	-7500.4	884	9.6	132912.0	-7541.8	974	9.4	142158.0	-7545.5
705	9.6	105750.0	-7552.4	795	9.6	120857.0	-7541.2	885	9.4	132920.5	-7500.5	975	9.4	142311.0	-7557.1
706	9.4	105822.0	-7505.4	796	9.6	120937.0	-7505.9	886	9.6	132934.0	-7544.0	976	9.2	142321.5	-7559.2
707	8.2	105825.0	-7522.8	797	9.3	120949.0	-7555.4	887	9.6	133046.0	-7528.2	977	8.8	142335.5	-7538.7
708	9.8	105956.0	-7518.5	798	9.0	120954.0	-7524.5	888	9.6	133208.0	-7506.1	978	9.6	142403.5	-7531.1
709	9.7	110033.0	-7542.0	799	9.6	120957.0	-7525.4	889	9.6	133209.0	-7530.1	979	9.3	142410.5	-7511.8
710	9.8	110058.0	-7538.8	800	9.1	121116.0	-7528.9	890	9.6	133328.0	-7515.9	980	8.2	142446.2	-7500.1
711	7.8	110213.0	-7527.3	801	9.5	121222.0	-7535.1	891	9.6	133405.0	-7541.0	981	10.0	142508.0	-7510.2
712	9.7	110221.0	-7514.7	802	9.6	121239.0	-7542.7	892	9.4	133413.0	-7543.6	982	9.4	142513.8	-7547.1
713	9.7	110557.0	-7548.4	803	9.6	121313.0	-7500.5	893	9.6	133433.0	-7542.1	983	9.0	142535.3	-7541.5
714	8.6	110601.0	-7556.3	804	9.6	121341.0	-7538.9	894	9.2	133448.0	-7527.2	984	10.0	142540.0	-7541.3
715	8.8	110657.0	-7526.0	805	9.5	121425.0	-7542.9	895	9.6	133526.0	-7508.9	985	9.3	142546.0	-7505.6
716	9.8	110704.5	-7509.7	806	9.6	121456.0	-7545.4	896	9.4	133620.0	-7541.4	986	9.6	142604.5	-7545.7
717	9.3	110847.0	-7517.3	807	9.2	121459.0	-7550.4	897	9.6	133631.0	-7545.7	987	9.5	142618.0	-7548.2
718	9.3	110851.0	-7511.4	808	9.5	121504.0	-7517.9	898	9.2	133722.0	-7510.0	988	9.8	142623.0	-7521.2
719	9.4	110927.0	-7522.5	809	9.6	121534.0	-7545.6	899	9.6	133736.0	-7501.3	989	10.0	142641.0	-7530.4
720	7.7	110940.0	-7506.6	810	9.3	121538.0	-7510.0	900	9.3	133746.0	-7501.4	990	9.4	142735.0	-7520.4
721	9.9	111059.0	-7512.7	811	9.3	121740.0	-7503.5	901	9.6	133752.0	-7532.1	991	10.0	142741.5	-7500.8
722	8.7	111441.0	-7508.5	812	8.6	121807.0	-7520.9	902	9.3	133810.0	-7512.1	992	10.0	142753.0	-7510.6
723	9.3	111659.0	-7534.7	813	9.2	121935.0	-7503.9	903	9.6	133831.0	-7536.8	993	10.0	142805.0	-7554.4
724	8.4	111835.0	-7519.3	814	8.1	121954.5	-7558.5	904	9.4	133916.0	-7522.1	994	9.0	142908.8	-7545.5
725	9.7	111927.0	-7526.3	815	8.9	122026.0	-7532.4	905	9.4	134041.0	-7505.0	995	9.8	142911.5	-7549.6
726	9.4	112019.0	-7555.7	816	9.3	122112.0	-7510.8	906	9.6	134105.0	-7516.2	996	9.4	142926.8	-7522.3
727	9.4	112024.0	-7516.3	817	9.3	122224.0	-7505.0	907	9.1	134108.0	-7524.7	997	8.2	142940.8	-7517.0
728	9.1	112049.0	-7512.2	818	9.6	122239.0	-7514.6	908	9.4	134229.0	-7526.5	998	10.0	142947.0	-7555.9
729	8.8	112049.0	-7546.1	819	9.6	122308.0	-7543.9	909	9.4	134254.0	-7514.2	999	9.4	142955.8	-7526.7
730	9.2	112113.0	-7549.4	820	9.6	122318.0	-7534.9	910	8.8	134354.0	-7539.0	1000	8.8	143019.0	-7539.7
731	8.9	112121.5	-7502.5	821	9.6	122345.0	-7527.1	911	9.4	134355.0	-7504.8	1001	10.0	143039.5	-7518.0
732	8.4	112231.0	-7514.8	822	9.3	122419.5	-7534.1	912	9.3	134358.0	-7538.1	1002	9.5	143046.5	-7504.5
733	9.7	112259.0	-7529.2	823	9.6	122440.0	-7504.0	913	9.4	134436.0	-7521.6	1003	9.4	143055.7	-7501.6
734	9.7	112335.0	-7544.0	824	9.6	122445.0	-7558.3	914	9.0	134600.0	-7523.9	1004	9.0	143112.8	-7515.3
735	9.9	112431.0	-7530.5	825	9.3	122453.5	-7518.0	915	9.4	134647.0	-7531.2	1005	8.4	143127.8	-7524.0
736	9.9	112635.0	-7558.3	826	9.3	122736.5	-7548.8	916	9.0	134759.0	-7523.8	1006	10.0	143130.5	-7544.2
737	9.6	112637.5	-7532.5	827	8.3	123052.0	-7522.5	917	9.6	134913.0	-7553.8	1007	9.2	143145.5	-7518.8
738	9.0	112700.0	-7536.8	828	9.6	123137.0	-7504.1	918	9.6	134944.0	-7525.8	1008	9.5	143155.0	-7532.8
739	9.6	112737.5	-7541.1	829	9.6	123238.0	-7501.1	919	9.6	134954.0	-7542.6	1009	10.0	143222.5	-7541.5
740	9.5	112747.0	-7510.1	830	9.6	123310.0	-7521.4	920	9.4	135113.0	-7505.3	1010	10.0	143225.5	-7533.1
741	9.8	112821.0	-7557.2	831	9.6	123311.5	-7501.5	921	9.1	135139.0	-7505.2	1011	10.0	143300.5	-7531.4
742	9.4	113033.5	-7518.2	832	9.4	123415.5	-7536.0	922	9.4	135302.0	-7527.8	1012	9.2	143311.3	-7538.7
743	9.8	113034.0	-7522.4	833	9.4	123452.5	-7518.6	923	9.4	135339.0	-7538.6	1013	9.6	143311.5	-7526.4
744	6.7	113206.5	-7512.3	834	9.6	123540.0	-7530.0	924	9.6	135413.0	-7529.2	1014	9.8	143324.5	-7551.9
745	9.6	113420.0	-7550.0	835	9.3	123631.0	-7511.0	925	9.6	135415.0	-7527.8	1015	9.4	143341.0	-7518.5
746	9.6	113516.0	-7541.8	836	9.6	124030.0	-7504.1	926	8.8	135436.0	-7507.7	1016	9.5	143345.1	-7557.0
747	9.3	113657.0	-7535.0	837	9.6	124032.0	-7507.1	927	8.8	135459.0	-7528.1	1017	10.0	143350.0	-7504.7
748	9.6	113722.0	-7546.1	838	9.6	124408.0	-7517.1	928	7.9	135602.0	-7510.9	1018	8.1	143406.3	-7527.0
749	9.6	113750.0	-7509.7	839	9.4	124539.0	-7529.8	929	9.6	135633.0	-7543.0	1019	9.8	143408.0	-7533.8
750	9.6	113814.0	-7559.9	840	9.6	124557.0	-7509.9	930	9.6	135713.0	-7500.0	1020	8.8	143502.7	-7526.4
751	9.7	113858.0	-7542.7	841	9.4	125044.0	-7524.0	931	9.6	135847.0	-7518.6	1021	10.0	143504.0	-7505.6
752	9.6	113935.0	-7533.3	842	9.6	125125.0	-7512.0	932	9.6	135909.0	-7517.0	1022	9.0	143551.5	-7532.7
753	9.3	114044.0	-7558.3	843	9.0	125313.0	-7528.9	933	9.6	135919.0	-7522.7	1023	10.0	143558.0	-7528.1
754	8.6	114137.0	-7555.5	844	9.6	125431.0	-7552.8	934	9.6	135922.0	-7514.2	1024	10.0	143625.5	-7517.3
755	9.6	114140.0	-7504.4	845	9.3	125530.0	-7500.9	935	9.6	135929.0	-7534.5	1025	9.4	143643.5	-7534.9
756	9.6	114312.0	-7554.9	846	8.5	125534.5	-7558.6	936	9.6	135936.0	-7512.1	1026	8.9	143655.0	-7559.7
757	9.0	114345.0	-7527.8	847	9.6	125536.0	-7543.1	937	8.7	135959.0	-7510.0	1027	9.5	143704.4	-7501.5
758	9.6	114523.0	-7501.3	848	9.4	125708.0	-7519.8	938	9.2	140023.0	-7539.6	1028	9.5	143705.5	-7528.8
759	9.6	114542.0	-7516.4	849	9.3	125727.0	-7518.5	939	7.9	140206.0	-7552.1	1029	8.4	143749.2	-7500.3
760	9.1	114724.0	-7537.1	850	9.6	125742.0	-7506.8	940	9.4	140220.0	-7530.0	1030	9.9	143759.5	-7523.4
761	9.6	114729.0	-7509.7	851	9.6	125755.0	-7508.2	941	7.9	140225.0	-7510.2	1031	9.8	143841.0	-7551.1
762	9.6	114757.0	-7519.8	852	9.3	125832.0	-7530.7	942	9.6	140227.0	-7527.8	1032	8.8	143846.5	-7555.7
763	9.6	114817.0	-7506.9	853	9.6	130007.0	-7547.3	943	9.6	140251.0	-7501.2	1033	9.5	143928.0	-7543.9
764	9.3	114833.0	-7540.5	854	9.6	130235.0	-7539.5	944	9.6	140302.0	-7527.0	1034	10.0	143952.5	-7540.4
765	9.5	114926.0	-7546.5	855	9.6	130306.0	-7521.5	945	9.3	140324.0	-7523.3	1035	9.6	143957.9	-7501.8
766	9.6	114953.0	-7520.8	856	9.6	130724.0	-7543.6	946	9.6	140409.0	-7512.8	1036	9.5	144002.0	-7525.4
767	9.0	115107.0	-7553.0	857	9.3	130904.0	-7519.9	947	9.6	140420.0	-7511.2	1037	10.0	144009.5	-7512.6
768	9.5	115131.0	-7553.6	858	9.4	130920.0	-7523.1	948	9.6	140520.5	-7502.3	1038	10.0	144023.3	-7550.8
769	9.5	115133.0	-7554.8	859	8.0	131004.0	-7545.6	949	8.9	140521.0	-7530.2	1039	9.8	144034.8	-7513.3
770	9.0	115237.0	-7542.0	860	9.4	131025.0	-7517.0	950	9.6	140617.0	-7516.7	1040	9.5	144056.8	-7535.0
771	9.5	115251.0	-7557.8	861	9.6	131308.3	-7502.6	951	9.6	140902.5	-7559.1	1041	8.2	144109.3	-7505.0
772	9.5	115315.0	-7521.1	862	9.6	131318.8	-7501.7	952	9.6	140907.0	-7558.8	1042	9.4	144120.3	-7525.7
773	9.0	115431.0	-7558.0	863	8.0	131351.0	-7516.3	953	9.6	141216.0	-7504.4	1043	9.4	144127.8	-7534.7
774	9.6	115505.0	-7503.8	864	9.2	131422.0	-7530.9	954	8.9	141259.0	-7518.4	1044	9.5	144133.8	-7510.5
775	9.6	115531.5	-7557.1	865	9.3	131448.0	-7507.5	955	7.6	141558.5	-7557.0	1045	9.6	144135.8	-7538.2
776	9.5	115555.0	-7529.9	866	9.6	131519.0	-7548.4	956	9.6	141406.0	-7504.4	1046	10.0	144209.8	-7537.0
777	7.0	115821.0	-7549.5	867	9.6	131543.0	-7542.1	957	9.6	141413.0	-7543.5	1047	10.0	144241.8	-7515.4
778	9.6	115828.0	-7540.9	868	9.4	131544.0	-7540.7	958	8.7	141444.0	-7519.7	1048	9.5	144311.3	-7541.7
779	9.6	115849.0	-7516.4	869	9.6	131557.8	-7502.2	959	9.4	141552.5	-7559.6	1049	10.0	144320.8	-7552.0
780	8.8	120036.0	-7505.5	870	9.3	131801.0	-7505.0	960	9.3	141718.0	-7522.0	1050	9.4	144358.3	-7515.5
781	9.5	120105.0	-7514.0	871	9.7	131805.0	-7534.5	961	9.4	141727.0	-7506.0	1051	9.5	144359.7	-7559.8
782	9.3	120107.0	-7506.6	872	9.3	131828.8	-7501.1	962	9.6	141738.0	-7517.2	1052	9.8	144405.8	-7557.3
783	9.3	120120.0	-7513.4	873	8.8	131909.0	-7532.0	963	8.4	141800.0	-7556.3	1053	10.0	144424.8	-7519.2
784	8.8	120208.0	-7547.3	874	7.7	131931.0	-7555.4	964	9.3	141839.0	-7512.9	1054	9.4	144436.8	-7548.4
785	8.8	120231.5	-7556.5	875	9.4	131932.0	-7544.0	965	8.2	141848.0	-7542.9	1055	9.5	144458.3	-7539.9

-75 1056 14h45m

-75 1415 18h00m

1056	8.6	144505.8	-7502.2	1146	9.5	150909.9	-7518.8	1236	8.4	153014.5	-7530.7	1326	9.3	163059.0	-7527.2
1057	10.0	144523.8	-7516.6	1147	9.8	150929.4	-7528.4	1237	9.3	153121.8	-7516.1	1327	9.3	163336.0	-7535.0
1058	9.5	144524.8	-7542.4	1148	9.7	150952.9	-7525.6	1238	9.3	153134.6	-7500.0	1328	9.2	163348.0	-7542.6
1059	9.7	144554.4	-7529.7	1149	10.0	151008.4	-7542.6	1239	9.8	153138.0	-7515.3	1329	8.7	163438.5	-7523.9
1060	10.0	144600.4	-7528.0	1150	9.4	151035.4	-7509.3	1240	9.9	153145.0	-7520.6	1330	9.3	163548.0	-7521.8
1061	9.4	144600.4	-7516.9	1151	8.6	151119.9	-7529.7	1241	10.0	153209.5	-7530.9	1331	9.3	163551.0	-7511.4
1062	10.0	144611.9	-7522.7	1152	8.9	151149.3	-7501.2	1242	9.5	153210.5	-7512.7	1332	9.3	163915.0	-7532.3
1063	9.5	144613.4	-7547.9	1153	9.8	151152.9	-7538.7	1243	9.9	153214.2	-7546.5	1333	9.4	164035.0	-7551.1
1064	9.6	144620.4	-7500.9	1154	9.0	151210.4	-7516.1	1244	10.0	153301.6	-7552.9	1334	9.4	164113.0	-7514.1
1065	9.5	144631.4	-7538.5	1155	9.4	151218.4	-7542.8	1245	9.0	153311.1	-7552.5	1335	8.5	164229.0	-7536.0
1066	9.8	144648.4	-7551.1	1156	9.8	151229.9	-7522.3	1246	9.6	153330.1	-7555.7	1336	8.9	164241.0	-7531.4
1067	10.0	144743.4	-7537.3	1157	10.0	151302.4	-7550.0	1247	9.8	153409.1	-7517.6	1337	8.8	164309.5	-7559.7
1068	9.3	144752.9	-7505.3	1158	10.0	151314.4	-7528.9	1248	9.4	153412.6	-7544.9	1338	9.2	164448.0	-7547.5
1069	10.0	144805.4	-7519.5	1159	10.0	151354.4	-7540.5	1249	9.5	153424.1	-7539.3	1339	9.3	164450.0	-7518.9
1070	9.2	144808.9	-7557.7	1160	9.4	151409.3	-7500.0	1250	9.5	153425.6	-7508.9	1340	9.4	164549.0	-7514.0
1071	9.6	144817.9	-7515.4	1161	9.4	151419.9	-7527.8	1251	9.9	153426.6	-7553.9	1341	9.0	164626.0	-7549.3
1072	10.0	144827.4	-7529.5	1162	10.0	151434.9	-7502.9	1252	10.0	153442.6	-7535.8	1342	9.3	164648.0	-7502.7
1073	8.7	144828.4	-7504.6	1163	8.9	151441.9	-7530.8	1253	10.0	153503.1	-7557.2	1343	9.3	164731.0	-7544.9
1074	10.0	144851.4	-7516.1	1164	10.0	151443.9	-7546.9	1254	10.0	153509.1	-7505.8	1344	9.5	165208.0	-7548.9
1075	10.0	144855.9	-7548.7	1165	9.5	151449.9	-7544.0	1255	10.0	153524.1	-7517.1	1345	9.4	165243.0	-7524.9
1076	10.0	144906.9	-7510.9	1166	10.0	151510.2	-7504.5	1256	10.0	153555.6	-7540.5	1346	9.4	165245.0	-7544.9
1077	9.3	144920.5	-7522.7	1167	7.8	151528.2	-7553.5	1257	9.6	153555.6	-7505.6	1347	8.9	165256.0	-7537.8
1078	10.0	144935.5	-7531.2	1168	10.0	151537.2	-7553.1	1258	9.8	153606.1	-7547.5	1348	8.1	165337.0	-7512.1
1079	8.5	144936.0	-7530.1	1169	9.4	151539.2	-7548.7	1259	9.9	153635.1	-7503.8	1349	8.9	165405.0	-7524.9
1080	9.4	144946.0	-7502.3	1170	8.8	151540.2	-7514.7	1260	10.0	153709.6	-7520.6	1350	9.3	165432.0	-7500.9
1081	9.5	145001.0	-7515.6	1171	9.8	151545.2	-7515.4	1261	9.0	153714.5	-7545.8	1351	9.2	165505.0	-7556.1
1082	8.4	145016.0	-7522.0	1172	9.9	151546.7	-7544.1	1262	9.2	153847.5	-7501.4	1352	9.4	165524.0	-7523.9
1083	8.4	145018.5	-7500.8	1173	9.6	151555.7	-7518.8	1263	9.2	153850.0	-7552.3	1353	9.2	165537.0	-7530.8
1084	8.8	145028.0	-7518.4	1174	8.4	151556.2	-7508.4	1264	8.3	153944.0	-7506.4	1354	9.3	165631.0	-7503.9
1085	10.0	145040.5	-7559.0	1175	9.9	151616.7	-7505.1	1265	9.3	154207.0	-7538.4	1355	9.1	165641.0	-7515.4
1086	8.9	145046.0	-7517.2	1176	9.2	151622.2	-7557.5	1266	9.2	154313.0	-7517.2	1356	9.2	165654.0	-7514.8
1087	9.6	145104.5	-7527.4	1177	9.3	151630.7	-7552.9	1267	9.4	154333.5	-7556.5	1357	9.2	165736.0	-7506.9
1088	9.8	145126.5	-7537.8	1178	9.9	151631.7	-7555.0	1268	9.3	154335.0	-7514.8	1358	9.2	165738.0	-7521.8
1089	9.6	145130.5	-7501.4	1179	9.5	151635.7	-7540.5	1269	9.2	154514.0	-7515.8	1359	9.4	165817.0	-7536.3
1090	8.5	145130.5	-7508.6	1180	10.0	151638.2	-7506.9	1270	7.9	154542.0	-7515.1	1360	9.3	165827.0	-7556.1
1091	10.0	145136.5	-7501.0	1181	9.8	151642.7	-7516.0	1271	8.8	154711.0	-7557.7	1361	8.9	165845.0	-7519.2
1092	9.5	145139.5	-7520.1	1182	10.0	151648.2	-7556.0	1272	9.1	154922.0	-7524.4	1362	9.1	165857.0	-7554.8
1093	9.4	145140.0	-7542.0	1183	8.9	151650.7	-7516.8	1273	9.3	154936.0	-7528.7	1363	9.0	165918.0	-7532.8
1094	9.5	145151.0	-7528.9	1184	9.6	151708.2	-7555.9	1274	9.2	155015.0	-7527.0	1364	9.2	165945.5	-7559.0
1095	10.0	145243.0	-7533.4	1185	10.0	151734.7	-7517.8	1275	9.3	155040.0	-7508.9	1365	9.3	170122.5	-7558.9
1096	10.0	145312.0	-7509.5	1186	9.6	151755.2	-7544.2	1276	9.0	155047.0	-7530.4	1366	9.2	170309.0	-7507.4
1097	10.0	145323.5	-7527.7	1187	10.0	151804.2	-7512.1	1277	8.6	155106.0	-7554.5	1367	9.3	170413.0	-7511.0
1098	9.9	145331.0	-7541.0	1188	9.6	151805.2	-7512.3	1278	9.1	155143.0	-7546.9	1368	8.0	170555.0	-7512.0
1099	10.0	145350.0	-7512.6	1189	9.7	151817.2	-7548.8	1279	9.2	155152.0	-7551.5	1369	9.3	170733.0	-7547.0
1100	10.0	145411.0	-7517.5	1190	9.6	151823.7	-7506.5	1280	9.4	155355.0	-7512.6	1370	9.2	170752.0	-7550.6
1101	8.6	145448.0	-7544.7	1191	9.9	151831.2	-7522.9	1281	9.2	155406.0	-7525.8	1371	8.7	170753.0	-7552.1
1102	8.8	145500.5	-7543.4	1192	8.9	151912.2	-7532.0	1282	9.0	155621.0	-7539.6	1372	9.4	170803.0	-7545.2
1103	9.7	145532.0	-7540.3	1193	8.2	151913.7	-7547.8	1283	9.2	155715.0	-7512.7	1373	9.0	170803.0	-7531.0
1104	9.5	145617.0	-7543.5	1194	8.7	151920.7	-7503.9	1284	9.2	155721.0	-7556.3	1374	9.3	170959.0	-7549.4
1105	9.8	145620.5	-7514.2	1195	9.4	151943.7	-7534.3	1285	9.3	155740.0	-7518.7	1375	9.4	171013.0	-7526.9
1106	9.5	145628.5	-7519.0	1196	9.4	151944.2	-7526.1	1286	9.2	155818.0	-7528.6	1376	9.0	171050.0	-7505.7
1107	9.5	145639.5	-7512.7	1197	8.4	152002.7	-7514.2	1287	9.3	155824.0	-7528.8	1377	9.3	171200.0	-7543.5
1108	9.8	145641.0	-7513.1	1198	8.4	152011.7	-7511.8	1288	8.6	160018.0	-7543.8	1378	9.0	171458.0	-7514.9
1109	9.2	145646.5	-7543.5	1199	10.0	152032.2	-7510.7	1289	9.2	160054.0	-7534.8	1379	9.4	171522.5	-7557.1
1110	9.8	145647.0	-7529.1	1200	10.0	152032.7	-7548.9	1290	9.3	160103.0	-7506.5	1380	9.4	171600.0	-7534.2
1111	9.5	145649.0	-7547.8	1201	9.8	152100.7	-7521.3	1291	9.2	160226.0	-7506.5	1381	9.3	171608.0	-7536.9
1112	9.3	145752.0	-7531.3	1202	8.5	152115.2	-7553.8	1292	9.3	160319.0	-7511.9	1382	9.4	171647.0	-7523.8
1113	9.8	145754.5	-7540.3	1203	9.6	152127.2	-7512.3	1293	9.2	160551.0	-7510.9	1383	8.8	171912.0	-7545.6
1114	9.5	145813.5	-7536.3	1204	9.8	152128.7	-7506.8	1294	8.8	160625.0	-7522.0	1384	9.4	171933.0	-7524.3
1115	8.2	145833.9	-7548.5	1205	9.5	152133.2	-7549.5	1295	9.1	160627.0	-7535.8	1385	9.1	171937.0	-7520.1
1116	10.0	145857.4	-7504.6	1206	8.8	152134.7	-7543.4	1296	8.8	160637.0	-7539.9	1386	9.0	171943.0	-7514.9
1117	9.4	145908.4	-7528.2	1207	8.6	152138.7	-7521.8	1297	8.8	160716.0	-7512.3	1387	9.3	172033.0	-7507.9
1118	9.5	145920.9	-7536.6	1208	9.3	152145.7	-7552.9	1298	9.3	160827.0	-7512.1	1388	9.3	172059.0	-7531.5
1119	9.6	145940.4	-7536.2	1209	9.7	152146.7	-7557.2	1299	9.1	160927.0	-7511.7	1389	8.9	172222.5	-7530.3
1120	9.3	145956.4	-7507.9	1210	10.0	152307.7	-7544.7	1300	9.0	160940.0	-7539.9	1390	9.3	172439.0	-7505.7
1121	10.0	150003.4	-7513.9	1211	9.8	152320.2	-7541.7	1301	9.3	161021.0	-7512.1	1391	8.5	172648.5	-7536.4
1122	8.4	150033.4	-7504.5	1212	9.5	152347.7	-7535.0	1302	8.8	161028.0	-7542.1	1392	9.3	172811.0	-7505.2
1123	10.0	150118.2	-7500.7	1213	8.7	152350.2	-7514.0	1303	8.8	161050.0	-7536.7	1393	9.5	172849.0	-7504.8
1124	9.6	150159.9	-7528.9	1214	8.8	152353.2	-7550.6	1304	9.3	161104.0	-7551.3	1394	9.5	172943.0	-7551.3
1125	9.4	150204.4	-7511.0	1215	8.9	152355.7	-7508.8	1305	9.0	161214.0	-7501.0	1395	9.4	173016.5	-7553.8
1126	9.5	150221.9	-7507.2	1216	9.8	152403.2	-7504.2	1306	9.1	161259.0	-7539.2	1396	9.3	173131.0	-7503.0
1127	9.8	150259.0	-7501.4	1217	9.5	152407.2	-7542.2	1307	9.2	161320.0	-7531.5	1397	9.4	173151.0	-7501.0
1128	10.0	150418.7	-7532.6	1218	10.0	152448.2	-7500.6	1308	9.1	161439.0	-7551.0	1398	8.5	173711.0	-7511.3
1129	10.0	150436.4	-7545.4	1219	9.6	152617.2	-7556.5	1309	9.1	161442.5	-7558.8	1399	9.3	173844.0	-7531.1
1130	9.4	150440.9	-7555.7	1220	10.0	152626.7	-7522.3	1310	9.3	161605.0	-7523.2	1400	9.0	174051.0	-7512.1
1131	8.7	150448.4	-7504.7	1221	10.0	152626.7	-7520.9	1311	9.2	161632.0	-7526.1	1401	9.1	174145.0	-7546.1
1132	9.5	150448.9	-7532.1	1222	6.0	152636.4	-7540.0	1312	7.8	161638.0	-7540.1	1402	9.5	174538.5	-7550.7
1133	8.9	150505.9	-7508.8	1223	10.0	152653.2	-7550.5	1313	9.1	161722.0	-7550.7	1403	8.2	174554.0	-7540.3
1134	8.9	150539.9	-7549.9	1224	9.7	152746.7	-7509.9	1314	9.3	161856.0	-7543.6	1404	9.4	174620.0	-7505.2
1135	8.0	150600.4	-7506.0	1225	8.7	152823.5	-7517.9	1315	9.2	161936.0	-7513.9	1405	8.5	174649.0	-7506.7
1136	9.8	150606.4	-7556.8	1226	9.4	152824.5	-7551.5	1316	9.1	161953.0	-7543.4	1406	9.4	175043.5	-7516.7
1137	8.9	150614.4	-7516.8	1227	10.0	152829.2	-7543.7	1317	9.2	162015.0	-7519.7	1407	9.4	175057.5	-7518.2
1138	9.8	150644.1	-7502.4	1228	9.6	152837.0	-7553.4	1318	9.0	162133.0	-7526.8	1408	8.8	175142.5	-7506.3
1139	9.6	150654.4	-7554.8	1229	8.9	152857.0	-7517.9	1319	9.2	162138.0	-7524.3	1409	7.3	175338.5	-7511.6
1140	8.6	150750.4	-7507.0	1230	8.9	152900.5	-7523.8	1320	8.0	162254.0	-7513.4	1410	7.8	175347.5	-7553.4
1141	9.7	150751.4	-7555.8	1231	8.9	152905.8	-7557.1	1321	9.0	162317.0	-7525.5	1411	9.2	175532.5	-7555.4
1142	9.4	150758.9	-7537.4	1232	10.0	152913.5	-7556.6	1322	9.3	162528.0	-7542.6	1412	9.4	175616.5	-7506.2
1143	9.3	150817.9	-7521.9	1233	10.0	152924.0	-7509.9	1323	9.3	162638.5	-7530.6	1413	7.3	175630.5	-7533.8
1144	9.5	150824.9	-7521.8	1234	9.3	152933.0	-7535.0	1324	8.8	162853.0	-7513.8	1414	9.4	175924.5	-7549.1
1145	9.2	150835.9	-7546.8	1235	10.0	152956.2	-7526.9	1325	9.3	162920.0	-7553.9	1415	9.3	180028.5	-7501.0

1416	9.4	180529.5	-7503.0	1506	9.0	191505.4	-7554.5	1596	8.5	200453.0	-7557.8
1417	6.4	180644.5	-7505.4	1507	9.6	191528.4	-7532.1	1597	9.5	200530.3	-7524.9
1418	9.4	180847.5	-7533.0	1508	8.6	191553.9	-7513.8	1598	9.0	200551.3	-7533.9
1419	9.5	180948.5	-7525.9	1509	9.6	191611.4	-7506.3	1599	9.8	200600.8	-7521.8
1420	9.4	181200.5	-7504.7	1510	9.6	191613.4	-7537.5	1600	8.3	200734.3	-7556.0
1421	9.2	181345.5	-7528.0	1511	9.6	191649.4	-7527.8	1601	9.8	200741.3	-7529.9
1422	9.2	181359.5	-7529.0	1512	10.2	191702.4	-7532.4	1602	9.3	200746.3	-7538.5
1423	9.1	181754.0	-7544.0	1513	9.6	191708.9	-7539.7	1603	9.8	200807.3	-7507.2
1424	9.4	181820.0	-7556.0	1514	8.6	191709.4	-7527.6	1604	9.0	200809.3	-7531.5
1425	9.4	181921.0	-7546.5	1515	8.6	191726.9	-7530.2	1605	9.8	200841.8	-7520.3
1426	9.4	182049.0	-7554.1	1516	10.2	191727.4	-7532.6	1606	9.2	200906.3	-7548.1
1427	10.2	182825.2	-7532.2	1517	10.0	191812.9	-7528.1	1607	9.8	200912.8	-7530.4
1428	9.9	182909.7	-7509.9	1518	9.7	191817.5	-7531.9	1608	9.7	200927.3	-7521.9
1429	10.2	182939.2	-7524.7	1519	10.2	191823.0	-7537.6	1609	9.3	201042.8	-7541.8
1430	9.6	182959.2	-7555.5	1520	9.7	191847.0	-7525.6	1610	8.8	201128.8	-7549.5
1431	9.7	183050.2	-7536.7	1521	10.2	191851.0	-7531.3	1611	9.3	201130.3	-7547.8
1432	10.2	183159.2	-7516.7	1522	10.2	191909.5	-7521.9	1612	9.5	201209.3	-7522.9
1433	9.6	183410.7	-7535.5	1523	10.0	191917.1	-7502.0	1613	9.2	201236.8	-7500.9
1434	9.9	183656.2	-7555.2	1524	9.4	191923.0	-7512.8	1614	9.6	201256.8	-7529.6
1435	8.6	183659.0	-7557.3	1525	8.8	192033.0	-7505.2	1615	9.8	201300.8	-7513.5
1436	7.8	183706.2	-7505.7	1526	9.7	192130.3	-7559.5	1616	9.4	201406.3	-7533.6
1437	10.0	183719.2	-7502.8	1527	9.1	192130.9	-7540.2	1617	9.7	201424.3	-7542.5
1438	9.1	183809.2	-7558.6	1528	9.7	192148.0	-7550.9	1618	9.8	201532.0	-7500.0
1439	9.6	183819.2	-7544.6	1529	9.9	192254.0	-7547.4	1619	9.8	201535.3	-7502.6
1440	9.2	183907.9	-7553.9	1530	10.2	192300.5	-7535.2	1620	9.4	201605.8	-7532.1
1441	8.6	183910.3	-7559.7	1531	9.7	192321.5	-7534.7	1621	8.2	201606.3	-7540.0
1442	9.7	183931.9	-7510.1	1532	9.1	192333.0	-7530.7	1622	9.8	201647.3	-7557.2
1443	9.7	183937.9	-7515.7	1533	9.1	192453.5	-7554.4	1623	9.6	201714.2	-7502.5
1444	9.6	184006.4	-7512.3	1534	8.9	192453.5	-7553.1	1624	9.2	201754.7	-7503.3
1445	9.8	184050.9	-7545.1	1535	9.9	192518.0	-7536.9	1625	9.2	201804.7	-7507.3
1446	9.6	184121.4	-7529.9	1536	10.0	192612.8	-7528.0	1626	9.6	201826.7	-7514.5
1447	10.0	184216.4	-7541.2	1537	8.0	192643.5	-7540.8	1627	9.7	201827.7	-7545.6
1448	8.4	184233.4	-7532.5	1538	10.0	192647.0	-7534.9	1628	8.8	201829.7	-7528.5
1449	10.2	184321.9	-7548.0	1539	9.8	192705.5	-7534.4	1629	9.3	201853.7	-7520.3
1450	10.2	184438.6	-7543.4	1540	8.3	192732.3	-7503.0	1630	9.3	201904.7	-7541.9
1451	10.0	184544.4	-7530.5	1541	9.3	192741.5	-7514.9	1631	8.6	201914.2	-7512.4
1452	9.4	184622.9	-7516.3	1542	9.8	192840.5	-7500.5	1632	8.7	201920.7	-7511.1
1453	9.8	184648.4	-7544.9	1543	9.2	193035.5	-7535.3	1633	9.8	201920.7	-7535.6
1454	9.7	184651.9	-7532.0	1544	9.4	193103.2	-7502.1	1634	9.2	201925.7	-7538.6
1455	9.9	184759.4	-7519.8	1545	8.7	193111.8	-7512.2	1635	9.5	201944.7	-7515.2
1456	10.0	184856.4	-7500.4	1546	9.8	193218.3	-7529.7	1636	9.2	202009.7	-7535.0
1457	9.0	184944.9	-7531.8	1547	9.6	193345.2	-7517.4	1637	9.3	202053.7	-7550.9
1458	10.0	185208.8	-7505.5	1548	9.2	193430.0	-7528.5	1638	9.8	202118.2	-7557.6
1459	10.0	185212.8	-7532.7	1549	8.3	193431.7	-7523.1	1639	9.6	202143.2	-7549.0
1460	10.2	185307.3	-7511.2	1550	9.4	193656.0	-7541.4	1640	9.3	202325.2	-7507.8
1461	9.0	185345.3	-7551.8	1551	9.7	193753.8	-7511.0	1641	9.2	202359.4	-7557.7
1462	9.0	185407.3	-7548.1	1552	9.6	193834.3	-7521.7	1642	9.2	202423.2	-7510.3
1463	9.4	185439.8	-7518.9	1553	9.7	194007.3	-7516.4	1643	9.2	202439.0	-7535.6
1464	9.8	185440.3	-7558.5	1554	9.2	194018.3	-7503.5	1644	7.0	202647.9	-7546.7
1465	10.2	185442.3	-7535.9	1555	9.3	194052.3	-7548.4	1645	9.7	202721.5	-7543.2
1466	10.2	185513.3	-7525.3	1556	9.7	194123.6	-7556.7	1646	8.3	202730.2	-7529.5
1467	10.2	185527.3	-7546.5	1557	9.3	194130.8	-7554.7	1647	9.5	203014.4	-7546.8
1468	9.7	185621.3	-7536.1	1558	9.8	194329.2	-7501.5	1648	9.8	203103.0	-7504.0
1469	9.5	185622.8	-7513.3	1559	9.7	194429.3	-7507.9	1649	9.4	203108.0	-7527.5
1470	10.2	185631.3	-7552.1	1560	9.5	194545.8	-7526.0	1650	9.8	203141.7	-7509.6
1471	9.7	185634.8	-7542.6	1561	8.5	194610.3	-7505.7	1651	9.6	203300.5	-7551.0
1472	8.8	185822.8	-7525.3	1562	9.2	194612.3	-7526.3	1652	8.8	203315.7	-7544.0
1473	9.5	185848.3	-7501.9	1563	9.8	194633.8	-7542.0	1653	9.8	203333.0	-7530.1
1474	10.2	185901.3	-7554.7	1564	8.0	194659.3	-7541.1	1654	10.3	203348.9	-7507.0
1475	10.2	185931.8	-7504.9	1565	9.4	194747.3	-7501.2	1655	10.3	203436.4	-7543.2
1476	10.0	190000.8	-7504.6	1566	8.7	194820.3	-7546.7	1656	10.3	203527.4	-7538.3
1477	9.4	190018.8	-7546.3	1567	9.5	194842.8	-7536.8	1657	8.1	203550.6	-7529.5
1478	9.5	190027.8	-7549.9	1568	9.4	195003.8	-7553.3	1658	10.3	203606.6	-7535.9
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1480	9.7	190116.8	-7541.4	1570	9.3	195131.3	-7510.1	1660	10.3	203740.3	-7546.2
1481	9.5	190147.8	-7522.9	1571	9.5	195245.3	-7552.3	1661	8.8	203743.1	-7546.4
1482	10.2	190340.9	-7531.6	1572	8.0	195310.3	-7506.4	1662	9.9	203949.7	-7554.3
1483	9.2	190401.4	-7510.1	1573	9.2	195324.8	-7543.0	1663	9.7	204011.2	-7529.7
1484	9.7	190414.4	-7551.2	1574	9.8	195405.0	-7528.1	1664	10.3	204019.2	-7524.2
1485	9.6	190416.9	-7536.8	1575	9.2	195541.3	-7508.5	1665	10.2	204103.2	-7533.7
1486	10.0	190441.4	-7524.0	1576	9.4	195732.8	-7541.6	1666	10.3	204223.2	-7503.6
1487	9.9	190542.9	-7536.4	1577	9.7	195738.8	-7549.9	1667	9.6	204227.0	-7512.7
1488	10.2	190601.4	-7522.6	1578	9.5	195800.8	-7535.2	1668	9.2	204306.5	-7541.4
1489	10.2	190625.4	-7540.0	1579	9.0	195802.3	-7510.6	1669	9.8	204308.0	-7526.7
1490	9.6	190629.4	-7523.5	1580	9.8	195909.3	-7500.2	1670	10.3	204452.5	-7557.3
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1492	10.2	190734.9	-7503.3	1582	9.8	195931.3	-7503.4	1672	10.3	204549.0	-7521.6
1493	9.6	190734.9	-7523.9	1583	9.7	195956.3	-7518.2	1673	8.0	204705.5	-7554.4
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1495	9.2	190923.9	-7513.5	1585	9.2	200045.3	-7547.2	1675	10.3	204907.0	-7550.8
1496	9.1	191041.4	-7553.8	1586	8.7	200132.8	-7540.1	1676	10.2	205045.5	-7557.1
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1498	10.0	191150.9	-7537.7	1588	9.8	200150.3	-7525.1	1678	10.2	205111.5	-7548.0
1499	10.0	191204.4	-7555.2	1589	8.6	200229.8	-7522.2	1679	10.3	205136.0	-7536.2
1500	8.0	191205.9	-7524.7	1590	8.8	200244.8	-7558.1	1680	10.2	205152.0	-7509.1
1501	10.0	191208.9	-7526.2	1591	9.6	200311.8	-7553.8	1681	9.2	205311.0	-7540.8
1502	9.0	191213.9	-7525.8	1592	9.4	200338.3	-7555.9	1682	9.6	205422.5	-7549.9
1503	9.8	191242.9	-7534.3	1593	9.8	200354.8	-7522.3	1683	8.6	205608.0	-7552.4
1504	9.4	191410.4	-7519.1	1594	9.4	200416.8	-7507.4	1684	10.2	205710.5	-7529.7
1505	9.4	191435.9	-7520.6	1595	9.8	200422.8	-7509.8	1685	9.7	205811.0	-7508.8
1686	10.3	205904.6	-7529.8								
1687	10.3	205913.1	-7540.0								
1688	9.8	205939.6	-7534.0								
1689	10.3	205957.6	-7515.9								
1690	10.3	210026.1	-7500.5								
1691	9.4	210131.1	-7523.8								
1692	9.6	210150.1	-7548.9								
1693	10.3	210301.6	-7520.0								
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1695	8.8	210349.1	-7532.8								
1696	9.6	210420.1	-7533.0								
1697	7.0	210434.1	-7551.6								
1698	10.3	210454.1	-7502.5								
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1700	10.3	210741.5	-7501.7								
1701	9.9	210742.1	-7530.2								
1702	10.3	210742.6	-7534.2								
1703	9.7	211210.1	-7517.9								
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1706	9.5	211534.1	-7506.6								
1707	8.8	211534.1	-7533.2								
1708	10.3	211618.6	-7500.0								
1709	10.0	211715.1	-7505.4								
1710	8.3	211735.1	-7544.7								
1711	9.8	211812.6	-7543.7								
1712	10.2	211815.6	-7517.7								
1713	9.9	211817.7	-7500.1								
1714	8.8	211838.6	-7548.1								
1715	9.7	211915.2	-7501.3								
1716	8.3	212023.7	-7557.5								
1717	10.3	212233.1	-7538.4								
1718	10.3	212357.1	-7548.9								
1719	8.8	212505.8	-7532.9								
1720	9.0	212516.0	-7513.8								
1721	8.2	212641.0	-7502.4								
1722	9.7	212720.5	-7537.8								
1723	10.3	212805.0	-7513.1								
1724	9.9	212811.5	-7502.1								
1725	10.3	212855.5	-7540.8								
1726	10.3	212901.5	-7518.5								
1727	9.7	212925.7	-7530.1								
1728	10.0	213024.0	-7545.5								
1729	9.7	213223.9	-7532.0								
1730	10.3	213334.4	-7538.9								
1731	10.3	213433.4	-7531.4								
1732	8.7	213815.2	-7552.6								
1733	8.7	213834.4	-7521.0								
1734	9.6	213932.5	-7552.4								
1735	9.6	214040.0	-7529.0								
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1737	9.4	214102.0	-7513.7								
1738	9.4	214603.0	-7530.7								
1739	9.6	214635.0	-7545.0								
1740	8.7	214707.5	-7502.5								
1741	8.0	215025.0	-7505.8								
1742	8.4	215126.5	-7502.8								
1743	9.6	215448.0	-7526.5								
1744	8.0	220326.0	-7536.7								
1745	9.2	220611.0	-7534.1								
1746	8.5	221007.0	-7535.5								
1747	8.8	221455.0	-7520.9								
1748	6.6	221455.0	-7538.8								
1749	9.6	222121.0	-7525.1								
1750	9.6	222222.5	-7512.2								
1751	9.4	222302.5	-7526.0								
1752	9.3	222306.5	-7518.3								
1753	9.5	222440.5	-7507.0								
1754	9.4	222514.5	-7541.4								
1755	9.4	222715.0	-7551.0								
1756	9.5	223022.5	-7544.3								
1757	9.6	223301.0	-7556.7								
1758	9.4	223304.5	-7515.5								
1759	7.8	223419.5	-7528.3								
1760	8.5	223552.0	-7525.8								
1761	9.4	224001.0	-7530.1								
1762	9.3	224156.0	-7554.6								
1763	9.4	224346.0	-7518.2								
1764	7.5	224452.0	-7531.8								
1765	9.6	224536.5	-7507.6								
1766	8.3	224624.0	-7539.6								
1767	9.5	225030.0	-7547.0								
1768	8.5	225240.0	-7523.0								
1769	9.5	225425.0	-7513.8								
1770	8.1	225659.0	-7526.3								
1771	8.5	225820.0	-7541.4								
1772	9.1	230116.0	-7517.1								
1773	9.5	230324.0	-7549.6								
1774	9.5	230342.0	-7535.1								
1775	9.5	230433.5	-7500.3								

1776	8.6	230646.0	-7512.2	36	8.4	01852.5	-7622.2	126	8.0	13936.1	-7617.6
1777	7.9	231001.0	-7512.0	37	10.6	01936.0	-7647.1	127	10.9	13946.6	-7649.9
1778	9.6	231415.0	-7529.7	38	9.2	02147.0	-7628.5	128	10.0	13955.6	-7610.9
1779	9.5	231416.0	-7504.0	39	10.4	02152.0	-7633.4	129	10.4	14016.6	-7654.4
1780	9.5	231624.0	-7505.1	40	8.4	02222.5	-7618.3	130	10.8	14204.1	-7612.1
1781	9.5	231632.0	-7511.1	41	10.0	02227.0	-7614.0	131	9.2	14228.6	-7645.5
1782	9.5	232201.4	-7547.4	42	9.8	02240.0	-7606.0	132	9.8	14247.1	-7624.7
1783	10.4	232320.2	-7509.3	43	9.2	02250.5	-7616.0	133	10.9	14326.1	-7628.8
1784	8.2	232535.4	-7532.7	44	10.8	02310.5	-7620.7	134	10.2	14326.1	-7650.9
1785	10.6	232537.2	-7534.6	45	10.8	02323.0	-7646.0	135	10.9	14338.6	-7643.2
1786	9.2	232642.3	-7515.0	46	10.0	02336.0	-7650.1	136	10.7	14414.1	-7619.2
1787	11.1	232854.4	-7532.8	47	11.0	02339.0	-7630.1	137	9.5	14423.1	-7604.8
1788	11.1	232913.9	-7509.4	48	11.1	02359.5	-7605.6	138	8.9	14425.6	-7630.7
1789	9.8	232925.4	-7512.3	49	10.2	02409.5	-7605.1	139	10.9	14610.6	-7602.0
1790	9.8	232925.9	-7550.3	50	9.0	02417.3	-7659.8	140	10.2	14728.6	-7608.9
1791	10.6	232947.1	-7500.5	51	9.8	02419.5	-7629.9	141	10.4	14808.6	-7636.9
1792	10.2	233110.9	-7553.4	52	10.2	02438.4	-7628.1	142	10.2	14839.1	-7616.3
1793	10.2	233222.9	-7556.3	53	11.0	02450.9	-7639.5	143	8.8	14853.1	-7642.6
1794	10.2	233316.9	-7556.3	54	11.1	02454.9	-7640.8	144	9.4	14901.6	-7656.8
1795	10.6	233331.9	-7517.4	55	10.2	02531.6	-7602.3	145	10.9	14920.1	-7656.3
1796	9.2	233429.4	-7535.3	56	10.4	02711.4	-7654.8	146	9.6	14936.6	-7627.9
1797	9.6	233514.4	-7524.8	57	9.2	02744.4	-7611.5	147	8.3	15039.1	-7636.5
1798	11.1	233518.9	-7501.2	58	9.2	02757.0	-7634.5	148	9.8	15057.6	-7608.0
1799	9.8	233638.4	-7536.8	59	9.0	02853.5	-7623.7	149	10.2	15225.6	-7646.5
1800	9.2	233652.9	-7551.1	60	8.8	02912.7	-7606.7	150	10.4	15330.1	-7659.5
1801	11.1	233705.4	-7503.9	61	8.6	02941.0	-7616.7	151	10.9	15339.1	-7611.0
1802	8.9	233759.4	-7519.8	62	10.2	03019.0	-7615.8	152	9.8	15526.6	-7641.7
1803	11.1	233817.1	-7500.7	63	10.2	03041.0	-7617.6	153	10.0	15642.6	-7645.6
1804	9.8	233844.9	-7528.6	64	11.0	03100.5	-7654.7	154	10.2	15747.1	-7656.8
1805	11.1	233852.9	-7504.6	65	9.2	03100.8	-7623.2	155	10.0	15859.6	-7605.5
1806	10.8	233916.4	-7527.6	66	10.4	03204.5	-7643.8	156	9.4	15923.1	-7621.7
1807	10.8	234005.4	-7516.0	67	8.9	03209.3	-7659.9	157	9.8	15926.1	-7610.0
1808	10.6	234036.4	-7537.8	68	7.8	03240.2	-7617.6	158	10.2	20008.6	-7624.1
1809	11.1	234155.9	-7525.2	69	9.2	03247.5	-7658.8	159	9.0	20142.8	-7631.0
1810	11.1	234257.4	-7514.6	70	10.0	03402.0	-7610.4	160	10.2	20208.8	-7611.1
1811	9.2	234259.4	-7513.6	71	10.2	03617.0	-7626.9	161	9.2	20236.8	-7630.0
1812	11.1	234301.4	-7519.5	72	8.4	03650.1	-7629.8	162	9.5	20256.8	-7647.7
1813	9.8	234332.9	-7513.8	73	9.8	03725.6	-7628.4	163	10.0	20304.3	-7625.0
1814	10.0	234358.9	-7515.2	74	11.1	03750.8	-7604.3	164	10.7	20335.3	-7645.3
1815	10.6	234418.9	-7544.9	75	10.6	04046.3	-7639.2	165	9.5	20448.3	-7607.8
1816	9.4	234519.4	-7536.1	76	11.0	04053.8	-7657.7	166	10.9	20603.3	-7606.0
1817	9.8	234549.6	-7501.0	77	8.6	04115.4	-7636.1	167	10.0	20643.3	-7645.6
1818	9.2	234730.9	-7519.3	78	10.6	04147.8	-7645.3	168	10.9	20704.1	-7645.1
1819	10.4	234800.0	-7557.5	79	8.7	04238.4	-7643.9	169	10.0	20856.6	-7628.7
1820	10.4	234841.4	-7528.2	80	8.5	05245.0	-7605.2	170	7.8	21037.6	-7632.8
1821	10.0	234913.4	-7514.6	81	8.5	05559.0	-7629.2	171	10.2	21052.6	-7616.7
1822	10.0	235001.3	-7502.6	82	8.1	05605.0	-7629.2	172	10.8	21105.7	-7600.3
1823	11.0	235109.9	-7549.1	83	9.5	05627.0	-7658.4	173	8.0	21106.1	-7653.1
1824	11.1	235150.9	-7524.2	84	8.9	05642.0	-7657.5	174	9.2	21119.6	-7641.6
1825	11.1	235150.9	-7554.2	85	9.5	05716.0	-7627.0	175	10.4	21124.1	-7630.1
1826	11.1	235156.9	-7553.5	86	9.2	05844.0	-7628.2	176	10.2	21221.6	-7632.7
1827	10.4	235344.9	-7541.2	87	9.5	05909.0	-7636.1	177	9.0	21225.1	-7640.2
1828	9.8	235623.9	-7517.5	88	9.5	10343.0	-7631.1	178	10.8	21249.3	-7625.8
1829	10.6	235625.9	-7516.8	89	9.6	10725.0	-7641.5	179	10.9	21307.3	-7659.9
1830	9.8	235919.4	-7552.6	90	9.9	10940.0	-7658.2	180	9.0	21422.3	-7636.8
1	11.0	00125.5	-7641.9	91	8.0	11313.0	-7637.4	181	7.4	21422.3	-7656.4
2	10.6	00147.5	-7647.0	92	9.6	11505.0	-7643.0	182	10.8	21558.3	-7620.7
3	10.0	00231.0	-7612.9	93	7.5	11646.0	-7648.3	183	10.9	21615.8	-7647.6
4	11.1	00243.0	-7632.7	94	9.3	11809.0	-7612.5	184	8.7	21841.8	-7601.4
5	10.2	00253.5	-7644.7	95	9.5	11924.0	-7649.1	185	10.9	21851.3	-7626.2
6	10.4	00358.0	-7628.8	96	9.8	12257.1	-7615.0	186	8.4	21918.3	-7619.1
7	10.2	00458.3	-7633.0	97	9.8	12322.4	-7659.1	187	10.9	21932.3	-7603.7
8	10.6	00539.3	-7612.6	98	10.8	12338.6	-7608.9	188	10.2	21936.9	-7606.7
9	11.1	00547.3	-7658.4	99	10.9	12442.6	-7613.6	189	10.0	21937.5	-7657.7
10	11.1	00552.3	-7639.5	100	9.4	12519.8	-7643.2	190	10.4	21947.9	-7648.4
11	8.4	00556.8	-7610.4	101	10.4	12533.6	-7632.2	191	10.4	22048.9	-7610.3
12	11.1	00709.8	-7615.9	102	10.0	12542.1	-7611.4	192	10.9	22119.9	-7646.9
13	9.8	00745.3	-7610.8	103	9.6	12637.3	-7638.2	193	10.9	22248.4	-7623.0
14	11.0	00758.8	-7604.5	104	10.4	12710.0	-7614.6	194	10.0	22304.9	-7620.0
15	11.1	00801.8	-7608.6	105	10.6	12715.1	-7628.2	195	10.9	22421.9	-7644.7
16	9.8	00819.6	-7657.3	106	10.9	12716.1	-7647.6	196	10.9	22513.1	-7642.8
17	10.0	00952.1	-7621.8	107	10.9	12754.6	-7614.8	197	10.6	22552.6	-7646.7
18	11.0	01004.1	-7636.2	108	9.5	12909.3	-7635.4	198	10.9	22636.6	-7633.6
19	7.4	01010.1	-7636.4	109	10.7	13020.1	-7615.8	199	10.2	22730.1	-7606.0
20	10.0	01041.1	-7612.0	110	10.9	13100.1	-7627.4	200	10.9	22727.1	-7654.0
21	11.1	01229.6	-7643.0	111	10.9	13223.8	-7632.6	201	8.2	22748.0	-7617.8
22	8.6	01236.6	-7621.5	112	8.3	13237.3	-7620.1	202	9.2	22748.0	-7635.8
23	11.0	01303.2	-7632.6	113	10.9	13255.8	-7640.7	203	10.9	22846.1	-7633.6
24	11.1	01340.7	-7653.5	114	10.0	13258.0	-7600.3	204	9.0	23001.6	-7622.1
25	10.0	01438.7	-7625.8	115	10.7	13355.6	-7624.3	205	10.2	23016.4	-7622.5
26	10.0	01457.7	-7625.5	116	10.2	13356.1	-7647.2	206	7.8	23029.7	-7620.1
27	9.2	01508.2	-7627.1	117	9.0	13543.6	-7603.9	207	10.4	23047.7	-7601.7
28	11.1	01534.7	-7647.9	118	10.9	13546.1	-7620.0	208	10.7	23118.9	-7605.6
29	10.6	01612.7	-7621.7	119	10.2	13553.1	-7616.0	209	10.4	23216.9	-7618.8
30	10.8	01620.2	-7623.4	120	10.7	13557.6	-7650.8	210	9.2	23337.2	-7608.3
31	10.8	01627.2	-7617.7	121	10.2	13654.6	-7612.6	211	6.8	23350.0	-7626.4
32	11.1	01633.7	-7620.3	122	10.2	13721.6	-7631.2	212	10.9	23516.1	-7623.0
33	10.4	01714.2	-7653.7	123	8.0	13740.8	-7639.2	213	10.8	23709.1	-7653.9
34	11.0	01749.2	-7636.3	124	10.0	13743.1	-7632.8	214	10.7	23716.9	-7641.0
35	9.2	01752.0	-7641.9	125	7.9	13931.6	-7652.5	215	8.8	24512.5	-7659.9
216	9.2	24517.0	-7614.1
217	8.0	24748.0	-7642.9
218	9.2	25049.0	-7649.5
219	9.6	25227.0	-7630.1
220	9.3	25400.0	-7611.4
221	9.6	25402.0	-7617.4
222	8.6	25542.0	-7620.0
223	8.0	25933.0	-7649.5
224	9.1	30258.0	-7639.4
225	9.7	30338.0	-7641.3
226	9.3	30542.0	-7645.0
227	8.0	30703.0	-7610.4
228	8.8	31126.0	-7607.2
229	9.3	31223.0	-7610.7
230	7.8	31313.0	-7616.6
231	9.2	31820.5	-7659.0
232	8.5	31950.0	-7615.0
233	9.3	32220.0	-7619.0
234	9.4	32611.0	-7635.6
235	9.9	32910.0	-7622.6
236	9.8	32928.0	-7650.6
237	9.4	32942.0	-7645.9
238	9.4	33113.0	-7646.9
239	9.4	33141.0	-7604.7
240	9.7	33847.0	-7607.7
241	9.5	33907.0	-7630.5
242	8.6	34119.0	-7609.8
243	9.9	34212.0	-7658.8
244	9.9	34302.0	-7635.9
245	9.4	34534.0	-7634.2
246	9.7	34721.0	-7620.4
247	8.7	35043.0	-7648.1
248	8.8	35103.0	-7650.9
249	9.4	35143.0	-7604.6
250	9.7	35258.0	-7620.9
251	8.5	35325.0	-7615.8
252	9.4	35343.0	-7646.3
253	9.5	35436.0	-7645.5
254	9.7	35558.0	-7628.5
255	8.8	35624.0	-7650.2
256	9.8	35824.0	-7611.1
257	9.8	35942.0	-7616.8
258	9.9	35959.0	-7605.1
259	7.9	40057.0	-7651.7
260	9.2	40241.0	-7600.5
261	8.7	40707.0	-7652.8
262	9.5	40903.5	-7600.0
263	8.9	41109.0	-7611.2
264	9.5	41250.0	-7655.8
265	8.3	41807.0	-7606.8
266	9.4	41912.0	-7617.5
267	9.9	41913.0	-7644.9
268	9.5	42047.0	-7650.7
269	8.3	42239.0	-7600.7
270	8.3	42456.0	-7601.0
271	9.5	42515.0	-7634.5
272	9.5	42711.0	-7651.2
273	9.4	42712.0	-7627.9
274	9.8	42822.0	-7633.4
275	9.6	42844.0	-7626.1
276	9.8	42849.0	-7630.9
277	9.2	42919.0	-7628.0
278	9.2	42923.5	-7600.7
279	8.9	43111.5	-7648.3
280	9.4	43223.5	-7640.3
281	8.9	43328.5	-7623.1
282	9.6	43512.0	-7619.5
283	9.3	43546.0	-7656.4
284	9.2	43854.0	-7621.4
285	9.2	43935.5	-7621.3
286	9.6	44109.0	-7627.9
287	9.3	44252.0	-7627.2
288	9.2	44329.0	-7617.9
289	9.6	44517.0	-7650.0
290	9.3	44537.0	-7622.0
291	8.9	44634.0	-7628.8
292	9.5	44748.0	-7647.1
293	9.7	44812.0	-7658.6
294	8.1	44833.0	-7631.7
295	8.9	45013.0	-7631.2
296	9.3	45245.0	-7628.6
297	9.3	45558.0	-7606.7
298	9.3	45855.0	-7620.3
299	9.7	50123.0	-7622.9
300	9.7	50125.0	-7641.8
301	9.7	50141.0	-7620.9
302	9.7	50331.0	-7607.8
303	7.6	50659.0	-7647.5
304	9.2	50909.0	-7631.2
305	9.6	50957.0	-7653.2

306	9.7	51218.0	-7631.9	396	9.4	63326.5	-7600.0	486	9.8	80218.0	-7640.3	576	9.5	91557.0	-7648.8
307	8.8	51247.0	-7635.6	397	9.6	63328.5	-7606.9	487	9.5	80354.0	-7643.8	577	9.7	91614.0	-7647.0
308	9.6	51331.0	-7653.8	398	9.3	63349.5	-7602.0	488	9.3	80500.0	-7653.2	578	9.6	91701.0	-7631.4
309	8.9	51354.0	-7636.6	399	9.6	63439.5	-7621.7	489	9.5	80626.0	-7616.2	579	9.7	91803.0	-7638.0
310	9.2	51451.0	-7616.8	400	9.4	63450.0	-7640.9	490	9.4	80805.0	-7620.2	580	9.7	91810.0	-7639.4
311	9.4	51704.0	-7643.9	401	9.2	63506.5	-7620.6	491	9.8	80815.0	-7654.9	581	9.0	91823.0	-7640.0
312	9.5	51727.0	-7615.8	402	8.9	63523.0	-7606.1	492	9.5	80934.0	-7643.4	582	8.9	91847.0	-7614.9
313	9.7	52056.0	-7641.5	403	9.4	63559.5	-7645.0	493	9.8	81137.0	-7616.2	583	9.7	92402.0	-7631.7
314	9.5	52134.0	-7658.7	404	9.5	63809.0	-7640.8	494	8.9	81206.0	-7615.4	584	8.5	92522.0	-7611.0
315	9.7	52153.0	-7627.9	405	9.4	64014.0	-7652.9	495	9.6	81409.0	-7640.7	585	8.5	92609.0	-7642.5
316	9.7	52204.0	-7627.2	406	9.8	64024.0	-7631.7	496	9.3	81434.0	-7621.6	586	9.7	92741.0	-7659.6
317	9.6	52228.0	-7652.2	407	9.6	64158.0	-7617.5	497	9.0	81452.0	-7643.0	587	9.6	92745.0	-7641.6
318	8.0	52549.5	-7601.7	408	9.2	64201.0	-7640.9	498	9.9	81541.0	-7641.8	588	9.6	92931.0	-7601.2
319	8.9	52755.5	-7643.1	409	9.5	64236.0	-7623.5	499	9.8	81643.0	-7609.0	589	9.5	92946.5	-7656.8
320	9.6	52837.5	-7617.0	410	9.4	64254.0	-7637.3	500	9.3	81657.0	-7632.0	590	9.9	93122.0	-7614.5
321	9.6	52928.0	-7624.4	411	9.0	64306.0	-7648.5	501	9.8	81754.0	-7623.2	591	9.5	93426.0	-7605.6
322	9.3	52953.0	-7659.9	412	9.6	64318.0	-7627.7	502	9.5	81825.0	-7642.1	592	9.4	94019.0	-7612.1
323	9.9	53003.0	-7642.1	413	9.3	64340.0	-7623.3	503	9.9	81842.0	-7601.9	593	9.9	94106.0	-7603.9
324	9.5	53107.0	-7611.0	414	9.6	64545.0	-7648.8	504	9.4	81909.0	-7607.3	594	9.4	94218.0	-7653.6
325	9.4	53111.0	-7648.0	415	9.3	64820.0	-7633.8	505	9.5	81939.0	-7656.8	595	9.9	94241.0	-7630.9
326	9.4	53133.0	-7617.3	416	9.6	64840.0	-7644.0	506	8.3	81952.0	-7602.2	596	9.5	94335.0	-7625.3
327	9.9	53137.0	-7634.9	417	9.4	64855.0	-7615.9	507	4.5	82142.0	-7631.4	597	8.0	94350.0	-7611.5
328	9.9	53327.0	-7631.0	418	9.4	64949.0	-7646.7	508	9.4	82153.0	-7627.5	598	7.4	94616.0	-7611.6
329	8.8	53457.0	-7619.8	419	9.4	65015.0	-7654.7	509	9.6	82157.0	-7648.1	599	9.9	94714.0	-7614.3
330	9.5	53510.5	-7625.2	420	9.6	65034.0	-7653.3	510	9.1	82203.0	-7622.4	600	8.9	94907.0	-7625.7
331	9.6	53614.0	-7614.8	421	9.5	65233.0	-7608.9	511	9.6	82211.0	-7623.3	601	9.6	95010.0	-7619.9
332	9.8	53626.0	-7656.2	422	8.5	65239.0	-7642.0	512	9.4	82225.0	-7640.2	602	9.3	95058.0	-7644.1
333	7.1	53649.0	-7625.5	423	9.3	65242.0	-7641.8	513	9.5	82231.0	-7652.0	603	9.9	95129.0	-7610.0
334	9.6	53721.0	-7641.8	424	9.6	65408.0	-7619.1	514	7.4	82534.5	-7601.4	604	9.9	95144.0	-7635.9
335	9.9	53803.0	-7606.2	425	9.5	65428.0	-7619.1	515	8.6	82541.5	-7601.7	605	9.3	95521.0	-7622.9
336	9.6	53827.0	-7650.6	426	9.3	65655.5	-7658.3	516	9.1	82859.0	-7611.1	606	9.0	95524.0	-7641.7
337	9.5	53833.5	-7658.0	427	9.0	65701.0	-7658.5	517	9.9	82923.5	-7650.6	607	9.6	95547.0	-7610.0
338	9.5	54046.0	-7632.8	428	9.1	70152.0	-7627.8	518	9.2	82959.5	-7649.5	608	9.6	95554.0	-7610.6
339	9.1	54117.0	-7604.9	429	9.0	70413.0	-7631.3	519	9.3	83015.5	-7619.2	609	8.6	95837.0	-7609.3
340	9.9	54135.0	-7600.4	430	9.0	70556.0	-7657.9	520	9.7	83132.0	-7646.5	610	9.5	95959.0	-7606.8
341	9.2	54244.0	-7644.1	431	9.5	70830.0	-7642.7	521	9.5	83145.0	-7644.5	611	9.8	100211.0	-7606.2
342	9.5	54255.0	-7629.1	432	9.5	70857.0	-7637.8	522	9.2	83149.5	-7650.3	612	9.6	100437.0	-7600.5
343	9.8	54256.0	-7629.9	433	9.5	70915.0	-7612.2	523	9.3	83206.0	-7633.8	613	9.6	100630.0	-7639.8
344	9.3	54354.0	-7621.4	434	9.8	71322.0	-7644.5	524	8.8	83437.5	-7659.5	614	9.3	100643.0	-7655.8
345	9.3	54421.0	-7605.2	435	9.8	71329.0	-7639.3	525	8.3	83511.5	-7630.0	615	9.9	100742.0	-7609.0
346	9.6	54435.0	-7621.2	436	9.8	71329.0	-7611.7	526	9.7	83547.5	-7658.2	616	9.5	100749.0	-7603.2
347	9.9	54437.0	-7607.7	437	9.4	71415.0	-7657.9	527	9.7	83711.0	-7644.8	617	9.5	100849.0	-7614.2
348	9.4	54522.0	-7626.2	438	9.8	71449.0	-7623.9	528	8.5	83835.0	-7633.8	618	9.6	101111.0	-7643.2
349	9.2	54625.0	-7607.4	439	9.8	71524.0	-7659.0	529	9.3	83918.0	-7652.2	619	8.7	101415.0	-7627.8
350	9.8	54639.0	-7623.0	440	9.1	71525.0	-7648.6	530	8.3	84018.0	-7617.7	620	9.5	101432.0	-7618.8
351	9.9	54838.0	-7631.1	441	9.8	71751.0	-7614.0	531	9.7	84101.0	-7628.7	621	9.6	101441.0	-7646.3
352	8.9	54855.0	-7649.0	442	9.6	71857.0	-7652.2	532	9.5	84158.0	-7619.0	622	9.8	101507.0	-7651.0
353	9.8	55033.0	-7647.7	443	9.6	71905.0	-7642.7	533	8.9	84206.0	-7636.5	623	9.9	101518.0	-7627.4
354	9.9	55035.0	-7649.9	444	9.1	72013.0	-7647.8	534	9.6	84253.0	-7639.3	624	9.9	101547.0	-7604.9
355	8.9	55131.0	-7612.0	445	8.2	72325.0	-7610.7	535	9.5	84418.5	-7656.4	625	9.9	101759.0	-7615.9
356	9.1	55302.0	-7607.8	446	9.5	72354.0	-7629.8	536	9.5	84433.0	-7653.7	626	9.1	101906.0	-7620.1
357	9.4	55345.0	-7634.0	447	9.6	72428.0	-7626.8	537	9.6	84433.0	-7614.8	627	9.3	102106.0	-7625.9
358	9.3	55437.0	-7606.8	448	9.2	72504.5	-7603.9	538	7.8	84534.0	-7639.7	628	9.6	102212.0	-7606.0
359	9.9	55710.0	-7636.0	449	9.3	72555.5	-7608.7	539	7.7	84609.0	-7635.5	629	9.6	102252.0	-7625.4
360	9.2	55831.0	-7651.7	450	9.8	72803.0	-7624.7	540	9.5	84650.0	-7622.2	630	9.8	102327.0	-7614.0
361	9.6	55848.5	-7601.3	451	9.8	72901.0	-7611.8	541	9.1	84652.0	-7620.8	631	9.6	102544.5	-7621.2
362	8.4	60015.0	-7649.0	452	9.4	72912.5	-7648.9	542	9.5	84652.0	-7602.4	632	9.3	102854.5	-7616.9
363	9.4	60021.0	-7601.6	453	9.2	73021.0	-7655.7	543	9.4	84727.0	-7621.8	633	9.9	103001.5	-7609.5
364	9.9	60055.0	-7605.9	454	9.1	73033.5	-7624.4	544	7.1	84807.0	-7636.7	634	9.9	103003.0	-7612.0
365	9.6	60234.0	-7617.8	455	9.8	73111.0	-7647.9	545	9.7	85236.0	-7659.7	635	9.5	103024.0	-7602.9
366	9.6	60310.0	-7614.0	456	9.5	73343.5	-7632.7	546	8.9	85303.0	-7648.9	636	9.5	103039.0	-7615.6
367	9.1	60559.0	-7625.5	457	9.7	73558.5	-7652.9	547	9.3	85406.0	-7645.7	637	9.7	103820.5	-7600.9
368	9.4	60633.0	-7656.1	458	7.1	73801.5	-7648.0	548	9.1	85421.0	-7653.0	638	9.2	104234.0	-7635.3
369	9.9	60729.0	-7651.7	459	9.3	73814.0	-7643.7	549	9.7	85507.0	-7632.5	639	9.3	104412.0	-7656.7
370	9.9	60736.0	-7635.0	460	9.4	73823.0	-7601.9	550	9.4	85516.0	-7635.7	640	9.8	104600.0	-7645.5
371	9.5	61037.0	-7622.8	461	9.3	74114.0	-7632.6	551	9.7	85522.0	-7618.8	641	9.5	104614.0	-7632.6
372	9.8	61047.0	-7600.8	462	9.5	74125.5	-7600.4	552	9.7	85535.0	-7619.8	642	9.2	104649.0	-7626.8
373	9.4	61049.0	-7649.9	463	9.5	74313.0	-7607.9	553	9.5	85658.0	-7645.1	643	8.3	104808.0	-7627.5
374	9.2	61124.0	-7619.9	464	9.5	74350.0	-7609.9	554	9.4	85717.0	-7610.5	644	9.9	104832.0	-7644.9
375	9.9	61141.0	-7632.3	465	9.5	74424.0	-7631.5	555	9.4	90036.0	-7639.9	645	9.4	105128.0	-7651.5
376	8.5	61250.0	-7639.8	466	9.5	74425.0	-7607.6	556	9.7	90040.0	-7619.0	646	9.8	105322.0	-7600.4
377	9.4	61254.0	-7619.1	467	9.9	74430.0	-7618.7	557	9.5	90051.0	-7655.0	647	9.6	105555.0	-7625.7
378	9.2	61259.0	-7654.0	468	9.7	74505.0	-7621.2	558	9.1	90209.0	-7654.9	648	9.7	105706.0	-7621.1
379	9.4	61427.0	-7659.8	469	8.6	74525.0	-7658.4	559	9.7	90230.0	-7632.7	649	9.4	105803.0	-7604.9
380	9.2	61454.0	-7613.0	470	9.9	74606.0	-7628.3	560	9.6	90315.5	-7600.7	650	9.3	105810.0	-7656.0
381	9.9	61550.0	-7612.2	471	9.8	74640.0	-7621.1	561	9.1	90344.5	-7657.2	651	9.5	110004.5	-7615.5
382	9.1	61742.0	-7656.4	472	9.9	74727.0	-7653.0	562	8.5	90347.0	-7623.9	652	9.9	110352.0	-7657.7
383	9.5	61805.0	-7643.6	473	9.9	74854.0	-7653.2	563	9.7	90555.0	-7611.6	653	9.5	110427.0	-7602.0
384	8.3	62015.0	-7608.7	474	9.4	74933.0	-7602.3	564	9.7	90600.0	-7635.9	654	8.5	110432.0	-7658.8
385	9.5	62120.0	-7633.0	475	9.8	75051.0	-7651.9	565	9.5	90613.0	-7628.0	655	9.8	111014.0	-7620.1
386	9.2	62130.0	-7634.7	476	9.8	75225.0	-7654.9	566	9.6	90652.0	-7605.9	656	9.9	111111.0	-7621.1
387	8.6	62318.0	-7634.8	477	8.0	75247.0	-7626.9	567	9.7	90734.5	-7657.0	657	8.2	111121.0	-7650.1
388	9.4	62417.0	-7640.0	478	8.6	75250.0	-7649.7	568	7.3	90736.0	-7603.6	658	9.1	111302.0	-7612.0
389	9.8	62750.0	-7602.0	479	9.8	75342.0	-7645.9	569	8.4	90804.0	-7617.7	659	9.6	111411.0	-7626.1
390	9.5	62815.5	-7641.2	480	9.8	75414.0	-7604.9	570	9.7	90824.0	-7620.0	660	9.5	111524.0	-7658.3
391	9.5	63031.5	-7620.5	481	8.6	75635.0	-7616.7	571	9.2	90908.0	-7628.0	661	9.6	111739.0	-7638.5
392	9.3	63103.5	-7655.0	482	9.6	75641.0	-7649.2	572	9.7	90914.0	-7656.8	662	7.1	111744.0	-7655.4
393	9.5	63146.0	-7635.1	483	9.7	75750.0	-7613.9	573	9.6	91047.0	-7600.4	663	9.8	111833.0	-7608.9
394	9.6	63232.5	-7629.4	484	9.3	75857.0	-7609.7	574	7.2	91327.0	-7608.4	664	9.5	111836.5	-7602.0
395	9.3	63237.0	-7638.7	485	9.8	75902.5	-7659.9	575	9.3	91339.0	-7606.7	665	9.8	111856.0	-7610.7

666	9.5	111856.5	-7659.7	756	9.6	130749.0	-7658.5	846	9.8	142746.7	-7612.6
667	9.5	112126.0	-7650.5	757	9.6	130755.0	-7601.6	847	9.5	142808.7	-7617.3
668	9.9	112233.0	-7657.9	758	9.6	130819.0	-7652.9	848	6.6	142811.9	-7628.1
669	9.6	112305.0	-7626.1	759	9.6	130937.0	-7637.1	849	9.8	142816.9	-7657.5
670	9.8	112331.0	-7654.9	760	8.9	131311.0	-7619.4	850	9.9	142821.7	-7604.7
671	9.8	112440.0	-7623.4	761	9.4	131537.0	-7643.1	851	8.2	142837.1	-7647.1
672	9.7	112552.0	-7616.9	762	9.6	131610.0	-7630.9	852	10.0	142849.2	-7656.1
673	9.2	112626.5	-7622.9	763	9.3	131627.0	-7613.6	853	9.3	142909.6	-7651.0
674	9.5	112755.5	-7644.9	764	9.0	131628.0	-7630.7	854	10.0	142913.7	-7608.1
675	9.9	112849.0	-7645.3	765	9.6	131639.5	-7601.6	855	10.0	142925.2	-7607.9
676	9.4	112859.0	-7618.7	766	9.7	131652.0	-7643.0	856	8.6	142942.9	-7630.5
677	9.6	113054.5	-7609.1	767	7.2	132227.0	-7655.0	857	10.0	142950.7	-7606.5
678	9.3	113137.0	-7648.8	768	9.4	132227.0	-7641.8	858	10.0	142954.7	-7605.5
679	9.1	113140.5	-7600.1	769	9.1	132233.0	-7655.4	859	9.5	143005.2	-7642.0
680	9.2	113217.5	-7640.9	770	9.4	132614.5	-7631.7	860	9.8	143010.2	-7656.2
681	9.6	113254.5	-7632.1	771	9.1	132757.0	-7651.0	861	10.0	143019.7	-7632.3
682	9.6	113431.5	-7632.7	772	9.0	132837.5	-7615.1	862	9.5	143029.1	-7642.0
683	9.6	113435.5	-7646.5	773	9.4	132912.0	-7645.9	863	9.4	143036.4	-7632.5
684	9.6	113456.5	-7637.0	774	8.3	133019.5	-7652.6	864	9.4	143101.7	-7613.5
685	9.5	113506.0	-7609.0	775	8.5	133139.0	-7609.2	865	9.8	143116.7	-7654.1
686	7.5	113612.5	-7621.5	776	9.4	133154.0	-7617.9	866	8.8	143121.6	-7648.7
687	9.1	114001.5	-7605.2	777	9.6	133207.0	-7634.6	867	9.5	143148.2	-7655.8
688	7.7	114013.5	-7609.9	778	9.6	133306.5	-7637.7	868	10.0	143150.2	-7653.2
689	8.2	114222.5	-7612.0	779	9.0	133412.5	-7626.6	869	10.0	143204.7	-7622.8
690	9.2	114326.5	-7634.8	780	9.6	133505.0	-7621.0	870	9.2	143224.4	-7632.6
691	9.1	114353.5	-7649.7	781	8.7	133531.5	-7653.7	871	9.8	143233.2	-7614.4
692	9.3	114426.5	-7603.5	782	9.3	133912.5	-7658.4	872	8.2	143240.1	-7601.6
693	8.8	114621.5	-7653.4	783	9.6	133955.0	-7616.2	873	9.8	143316.7	-7637.0
694	9.3	114706.5	-7608.6	784	9.4	134137.0	-7633.6	874	9.8	143322.7	-7646.5
695	9.5	114721.5	-7643.5	785	9.6	134243.0	-7650.4	875	9.4	143334.7	-7617.2
696	9.6	114844.5	-7632.1	786	7.9	134434.0	-7637.2	876	9.4	143346.7	-7634.8
697	8.9	114956.5	-7618.7	787	8.9	134443.0	-7602.5	877	10.0	143348.2	-7635.0
698	9.5	115039.7	-7658.4	788	9.4	134533.0	-7616.4	878	9.3	143406.7	-7639.3
699	9.1	115112.5	-7645.3	789	9.3	134549.0	-7651.7	879	9.5	143411.9	-7601.4
700	9.6	115224.5	-7648.1	790	9.3	134620.0	-7611.8	880	10.0	143442.7	-7605.0
701	9.6	115324.5	-7628.7	791	9.6	134701.0	-7623.8	881	8.8	143512.2	-7627.6
702	9.1	115416.0	-7616.7	792	9.4	134706.0	-7604.9	882	9.6	143528.2	-7629.2
703	9.6	115428.0	-7600.1	793	9.3	134710.0	-7644.3	883	9.5	143538.7	-7607.4
704	9.3	115539.0	-7616.8	794	8.5	134717.0	-7610.2	884	9.2	143548.7	-7627.8
705	9.6	115554.0	-7649.9	795	9.4	134941.0	-7604.0	885	10.0	143558.7	-7623.8
706	9.6	115558.0	-7650.0	796	9.6	134955.0	-7634.6	886	10.0	143558.7	-7626.2
707	9.5	115618.0	-7650.0	797	9.4	135128.0	-7622.8	887	10.0	143608.2	-7626.4
708	9.5	115658.0	-7634.8	798	9.6	135233.0	-7638.8	888	9.2	143609.7	-7619.2
709	9.6	115709.0	-7615.4	799	7.4	135314.0	-7611.4	889	10.0	143625.2	-7633.0
710	9.6	115832.0	-7629.6	800	9.6	135409.0	-7606.8	890	9.5	143630.2	-7635.4
711	9.2	115835.0	-7630.2	801	9.4	135419.0	-7603.0	891	9.9	143651.2	-7613.0
712	9.6	115848.0	-7655.6	802	9.6	135435.0	-7622.9	892	8.7	143658.7	-7632.5
713	9.5	115919.0	-7607.8	803	9.6	135656.0	-7603.3	893	9.5	143708.2	-7609.6
714	9.6	120115.0	-7622.6	804	9.3	135936.0	-7629.8	894	6.7	143711.2	-7639.1
715	9.5	120148.0	-7641.9	805	9.3	135943.0	-7605.9	895	10.0	143739.2	-7644.6
716	9.5	120214.5	-7659.6	806	9.6	135949.0	-7640.8	896	10.0	143747.2	-7605.2
717	9.5	120446.0	-7637.5	807	9.0	140045.0	-7656.0	897	9.4	143755.7	-7633.1
718	9.6	120506.0	-7611.8	808	9.4	140121.0	-7645.0	898	9.8	143759.7	-7646.0
719	9.6	120602.5	-7602.3	809	9.6	140255.0	-7615.1	899	10.0	143805.7	-7607.6
720	9.3	120656.0	-7623.2	810	9.3	140312.0	-7626.5	900	9.3	143807.2	-7641.5
721	9.5	120711.5	-7628.3	811	9.4	140324.0	-7637.9	901	9.5	143829.2	-7623.5
722	9.3	120846.0	-7606.8	812	9.3	140352.0	-7614.9	902	10.0	143840.2	-7617.0
723	9.3	121002.5	-7640.3	813	9.3	140614.0	-7630.8	903	9.7	143840.2	-7627.2
724	9.5	121009.5	-7657.2	814	8.1	140814.0	-7607.2	904	9.6	143842.7	-7633.3
725	9.1	121058.5	-7643.5	815	9.6	140836.0	-7622.9	905	8.5	143912.7	-7648.4
726	7.6	121238.5	-7606.2	816	9.4	140843.0	-7644.0	906	8.9	143932.7	-7637.9
727	9.5	121438.5	-7605.9	817	9.6	140935.0	-7607.6	907	9.4	143934.2	-7620.6
728	8.4	121602.5	-7659.3	818	9.6	141352.0	-7636.5	908	9.5	144040.2	-7620.0
729	8.2	121659.5	-7631.1	819	9.3	141358.0	-7643.4	909	9.5	144041.2	-7637.9
730	8.8	121822.5	-7611.3	820	9.1	141405.0	-7638.9	910	9.9	144100.7	-7614.5
731	9.3	121858.5	-7621.8	821	9.3	141430.0	-7623.6	911	9.4	144109.2	-7626.6
732	9.0	121915.5	-7631.2	822	9.2	141438.0	-7621.9	912	9.9	144123.2	-7613.5
733	8.9	121941.5	-7617.9	823	8.8	141514.0	-7615.9	913	9.8	144124.7	-7643.0
734	8.4	121951.0	-7603.8	824	8.9	141547.0	-7636.1	914	9.0	144137.2	-7625.1
735	9.5	121955.5	-7623.0	825	9.6	141617.0	-7609.5	915	9.6	144155.2	-7624.9
736	9.5	122902.5	-7608.0	826	7.5	141630.0	-7609.9	916	9.9	144204.2	-7648.0
737	9.5	123346.0	-7605.9	827	9.6	141634.0	-7650.8	917	10.0	144206.2	-7624.3
738	9.6	123351.5	-7627.0	828	9.6	141641.5	-7659.4	918	9.8	144216.7	-7610.3
739	8.8	123438.5	-7639.9	829	8.5	141856.0	-7636.2	919	9.5	144235.2	-7614.3
740	9.6	123543.0	-7653.1	830	9.4	141947.0	-7650.6	920	9.4	144259.1	-7617.1
741	9.6	123855.0	-7623.9	831	8.5	141955.0	-7653.1	921	10.0	144313.1	-7614.1
742	9.6	125136.0	-7607.1	832	9.6	142037.0	-7612.1	922	7.9	144331.1	-7636.6
743	9.6	125246.5	-7601.2	833	9.4	142133.0	-7639.7	923	9.2	144341.6	-7633.4
744	8.8	125410.0	-7621.4	834	7.2	142218.0	-7633.4	924	7.4	144342.1	-7609.1
745	9.4	125715.0	-7603.9	835	9.6	142243.0	-7651.0	925	9.6	144401.6	-7636.9
746	9.3	125758.0	-7633.1	836	9.6	142309.0	-7651.9	926	10.0	144427.1	-7622.6
747	9.3	125822.0	-7638.3	837	9.3	142340.6	-7636.4	927	10.0	144437.6	-7615.4
748	9.4	125846.0	-7610.3	838	9.9	142347.7	-7618.0	928	9.5	144455.6	-7643.2
749	9.6	125945.0	-7616.7	839	9.6	142405.2	-7635.8	929	9.5	144503.1	-7607.5
750	9.0	130022.0	-7634.7	840	9.8	142411.7	-7643.6	930	10.0	144503.6	-7606.4
751	8.0	130355.0	-7647.7	841	10.0	142448.7	-7653.3	931	7.1	144535.6	-7639.1
752	9.4	130522.0	-7659.2	842	8.6	142549.7	-7616.1	932	8.9	144542.6	-7633.8
753	9.6	130549.5	-7602.2	843	8.7	142642.1	-7647.8	933	9.7	144554.1	-7645.6
754	9.7	130637.0	-7649.9	844	9.8	142647.6	-7601.1	934	9.3	144602.1	-7614.2
755	9.6	130726.0	-7647.1	845	10.0	142655.7	-7651.1	935	9.8	144602.6	-7612.4
936	8.9	144621.6	-7632.2								
937	10.0	144635.9	-7621.7								
938	9.4	144657.9	-7616.8								
939	8.4	144658.9	-7657.4								
940	9.4	144731.9	-7618.1								
941	8.7	144738.4	-7647.6								
942	9.9	144750.4	-7653.5								
943	9.9	144810.9	-7640.7								
944	9.5	144856.4	-7637.9								
945	9.8	144908.4	-7635.6								
946	9.5	144920.9	-7608.4								
947	10.0	144927.9	-7635.5								
948	9.4	145011.4	-7607.7								
949	9.9	145015.4	-7645.3								
950	9.5	145032.9	-7643.2								
951	9.8	145116.0	-7645.4								
952	9.5	145153.0	-7647.7								
953	10.0	145201.0	-7637.9								
954	9.5	145203.5	-7632.8								
955	8.9	145208.0	-7647.0								
956	10.0	145223.0	-7637.8								
957	9.4	145223.0	-7614.6								
958	10.0	145240.0	-7637.9								
959	9.3	145246.0	-7613.5								
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961	9.4	145255.5	-7629.1								
962	8.9	145307.0	-7603.3								
963	8.4	145320.5	-7635.8								
964	9.5	145342.0	-7656.2								
965	8.8	145412.5	-7634.8								
966	9.7	145416.5	-7634.6								
967	9.5	145438.0	-7601.7								
968	9.0	145449.5	-7631.9								
969	9.9	145450.0	-7616.9								
970	9.8	145502.5	-7600.4								
971	9.8	145518.0	-7623.4								
972	9.0	145526.5	-7650.0								
973	9.9	145541.5	-7650.1								
974	10.0	145553.0	-7607.7								
975	9.4	145604.5	-7621.8								
976	9.9	145611.5	-7623.8								
977	8.4	145616.0	-7627.8								
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979	9.5	145711.0	-7624.7								
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982	8.8	145811.3	-7636.0								
983	9.8	145813.8	-7638.3								
984	9.4	145816.3	-7659.9								
985	9.4	145833.8	-7627.3								
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987	9.7	145852.8	-7627.3								
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989	9.7	145937.3	-7621.1								
990	9.7	145946.8	-7604.7								
991	9.8	145948.8	-7649.0								
992	10.0	150004.8	-7625.0								
993	10.0	150048.8	-7624.6								
994	8.1	150103.8	-7652.7								
995	10.0	150109.8	-7631.0								
996	9.4	150113.8	-7643.7								
997	9.8	150256.1	-7600.7								
998	10.0	150313.8	-7608.0								
999	8.9	150340.8	-7622.9								
1000	9.0	150450.3	-7629.9								
1001	10.0	150502.3	-7649.0								
1002	9.4	150537.3	-7608.6								
1003	9.8	150547.8	-7607.0								
1004	9.8	150553.8	-7642.3								
1005	9.9	150554.3	-7642.5								
1006	9.8	150622.8	-7649.7								
1007	9.4	150645.3	-7652.0								
1008	9.6	150656.3	-7641.0								
1009	9.4	150737.8	-7645.6								
1010	8.8	150806.3	-7617.4								
1011	10.0	150811.3	-7607.7								
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1013	9.5	150842.8	-7642.5								
1014	9.4	150905.3	-7626.4								
1015	9.0	150911.8	-7644.9								
1016	9.4	150923.3	-7637.9								
1017	9.8	150937.8	-7635.0								
1018	9.7	150942.8	-7632.2								
1019	10.0	150954.3	-7619.8								
1020	7.2	150955.3	-7604.3								
1021	9.8	151010.3	-7622.8								
1022	9.5	151022.3	-7605.9								
1023	9.4	151104.9	-7600.4								
1024	9.9	151122.8	-7647.2								
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1026	10.0	151155.3	-7601.5	1116	9.0	153750.9	-7607.5	1206	9.4	170636.0	-7609.9	1296	9.4	184736.8	-7648.9
1027	9.9	151202.8	-7601.8	1117	9.1	153759.0	-7656.6	1207	9.1	170704.0	-7602.9	1297	10.2	184850.8	-7627.0
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1037	9.8	151503.8	-7619.1	1127	9.3	154759.0	-7613.8	1217	9.3	172902.5	-7605.2	1307	10.2	185310.5	-7622.9
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1039	9.6	151601.8	-7620.1	1129	9.1	154827.0	-7648.7	1219	8.9	173203.5	-7632.4	1309	10.2	185351.3	-7637.8
1040	9.8	151606.3	-7642.8	1130	8.7	154832.0	-7653.1	1220	8.6	173205.0	-7608.5	1310	9.9	185453.8	-7657.0
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1045	9.4	151644.3	-7629.4	1135	7.4	155115.5	-7656.4	1225	9.1	173733.0	-7627.4	1315	9.6	185704.8	-7620.7
1046	8.5	151704.8	-7634.1	1136	9.3	155130.0	-7602.5	1226	8.0	174000.0	-7608.7	1316	9.7	185715.3	-7640.3
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1048	9.4	151745.8	-7641.9	1138	9.3	155208.0	-7611.9	1228	9.5	174751.0	-7632.4	1318	9.6	185838.8	-7626.2
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1052	9.4	151924.3	-7628.5	1142	9.1	155553.0	-7637.5	1232	8.3	175717.0	-7641.1	1322	9.7	190020.1	-7643.8
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1059	10.0	152126.3	-7641.2	1149	8.0	160146.0	-7649.3	1239	8.8	180827.0	-7655.7	1329	9.2	190827.1	-7629.9
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1065	9.4	152244.3	-7650.9	1155	9.1	160710.0	-7650.9	1245	9.6	182133.4	-7642.1	1335	9.6	190921.6	-7653.0
1066	9.4	152247.8	-7605.5	1156	9.2	160713.0	-7631.0	1246	9.8	182150.4	-7632.5	1336	9.6	191109.1	-7651.6
1067	9.5	152248.3	-7647.9	1157	8.6	160722.0	-7652.0	1247	9.0	182152.9	-7659.4	1337	9.1	191112.5	-7601.6
1068	9.7	152327.3	-7601.1	1158	9.3	161038.0	-7629.9	1248	9.8	182209.9	-7644.8	1338	10.2	191130.1	-7629.0
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1072	9.5	152353.5	-7646.9	1162	9.1	161455.0	-7604.1	1252	9.4	182445.4	-7611.7	1342	9.2	191409.6	-7654.1
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1076	9.9	152502.4	-7659.2	1166	9.2	162505.0	-7618.3	1256	8.8	182805.2	-7615.8	1346	9.6	191842.1	-7651.7
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1078	10.0	152505.0	-7619.4	1168	9.4	162624.0	-7615.2	1258	8.7	182831.0	-7600.1	1348	9.7	192001.1	-7642.0
1079	9.8	152513.5	-7616.7	1169	9.2	162722.0	-7625.8	1259	9.1	182837.1	-7602.6	1349	9.7	192047.1	-7642.0
1080	9.9	152620.5	-7649.1	1170	9.2	162846.0	-7614.2	1260	9.1	182838.4	-7643.3	1350	9.7	192138.1	-7606.9
1081	10.0	152625.5	-7617.1	1171	9.2	163022.2	-7659.3	1261	9.6	182926.4	-7659.0	1351	8.4	192213.3	-7621.0
1082	9.0	152630.1	-7602.1	1172	9.4	163142.0	-7618.1	1262	9.8	182944.3	-7606.1	1352	10.2	192301.6	-7620.3
1083	9.8	152722.5	-7633.9	1173	9.3	163301.0	-7626.0	1263	9.4	182947.8	-7624.1	1353	9.4	192324.1	-7654.0
1084	10.0	152751.5	-7658.7	1174	9.1	163459.0	-7614.0	1264	10.2	183008.3	-7631.9	1354	10.2	192529.6	-7656.2
1085	9.5	152805.5	-7647.5	1175	9.4	163653.0	-7650.3	1265	9.7	183100.8	-7606.9	1355	9.6	192617.6	-7605.1
1086	9.4	152826.5	-7617.9	1176	9.3	163706.0	-7635.2	1266	10.2	183126.3	-7624.3	1356	9.7	192718.6	-7627.2
1087	9.2	152910.7	-7602.2	1177	9.3	163734.0	-7606.2	1267	9.7	183127.4	-7658.5	1357	10.0	192831.2	-7647.6
1088	9.8	152916.2	-7654.8	1178	9.1	163747.0	-7609.9	1268	10.0	183159.3	-7621.6	1358	10.0	192944.8	-7652.2
1089	9.4	152938.7	-7616.9	1179	9.4	163800.0	-7637.9	1269	9.7	183208.8	-7625.0	1359	9.7	192957.3	-7637.8
1090	9.7	152945.7	-7613.2	1180	9.3	163844.0	-7641.1	1270	10.0	183233.3	-7650.5	1360	10.2	193113.3	-7619.8
1091	9.2	152948.7	-7601.0	1181	9.3	163848.0	-7611.2	1271	9.2	183308.6	-7650.0	1361	10.2	193225.3	-7630.2
1092	10.0	152957.8	-7625.2	1182	8.4	164011.0	-7612.2	1272	10.0	183347.8	-7637.4	1362	8.8	193236.9	-7642.1
1093	10.0	153004.2	-7619.4	1183	9.3	164127.0	-7610.9	1273	10.0	183507.8	-7635.1	1363	9.7	193252.1	-7606.6
1094	10.0	153013.2	-7611.2	1184	9.3	164131.0	-7637.0	1274	9.8	183512.3	-7639.3	1364	9.6	193259.6	-7614.6
1095	8.4	153026.1	-7638.4	1185	9.4	164339.0	-7600.4	1275	9.1	183646.8	-7655.9	1365	9.0	193409.9	-7608.2
1096	9.8	153026.7	-7625.1	1186	7.8	164345.5	-7600.8	1276	9.6	183702.8	-7629.9	1366	9.3	193451.3	-7659.8
1097	10.0	153036.2	-7628.0	1187	9.1	164350.0	-7611.1	1277	10.0	183734.0	-7601.0	1367	9.8	193539.9	-7634.6
1098	9.5	153104.7	-7637.1	1188	8.6	164630.0	-7643.7	1278	10.2	183812.8	-7643.1	1368	7.7	193611.6	-7629.2
1099	10.0	153159.2	-7640.0	1189	9.3	164649.0	-7657.8	1279	9.6	183818.8	-7653.1	1369	9.5	193711.4	-7634.6
1100	9.6	153201.7	-7617.6	1190	9.3	164650.0	-7608.2	1280	9.9	183834.3	-7644.1	1370	9.8	193754.9	-7629.0
1101	9.4	153205.6	-7646.8	1191	8.8	164727.0	-7610.9	1281	9.2	183851.8	-7622.8	1371	9.8	193914.9	-7619.2
1102	8.2	153255.1	-7647.8	1192	9.4	164814.5	-7641.6	1282	9.0	184000.8	-7630.3	1372	9.4	193932.9	-7646.6
1103	9.6	153329.2	-7637.1	1193	9.1	164900.0	-7604.9	1283	10.0	184101.3	-7653.5	1373	9.2	194107.4	-7607.5
1104	9.6	153356.8	-7619.9	1194	7.7	165003.0	-7602.3	1284	10.2	184103.0	-7600.7	1374	8.9	194125.9	-7637.9
1105	9.8	153446.7	-7656.4	1195	9.4	165048.0	-7613.2	1285	9.7	184238.8	-7622.3	1375	9.5	194300.6	-7616.5
1106	9.7	153450.2	-7635.0	1196	9.4	165318.0	-7646.2	1286	9.0	184252.8	-7625.5	1376	9.8	194342.6	-7603.9
1107	9.8	153525.2	-7633.3	1197	9.4	165826.0	-7615.5	1287	9.7	184328.3	-7632.7	1377	8.1	194424.6	-7658.4
1108	9.5	153545.7	-7634.3	1198	8.5	165836.0	-7611.4	1288	9.1	184419.3	-7645.1	1378	8.2	194432.6	-7633.7
1109	10.0	153607.2	-7622.8	1199	9.3	165926.0	-7602.5	1289	9.1	184458.3	-7648.2	1379	9.8	194511.6	-7641.3
1110	8.8	153609.3	-7606.3	1200	9.2	170106.0	-7611.9	1290	9.4	184540.8	-7637.1	1380	9.0	194627.6	-7639.1
1111	9.5	153619.7	-7645.2	1201	9.3	170438.0	-7651.1	1291	9.0	184556.3	-7633.6	1381	9.4	194631.6	-7627.7
1112	8.8	153645.4	-7649.6	1202	9.3	170502.0	-7605.0	1292	10.0	184557.8	-7622.8	1382	9.3	194801.6	-7632.7
1113	9.8	153709.2	-7605.2	1203	8.9	170503.0	-7620.6	1293	8.6	184604.3	-7616.6	1383	9.6	195109.1	-7605.7
1114	9.4	153719.2	-7643.9	1204	8.2	170532.0	-7612.7	1294	10.2	184632.5	-7656.1	1384	9.6	195111.1	-7643.2
1115	9.2	153735.4	-7622.5	1205	9.4	170628.0	-7611.0	1295	10.0	184726.3	-7632.7	1385	9.8	195320.6	-7638.7

1386	9.0	195349.3	-7613.8	1476	10.3	205646.7	-7625.2	1566	9.6	224755.0	-7625.8	17	9.4	02035.3	-7701.3
1387	9.4	195403.8	-7624.0	1477	10.3	205853.9	-7643.9	1567	9.0	225028.0	-7633.8	18	11.1	02043.7	-7707.4
1388	8.8	195439.3	-7658.2	1478	9.2	205947.2	-7658.3	1568	9.5	225146.0	-7608.6	19	9.6	02149.1	-7700.7
1389	9.6	195642.8	-7636.2	1479	9.4	205953.4	-7622.9	1569	8.9	225549.0	-7626.0	20	10.0	02208.7	-7705.4
1390	9.7	195721.3	-7612.8	1480	10.3	210004.9	-7643.5	1570	8.9	225801.0	-7649.1	21	11.0	02404.7	-7712.3
1391	9.2	195739.3	-7641.6	1481	10.3	210049.9	-7618.1	1571	9.6	230003.0	-7631.3	22	10.6	02415.2	-7721.3
1392	9.8	195743.5	-7616.7	1482	8.8	210106.9	-7604.6	1572	8.5	230004.0	-7634.3	23	11.0	02524.2	-7730.5
1393	8.1	195804.8	-7613.8	1483	10.3	210109.4	-7653.1	1573	9.6	230607.0	-7615.2	24	11.1	02558.0	-7703.2
1394	9.0	195832.3	-7645.0	1484	8.8	210110.9	-7643.9	1574	9.6	230730.0	-7612.3	25	9.0	02608.5	-7744.6
1395	9.5	195956.3	-7615.0	1485	9.7	210119.9	-7626.5	1575	8.6	230800.0	-7612.9	26	11.1	02712.5	-7720.2
1396	9.8	200114.8	-7635.7	1486	10.3	210125.7	-7601.1	1576	7.2	231208.0	-7618.9	27	9.8	02722.5	-7709.2
1397	9.4	200211.3	-7608.6	1487	9.2	210207.4	-7635.5	1577	9.6	231427.0	-7618.1	28	11.1	03140.5	-7715.2
1398	9.8	200222.8	-7641.4	1488	10.3	210221.4	-7627.9	1578	9.6	231642.0	-7613.4	29	10.4	03256.0	-7703.3
1399	9.5	200225.8	-7652.5	1489	8.8	210223.4	-7624.7	1579	9.4	231649.5	-7647.3	30	9.4	03325.5	-7752.0
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1401	9.8	200304.3	-7643.7	1491	10.3	210259.4	-7642.6	1581	9.5	231842.5	-7619.5	32	9.1	04203.0	-7714.1
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1403	8.6	200317.3	-7630.0	1493	9.8	210342.9	-7618.9	1583	8.3	231925.5	-7606.3	34	9.8	04748.5	-7704.0
1404	9.8	200322.5	-7631.2	1494	10.3	210515.4	-7644.7	1584	9.3	232021.3	-7603.9	35	9.8	04939.0	-7716.4
1405	8.6	200322.8	-7602.8	1495	9.8	210536.5	-7640.0	1585	9.2	232119.7	-7637.8	36	9.5	05255.9	-7743.6
1406	9.3	200416.1	-7600.4	1496	8.8	210551.5	-7621.8	1586	10.4	232129.7	-7650.8	37	8.3	05350.0	-7713.9
1407	9.0	200609.4	-7634.5	1497	10.3	210712.5	-7655.9	1587	10.0	232225.7	-7640.9	38	9.6	05650.2	-7730.8
1408	9.8	200730.9	-7601.8	1498	10.3	210716.5	-7604.8	1588	10.6	232312.7	-7602.1	39	9.4	05809.0	-7728.1
1409	9.3	200831.9	-7618.2	1499	10.3	210721.5	-7609.0	1589	11.0	232331.7	-7623.4	40	9.3	05843.0	-7742.0
1410	9.6	200934.4	-7632.5	1500	9.7	210733.5	-7651.2	1590	10.6	232400.7	-7635.9	41	9.6	10113.0	-7713.7
1411	9.8	201318.4	-7601.7	1501	10.3	210741.0	-7614.4	1591	11.1	232416.7	-7608.3	42	9.2	10144.0	-7735.2
1412	9.8	201424.4	-7600.9	1502	10.3	210912.8	-7602.7	1592	9.2	232603.6	-7617.3	43	8.5	10426.0	-7720.5
1413	9.4	201622.4	-7636.9	1503	10.3	210937.5	-7619.6	1593	10.2	232611.7	-7637.3	44	9.2	10529.0	-7748.2
1414	9.3	201636.9	-7611.4	1504	8.0	210951.5	-7601.5	1594	10.0	232616.7	-7645.1	45	8.3	10725.0	-7752.2
1415	9.8	201711.9	-7628.5	1505	9.5	210956.0	-7619.0	1595	11.0	232624.2	-7606.3	46	8.0	11642.5	-7741.3
1416	9.4	201737.5	-7640.0	1506	9.6	211003.0	-7631.0	1596	10.2	232628.7	-7638.1	47	8.5	12111.5	-7715.9
1417	9.7	201920.0	-7606.4	1507	10.0	211129.0	-7642.1	1597	11.1	232717.7	-7632.4	48	10.7	12123.6	-7721.0
1418	9.8	201932.0	-7613.6	1508	10.3	211205.5	-7607.6	1598	11.1	232749.7	-7613.4	49	10.7	12132.1	-7716.4
1419	9.6	201947.0	-7627.2	1509	9.2	211436.5	-7636.0	1599	9.8	232822.7	-7641.3	50	9.5	12446.5	-7753.9
1420	9.2	202047.0	-7639.6	1510	10.3	211436.5	-7629.2	1600	9.4	232909.1	-7631.4	51	9.2	12656.5	-7756.7
1421	9.4	202100.5	-7617.0	1511	10.3	211444.5	-7612.8	1601	9.8	232929.2	-7646.2	52	8.4	12930.8	-7718.3
1422	9.8	202119.0	-7654.0	1512	8.8	211512.0	-7632.6	1602	10.2	232941.2	-7610.4	53	9.6	12957.3	-7717.8
1423	9.2	202152.5	-7617.6	1513	9.9	211515.5	-7635.0	1603	10.0	233131.7	-7656.4	54	8.6	13010.6	-7733.3
1424	8.8	202203.0	-7604.0	1514	10.3	211552.0	-7638.2	1604	10.8	233156.7	-7612.3	55	9.8	13056.3	-7734.8
1425	9.8	202211.5	-7609.2	1515	10.0	211659.0	-7628.6	1605	8.8	233200.4	-7655.4	56	10.0	13106.1	-7727.9
1426	9.3	202315.0	-7636.2	1516	9.0	211708.5	-7608.9	1606	9.2	233218.6	-7648.2	57	10.2	13346.1	-7716.0
1427	9.8	202322.0	-7649.6	1517	9.8	211741.5	-7632.9	1607	11.1	233241.2	-7639.7	58	9.4	13455.7	-7700.6
1428	9.8	202409.0	-7638.2	1518	10.2	212011.0	-7618.0	1608	11.1	233350.4	-7642.7	59	10.7	13527.6	-7727.7
1429	9.7	202510.8	-7615.2	1519	10.3	212020.0	-7627.8	1609	9.0	233620.2	-7615.3	60	9.8	13713.5	-7726.6
1430	9.3	202521.5	-7625.0	1520	10.3	212057.0	-7627.3	1610	11.1	233626.9	-7614.5	61	9.4	13715.1	-7707.9
1431	8.8	202544.5	-7633.0	1521	10.3	212144.0	-7602.1	1611	10.0	233800.4	-7643.8	62	10.2	14245.6	-7722.9
1432	9.3	202548.5	-7601.4	1522	10.3	212218.0	-7613.4	1612	10.6	233921.4	-7646.2	63	10.9	14337.6	-7715.6
1433	9.3	202628.1	-7645.2	1523	10.3	212228.0	-7624.5	1613	11.0	233935.4	-7628.2	64	7.1	14437.5	-7758.9
1434	7.0	202632.1	-7636.8	1524	9.5	212244.8	-7633.5	1614	9.8	234009.9	-7610.6	65	9.4	14545.3	-7734.9
1435	9.8	202713.0	-7630.0	1525	10.3	212445.5	-7656.7	1615	9.8	234022.9	-7645.5	66	10.8	14553.5	-7721.8
1436	8.0	202733.8	-7658.8	1526	10.2	212529.5	-7619.8	1616	10.6	234025.9	-7630.4	67	10.9	14633.0	-7702.6
1437	9.2	202930.3	-7601.8	1527	10.3	212714.0	-7653.3	1617	11.0	234057.4	-7611.6	68	8.6	14645.0	-7724.0
1438	9.8	203007.8	-7621.6	1528	9.9	212925.5	-7649.9	1618	10.0	234458.8	-7603.5	69	9.2	14735.0	-7703.0
1439	9.7	203014.8	-7608.0	1529	10.3	213016.0	-7633.8	1619	10.2	234649.3	-7618.9	70	10.6	14818.5	-7707.6
1440	9.8	203122.3	-7635.1	1530	10.0	213026.5	-7654.2	1620	9.6	234650.3	-7645.0	71	10.2	14840.0	-7728.9
1441	10.3	203140.0	-7621.5	1531	9.2	213114.2	-7602.8	1621	9.8	234652.8	-7609.7	72	9.2	15036.0	-7737.6
1442	9.5	203151.5	-7621.4	1532	9.9	213150.0	-7646.8	1622	11.1	234712.8	-7637.7	73	10.7	15124.5	-7711.5
1443	9.8	203152.0	-7630.2	1533	9.9	213458.5	-7603.8	1623	10.0	234718.3	-7602.7	74	10.6	15356.5	-7707.5
1444	9.4	203308.3	-7622.7	1534	10.3	213517.5	-7639.0	1624	8.4	234736.3	-7651.7	75	8.6	15403.0	-7751.4
1445	9.8	203429.0	-7642.2	1535	10.0	213538.5	-7616.8	1625	11.1	234800.7	-7632.1	76	10.9	15410.1	-7700.2
1446	8.1	203442.5	-7617.0	1536	10.3	213710.5	-7647.6	1626	9.4	234823.2	-7612.7	77	9.4	15501.5	-7738.6
1447	8.8	203507.5	-7621.7	1537	9.0	213736.2	-7654.5	1627	9.8	234940.7	-7616.4	78	10.9	15540.6	-7724.9
1448	9.4	203638.6	-7605.7	1538	9.2	213807.0	-7646.9	1628	10.4	235048.7	-7622.2	79	10.9	15603.1	-7727.1
1449	10.2	203649.8	-7658.2	1539	9.6	214132.0	-7651.0	1629	10.6	235049.7	-7632.4	80	9.2	15732.0	-7748.6
1450	10.3	203655.3	-7623.4	1540	7.3	214432.0	-7648.0	1630	10.8	235105.7	-7622.2	81	9.2	15844.0	-7740.2
1451	10.0	203748.7	-7641.7	1541	8.0	214958.0	-7616.4	1631	11.1	235252.7	-7631.4	82	10.9	15848.1	-7733.2
1452	10.3	203811.1	-7627.3	1542	6.0	215045.0	-7642.8	1632	10.6	235335.2	-7640.9	83	10.0	15859.1	-7730.0
1453	10.0	203815.6	-7658.4	1543	9.6	215052.0	-7603.7	1633	10.0	235347.7	-7645.9	84	10.9	20018.6	-7712.4
1454	9.7	203827.8	-7628.6	1544	9.6	215124.0	-7629.7	1634	10.4	235357.7	-7624.0	85	10.8	20057.1	-7732.9
1455	9.6	203843.4	-7604.1	1545	9.6	215252.0	-7649.4	1635	11.1	235428.0	-7624.0	86	9.8	20154.1	-7734.3
1456	9.4	204014.8	-7619.8	1546	9.6	215604.0	-7653.6	1636	10.8	235455.0	-7636.7	87	10.9	20205.1	-7710.0
1457	10.2	204030.3	-7618.4	1547	7.3	215850.0	-7629.3	1637	11.1	235507.0	-7657.5	88	10.9	20233.1	-7711.4
1458	10.3	204045.1	-7609.7	1548	9.4	215938.0	-7639.4	1638	11.1	235749.0	-7654.8	89	10.9	20241.1	-7727.2
1459	10.2	204053.6	-7614.7	1549	7.0	220001.0	-7643.6	1639	10.2	235827.5	-7603.6	90	10.4	20510.7	-7702.6
1460	10.2	204130.6	-7654.3	1550	9.6	220305.0	-7600.8	1	7.8	00100.3	-7725.5	91	9.2	20616.5	-7746.8
1461	10.0	204135.1	-7622.5	1551	8.1	220813.0	-7644.6	2	9.2	00219.3	-7717.3	92	10.2	20649.7	-7724.4
1462	10.3	204259.6	-7633.3	1552	9.6	220956.0	-7635.2	3	11.1	00430.9	-7700.6	93	9.8	20858.7	-7712.6
1463	9.2	204306.6	-7633.8	1553	9.6	221258.0	-7625.0	4	10.8	00641.2	-7702.7	94	9.6	20922.2	-7716.6
1464	8.8	204333.1	-7629.5	1554	9.6	221300.0	-7602.5	5	8.4	00736.4	-7726.1	95	7.1	21023.2	-7712.7
1465	9.8	204503.6	-7615.4	1555	9.6	221515.0	-7622.3	6	9.8	01002.1	-7707.5	96	10.0	21040.6	-7725.2
1466	9.6	204519.1	-7654.0	1556	9.6	221519.0	-7624.5	7	11.1	01227.1	-7715.5	97	10.9	21109.2	-7734.9
1467	10.3	204527.7	-7603.4	1557	9.4	221908.5	-7616.9	8	8.6	01323.5	-7734.2	98	8.8	21130.2	-7716.8
1468	9.6	204618.7	-7631.4	1558	9.6	221945.0	-7625.9	9	9.8	01323.6	-7732.2	99	9.2	21300.0	-7750.1
1469	9.4	204651.7	-7650.4	1559	9.6	222228.0	-7646.3	10	7.8	01453.5	-7755.0	100	9.0	21304.5	-7737.8
1470	10.3	205148.7	-7648.4	1560	9.6	222338.0	-7641.8	11	10.6	01455.6	-7704.7	101	9.8	21511.6	-7729.1
1471	9.4	205343.7	-7648.4	1561	9.0	222435.5	-7612.0	12	10.0	01514.1	-7731.5	102	9.0	21531.4	-7716.4
1472	7.8	205357.7	-7628.3	1562	9.6	222657.0	-7632.4	13	9.8	01609.6	-7729.4	103	10.2	21531.7	-7713.1
1473	7.2	205417.2	-7642.4	1563	9.5	223604.0	-7602.7	14	10.6	01650.7	-7733.3	104	9.5	21847.4	-7709.1
1474	9.6	205529.7	-7630.4	1564	7.1	223617.5	-7604.8	15	7.8	01757.2	-7725.1	105	8.7	21928.0	-7746.6
1475	9.7	205633.2	-7640.4	1565	9.5	224737.0	-7624.2	16	3.3	01916.5	-7757.4	106	9.4	22041.6	-7721.4

107	8.7	22142.0	-7758.9	197	9.3	52034.5	-7706.5	287	9.2	65827.0	-7742.9	377	10.0	82046.5	-7756.7
108	10.2	22358.2	-7707.4	198	8.9	52327.0	-7701.7	288	7.4	70002.0	-7736.7	378	9.9	82236.0	-7738.2
109	8.4	22535.6	-7722.1	199	9.6	52359.0	-7717.9	289	9.5	70426.7	-7717.5	379	9.7	82244.5	-7759.4
110	9.0	22630.5	-7744.0	200	10.1	52453.0	-7738.2	290	9.8	70504.0	-7722.2	380	9.7	82305.0	-7750.7
111	8.7	22908.0	-7758.5	201	9.6	52534.5	-7711.6	291	9.1	70902.5	-7755.8	381	10.2	82307.0	-7725.5
112	10.9	23039.7	-7718.7	202	9.6	52738.0	-7725.2	292	9.8	70930.0	-7715.6	382	10.1	82310.5	-7732.7
113	10.9	23201.7	-7716.6	203	9.6	52741.5	-7748.0	293	8.2	70931.7	-7744.7	383	5.8	82420.0	-7704.9
114	10.4	23205.7	-7721.5	204	9.4	53245.5	-7749.0	294	9.1	71032.5	-7758.7	384	8.2	82424.0	-7755.5
115	10.2	23233.3	-7709.0	205	9.3	53320.8	-7735.5	295	9.8	71059.0	-7703.3	385	9.5	82438.0	-7717.1
116	10.9	23342.7	-7706.4	206	9.1	53329.0	-7728.1	296	9.2	71107.5	-7752.1	386	10.2	82515.5	-7756.4
117	10.4	23458.2	-7722.2	207	9.6	53711.0	-7703.0	297	9.4	71152.5	-7729.2	387	9.9	82528.3	-7708.6
118	9.2	23541.5	-7735.6	208	9.8	53900.5	-7756.0	298	9.4	71313.0	-7742.5	388	9.5	82547.0	-7726.7
119	9.0	23630.5	-7737.7	209	9.6	54313.5	-7747.8	299	9.8	71506.0	-7709.7	389	10.1	82803.5	-7703.5
120	10.9	23751.2	-7705.1	210	9.9	54550.0	-7726.5	300	9.1	71637.0	-7711.3	390	8.2	82848.0	-7722.1
121	9.3	24156.0	-7725.7	211	10.3	54702.0	-7749.9	301	9.2	71742.0	-7734.0	391	9.7	82848.5	-7737.6
122	9.3	24215.5	-7743.4	212	9.4	54725.5	-7720.3	302	8.8	71815.5	-7732.2	392	10.2	82857.0	-7747.7
123	9.2	24221.8	-7747.8	213	9.8	54747.0	-7726.0	303	9.4	71936.2	-7720.1	393	9.7	82915.0	-7727.9
124	9.5	24627.0	-7715.7	214	9.2	54804.5	-7744.8	304	8.9	72153.5	-7706.5	394	10.3	83016.0	-7757.4
125	9.3	24847.0	-7731.8	215	9.3	54845.7	-7729.8	305	9.6	72332.5	-7729.7	395	8.7	83055.5	-7718.6
126	9.3	24951.0	-7707.6	216	9.5	55026.0	-7723.2	306	9.2	72540.0	-7736.9	396	10.2	83103.5	-7745.4
127	9.5	25239.0	-7710.0	217	10.0	55052.0	-7741.8	307	9.8	72547.0	-7702.7	397	9.7	83116.5	-7756.6
128	9.3	25239.5	-7709.3	218	9.8	55059.0	-7713.2	308	9.5	72621.0	-7722.0	398	9.7	83126.5	-7751.0
129	9.1	25721.0	-7710.4	219	9.3	55349.5	-7735.9	309	9.7	72622.0	-7737.1	399	9.8	83153.5	-7741.5
130	8.7	30656.0	-7758.3	220	8.9	55407.7	-7724.1	310	9.2	72738.5	-7740.2	400	10.0	83158.5	-7731.4
131	7.8	30711.0	-7738.6	221	9.8	55701.0	-7712.5	311	9.4	72747.2	-7741.3	401	9.8	83204.5	-7744.3
132	9.1	30907.0	-7714.2	222	9.9	60019.0	-7710.7	312	9.8	72828.0	-7727.1	402	9.6	83208.0	-7721.9
133	8.8	31554.5	-7729.4	223	9.8	60027.0	-7723.1	313	9.0	73020.0	-7711.3	403	10.1	83221.5	-7751.8
134	5.8	31907.5	-7750.6	224	9.6	60202.5	-7753.8	314	9.8	73227.3	-7700.1	404	9.4	83321.7	-7730.9
135	6.9	32738.5	-7710.7	225	9.2	60223.5	-7751.0	315	9.7	73318.5	-7757.0	405	9.1	83352.0	-7731.7
136	9.4	32900.0	-7702.9	226	9.4	60226.5	-7710.7	316	9.1	73338.0	-7716.5	406	10.2	83403.5	-7721.2
137	9.4	33518.0	-7731.1	227	9.3	60229.0	-7713.6	317	8.4	73427.3	-7733.7	407	9.7	83422.5	-7742.6
138	9.0	33612.0	-7749.1	228	9.8	60459.0	-7701.1	318	9.8	73621.0	-7734.7	408	10.2	83430.5	-7722.1
139	9.7	33657.0	-7720.6	229	9.3	60507.0	-7715.9	319	8.0	73757.5	-7748.3	409	10.2	83450.0	-7754.8
140	9.0	33724.5	-7758.4	230	9.4	60507.0	-7735.8	320	9.4	73903.0	-7740.2	410	9.0	83502.0	-7720.7
141	8.6	33733.6	-7717.3	231	9.9	60521.0	-7707.9	321	8.1	74104.5	-7720.6	411	10.2	83542.5	-7752.5
142	8.9	34006.0	-7731.3	232	9.4	60547.5	-7727.5	322	9.8	74201.0	-7729.3	412	10.2	83554.5	-7741.8
143	8.8	34029.5	-7729.5	233	9.3	60749.5	-7742.4	323	9.1	74404.5	-7734.4	413	9.6	83556.5	-7758.3
144	9.8	34350.0	-7720.0	234	8.4	60914.5	-7715.5	324	9.1	74456.0	-7758.6	414	9.8	83705.5	-7742.8
145	9.2	34427.0	-7736.8	235	9.9	61024.0	-7702.5	325	9.5	74513.5	-7732.6	415	10.1	83739.0	-7748.3
146	9.4	34708.5	-7742.3	236	9.4	61237.5	-7729.5	326	8.6	74534.0	-7739.2	416	9.6	83835.5	-7753.8
147	9.2	34737.0	-7753.6	237	9.6	61253.0	-7727.9	327	9.9	74642.0	-7725.9	417	10.3	83908.5	-7713.4
148	9.4	34759.0	-7750.7	238	9.0	61300.5	-7755.6	328	9.8	74922.0	-7705.1	418	10.2	83925.0	-7735.8
149	9.8	34957.8	-7722.4	239	9.6	61359.0	-7736.0	329	9.5	74947.0	-7737.2	419	10.1	83949.0	-7736.6
150	7.7	35012.0	-7705.8	240	9.5	61419.0	-7722.2	330	8.3	75053.5	-7751.1	420	10.1	84045.0	-7743.2
151	9.8	35106.0	-7746.0	241	9.7	61442.5	-7737.1	331	9.1	75144.5	-7719.0	421	9.4	84048.3	-7710.0
152	9.2	35106.5	-7743.7	242	9.9	61534.0	-7753.0	332	9.4	75231.0	-7747.0	422	9.2	84100.0	-7704.3
153	9.0	35253.0	-7742.7	243	7.0	61608.8	-7703.9	333	9.8	75554.0	-7749.7	423	9.0	84207.0	-7709.7
154	9.2	40133.3	-7710.9	244	9.4	61619.5	-7725.7	334	8.8	75648.5	-7743.7	424	10.2	84312.0	-7744.6
155	9.4	40135.0	-7718.8	245	9.4	61633.0	-7730.4	335	9.4	75811.5	-7719.8	425	10.3	84342.5	-7705.1
156	9.7	40255.3	-7713.7	246	9.3	61722.0	-7727.7	336	9.4	75930.5	-7705.0	426	9.7	84352.8	-7712.5
157	9.3	40554.0	-7753.3	247	8.8	61728.0	-7728.0	337	8.8	75952.5	-7757.6	427	10.2	84411.5	-7713.8
158	9.8	40812.0	-7705.5	248	8.8	61742.0	-7718.8	338	9.4	80131.0	-7748.2	428	10.1	84416.0	-7732.9
159	9.4	41203.0	-7753.4	249	9.8	61905.0	-7714.4	339	9.9	80508.0	-7729.8	429	9.4	84427.0	-7722.6
160	9.4	41312.3	-7704.3	250	8.1	62050.5	-7700.0	340	9.9	80514.0	-7718.2	430	10.3	84455.0	-7757.9
161	8.5	41344.0	-7722.1	251	8.8	62242.0	-7702.7	341	9.4	80546.0	-7753.9	431	9.7	84542.0	-7706.4
162	9.7	41905.0	-7753.9	252	9.8	62318.0	-7750.2	342	9.4	80654.5	-7711.7	432	9.7	84545.0	-7703.0
163	9.9	42021.5	-7702.7	253	8.8	62455.0	-7715.8	343	9.5	80657.0	-7756.9	433	9.9	84546.0	-7745.9
164	9.4	42207.0	-7727.9	254	9.6	62618.0	-7716.8	344	9.5	80904.0	-7745.4	434	10.0	84605.5	-7717.9
165	9.7	42247.5	-7746.8	255	9.6	62640.0	-7714.8	345	9.9	80916.3	-7708.1	435	10.3	84612.0	-7739.8
166	9.8	42317.0	-7748.8	256	9.6	62715.0	-7717.1	346	9.6	81005.0	-7757.5	436	10.0	84716.0	-7737.5
167	9.2	42326.0	-7720.8	257	9.3	62946.5	-7722.3	347	10.0	81020.5	-7725.5	437	9.7	84854.3	-7727.7
168	9.5	42408.0	-7738.3	258	7.1	63400.5	-7711.9	348	9.9	81030.5	-7740.7	438	10.2	84913.0	-7729.0
169	9.3	42651.5	-7714.1	259	9.7	63416.0	-7752.3	349	9.8	81100.0	-7706.3	439	10.1	84941.5	-7722.4
170	9.7	42803.0	-7700.0	260	9.5	63508.0	-7722.0	350	8.7	81138.0	-7708.9	440	9.7	85017.8	-7707.7
171	9.7	42817.0	-7700.0	261	9.7	63532.0	-7754.6	351	9.6	81210.5	-7717.4	441	9.7	85043.0	-7710.7
172	7.5	43024.0	-7757.5	262	9.0	63603.0	-7705.6	352	9.8	81307.5	-7715.8	442	10.3	85126.5	-7717.0
173	9.2	43137.5	-7700.1	263	9.3	63623.0	-7731.5	353	9.5	81322.0	-7712.1	443	9.7	85146.0	-7707.0
174	9.0	43732.0	-7743.8	264	9.8	63727.0	-7730.5	354	10.2	81339.0	-7717.0	444	9.6	85147.3	-7703.7
175	9.1	43945.0	-7706.2	265	10.0	63851.0	-7753.6	355	10.0	81343.5	-7726.4	445	9.6	85154.8	-7707.8
176	9.5	43951.0	-7705.7	266	9.4	63917.0	-7729.1	356	9.7	81405.5	-7753.8	446	9.3	85202.0	-7735.7
177	9.4	44013.0	-7718.9	267	9.5	63925.0	-7740.0	357	9.8	81423.5	-7719.3	447	9.7	85219.3	-7715.4
178	9.1	44051.0	-7735.9	268	9.8	63926.0	-7719.1	358	9.1	81450.5	-7738.6	448	10.1	85230.0	-7736.2
179	9.1	44132.0	-7707.6	269	9.2	63955.5	-7700.5	359	9.6	81507.0	-7759.4	449	8.8	85244.0	-7739.5
180	9.0	44259.0	-7719.2	270	7.5	64010.0	-7734.4	360	9.9	81518.8	-7723.2	450	9.7	85305.0	-7725.4
181	7.0	44403.5	-7753.4	271	9.1	64307.5	-7733.6	361	9.9	81528.0	-7733.6	451	9.2	85343.0	-7734.3
182	9.7	44518.0	-7719.6	272	9.1	64338.5	-7725.0	362	9.9	81541.2	-7707.5	452	10.0	85354.0	-7755.9
183	9.7	44728.5	-7747.0	273	9.6	64449.0	-7720.2	363	9.8	81543.5	-7752.5	453	9.9	85354.0	-7746.6
184	9.5	44806.5	-7747.0	274	9.6	64545.0	-7727.2	364	8.9	81555.5	-7746.1	454	9.7	85357.3	-7713.7
185	9.4	44815.0	-7713.9	275	8.9	64647.5	-7726.7	365	9.8	81606.5	-7753.8	455	10.2	85400.5	-7710.1
186	9.8	44958.0	-7754.4	276	10.0	64737.0	-7758.1	366	9.9	81626.0	-7715.2	456	10.3	85406.0	-7745.7
187	9.5	45012.5	-7747.7	277	10.0	64759.0	-7754.6	367	9.5	81646.0	-7731.8	457	10.0	85435.5	-7711.0
188	8.5	45120.0	-7714.2	278	9.8	64807.5	-7735.0	368	9.6	81707.0	-7737.9	458	9.8	85544.7	-7731.5
189	9.3	45419.0	-7712.9	279	9.7	64811.0	-7750.2	369	9.7	81828.5	-7757.5	459	9.5	85639.0	-7729.7
190	8.9	45740.0	-7714.2	280	8.8	64959.5	-7706.4	370	9.2	81904.0	-7702.9	460	7.8	85724.0	-7707.4
191	9.7	51228.0	-7728.9	281	9.4	65005.5	-7737.4	371	10.3	81906.5	-7723.7	461	9.6	85755.8	-7718.0
192	7.5	51228.5	-7742.4	282	9.8	65101.0	-7705.2	372	10.2	81930.5	-7703.2	462	9.6	85825.5	-7730.4
193	9.7	51324.0	-7755.8	283	9.8	65233.0	-7730.1	373	9.8	82001.0	-7726.0	463	10.3	85826.0	-7751.6
194	9.2	51329.0	-7710.7	284	8.8	65602.5	-7756.0	374	9.8	82004.0	-7723.5	464	10.3	90014.5	-7726.1
195	10.2	51514.0	-7735.1	285	9.1	65608.0	-7717.2	375	10.0	82033.5	-7707.4	465	9.7	90046.3	-7705.5
196	8.4	51608.5	-7721.4	286	7.5	65701.5	-7730.8	376	9.8	82039.5	-7715.4	466	10.2	90049.0	-7734.7

-77 467 9h01m

-77 826 12h19m

467	9.8	90121.5	-7726.6	557	9.2	95017.0	-7722.5	647	9.5	105024.0	-7751.9
468	10.3	90202.5	-7723.0	558	9.7	95152.0	-7758.6	648	9.7	110030.0	-7705.9
469	9.3	90208.0	-7736.0	559	9.4	95203.5	-7728.2	649	9.8	110249.0	-7728.8
470	9.3	90242.0	-7754.6	560	9.6	95244.0	-7713.0	650	9.7	110344.0	-7756.7
471	10.3	90300.5	-7707.2	561	9.2	95301.0	-7703.7	651	8.3	110542.5	-7706.9
472	10.3	90310.0	-7750.2	562	9.8	95310.0	-7704.0	652	9.5	110649.5	-7736.2
473	9.5	90414.0	-7759.2	563	9.2	95312.0	-7712.7	653	9.5	110737.0	-7743.6
474	10.3	90416.0	-7750.8	564	9.5	95335.0	-7741.3	654	9.1	111015.0	-7737.8
475	10.0	90454.5	-7746.1	565	9.1	95340.0	-7715.7	655	9.6	111135.5	-7740.4
476	10.2	90458.0	-7725.8	566	9.1	95343.0	-7702.3	656	9.5	111239.5	-7745.0
477	10.0	90507.0	-7735.6	567	9.5	95420.0	-7726.9	657	10.0	111243.9	-7744.4
478	10.2	90531.0	-7705.4	568	9.7	95428.0	-7706.6	658	9.6	111541.0	-7737.5
479	10.0	90723.0	-7728.7	569	9.9	95453.0	-7746.0	659	9.5	111605.0	-7737.2
480	9.5	90801.5	-7753.7	570	8.9	95457.0	-7718.4	660	9.9	111619.0	-7747.5
481	9.8	90819.0	-7739.5	571	9.8	95542.0	-7738.4	661	9.9	111728.0	-7708.9
482	10.0	90838.0	-7732.7	572	9.9	95603.0	-7729.2	662	9.5	111831.0	-7739.4
483	10.2	90956.0	-7745.3	573	9.4	95652.3	-7708.9	663	10.2	112006.0	-7710.0
484	9.7	90958.5	-7708.7	574	9.7	95703.0	-7709.9	664	9.9	112009.0	-7711.7
485	9.1	91107.5	-7748.9	575	9.4	95759.7	-7721.2	665	9.5	112011.5	-7709.6
486	10.3	91115.3	-7751.5	576	9.4	95830.0	-7740.9	666	9.9	112050.0	-7748.6
487	9.0	91202.5	-7700.0	577	9.8	95844.0	-7725.4	667	8.8	112055.3	-7700.9
488	10.1	91406.0	-7734.1	578	9.7	95913.0	-7733.1	668	9.6	112058.5	-7714.4
489	10.1	91418.5	-7714.0	579	9.6	95938.0	-7751.7	669	10.2	112129.0	-7716.4
490	8.3	91537.5	-7742.4	580	9.9	95938.0	-7705.2	670	10.3	112139.0	-7724.4
491	9.4	91614.0	-7749.1	581	9.9	100112.0	-7730.7	671	9.4	112155.5	-7725.8
492	10.0	91621.5	-7718.9	582	9.9	100406.0	-7716.7	672	10.0	112210.0	-7736.3
493	9.7	91703.7	-7709.4	583	9.7	100445.0	-7715.4	673	10.0	112219.0	-7738.2
494	9.4	91719.0	-7735.5	584	9.5	100448.0	-7742.7	674	10.0	112235.0	-7705.7
495	10.0	91808.0	-7756.5	585	9.2	100513.0	-7753.2	675	8.3	112255.5	-7750.1
496	9.7	91823.5	-7729.4	586	9.6	100615.0	-7752.9	676	10.2	112303.0	-7741.3
497	10.0	91834.5	-7723.7	587	9.4	100657.0	-7705.5	677	10.0	112321.0	-7713.3
498	9.7	91856.0	-7712.2	588	9.4	100747.0	-7740.6	678	9.8	112414.0	-7737.1
499	9.0	91918.0	-7706.9	589	9.1	100818.0	-7756.7	679	10.2	112419.0	-7747.1
500	10.3	91919.0	-7753.9	590	9.7	100947.0	-7757.1	680	10.0	112450.0	-7759.5
501	10.1	91941.0	-7735.5	591	9.9	100956.0	-7724.7	681	9.3	112458.0	-7704.9
502	8.2	92004.0	-7753.8	592	9.7	101027.0	-7727.8	682	9.5	112609.0	-7722.8
503	8.0	92103.0	-7706.8	593	9.4	101132.7	-7705.0	683	9.4	112704.8	-7701.2
504	9.5	92137.5	-7709.3	594	9.5	101144.0	-7742.8	684	10.2	112714.0	-7730.1
505	10.3	92242.0	-7740.2	595	9.8	101202.0	-7759.5	685	10.2	112753.0	-7741.8
506	9.9	92503.0	-7710.0	596	9.3	101302.7	-7733.6	686	9.9	112755.0	-7727.8
507	7.4	92507.0	-7721.6	597	9.4	101339.5	-7700.0	687	9.3	112804.0	-7749.8
508	10.0	92529.0	-7728.4	598	9.6	101346.0	-7759.1	688	9.9	112813.0	-7755.7
509	9.5	92545.0	-7751.6	599	9.4	101353.4	-7701.4	689	9.5	112841.3	-7724.6
510	10.1	92549.0	-7750.5	600	8.0	101424.0	-7739.5	690	10.2	112844.0	-7721.0
511	9.6	92614.0	-7730.2	601	9.2	101458.0	-7726.8	691	10.3	112845.0	-7757.8
512	9.8	92631.5	-7730.4	602	8.8	101506.0	-7714.4	692	9.0	112917.5	-7703.1
513	10.1	92657.0	-7736.2	603	9.4	101526.0	-7749.3	693	9.8	112927.0	-7716.6
514	10.1	92711.0	-7727.5	604	9.8	101536.0	-7756.4	694	10.0	112945.0	-7743.8
515	9.5	92751.0	-7706.4	605	9.4	101842.7	-7734.6	695	9.8	113006.0	-7728.6
516	9.2	92808.5	-7708.3	606	9.2	101944.7	-7718.3	696	8.5	113024.0	-7716.7
517	10.0	92857.0	-7720.5	607	9.5	102033.0	-7747.7	697	9.3	113048.3	-7706.8
518	9.6	92857.5	-7711.9	608	9.5	102152.0	-7745.9	698	9.9	113051.0	-7721.6
519	9.3	92951.0	-7742.3	609	9.6	102402.0	-7726.7	699	9.0	113105.0	-7716.3
520	9.3	92956.3	-7742.5	610	9.4	102432.0	-7743.5	700	10.0	113112.0	-7755.0
521	9.9	93048.0	-7750.4	611	8.0	102449.0	-7757.6	701	9.0	113121.0	-7718.9
522	9.7	93115.0	-7759.7	612	9.4	102846.0	-7727.7	702	10.2	113138.0	-7726.0
523	8.7	93146.0	-7702.8	613	9.7	102913.0	-7728.8	703	9.8	113202.0	-7727.0
524	10.1	93209.0	-7729.8	614	8.5	102940.5	-7731.6	704	8.9	113225.0	-7717.3
525	10.1	93223.0	-7734.5	615	9.3	103024.5	-7704.9	705	9.9	113243.0	-7752.1
526	9.7	93233.0	-7729.3	616	9.7	103132.0	-7755.2	706	9.9	113255.0	-7708.8
527	9.7	93343.0	-7759.2	617	9.8	103135.0	-7746.2	707	9.7	113324.0	-7742.0
528	10.0	93503.0	-7731.3	618	9.3	103249.0	-7728.6	708	10.2	113334.0	-7723.1
529	9.0	93607.0	-7747.3	619	9.5	103254.0	-7755.6	709	10.3	113339.0	-7758.2
530	10.2	93641.0	-7748.4	620	9.6	103303.0	-7719.3	710	9.8	113346.0	-7736.4
531	9.8	93707.0	-7720.8	621	9.7	103332.0	-7742.3	711	9.5	113419.5	-7709.6
532	9.8	93724.0	-7709.9	622	6.8	103357.0	-7757.5	712	10.0	113422.0	-7758.6
533	9.8	93724.0	-7749.4	623	9.8	103359.0	-7759.0	713	9.3	113423.0	-7719.4
534	8.8	93739.0	-7746.9	624	9.7	103417.0	-7713.3	714	9.8	113503.0	-7750.3
535	10.3	93751.0	-7751.2	625	9.4	103504.5	-7714.2	715	9.2	113505.5	-7739.1
536	9.7	93805.0	-7741.0	626	9.7	103548.0	-7706.8	716	9.7	113526.5	-7733.9
537	10.0	93840.5	-7732.9	627	9.8	103650.0	-7719.3	717	10.2	113548.0	-7756.3
538	10.2	93932.0	-7721.3	628	9.4	103652.0	-7745.6	718	9.9	113610.0	-7728.1
539	9.7	93934.5	-7715.7	629	9.7	103702.5	-7720.9	719	9.9	113637.0	-7718.1
540	9.2	93954.1	-7701.1	630	9.6	103714.0	-7718.3	720	9.0	113642.0	-7727.5
541	9.8	94025.0	-7753.0	631	9.6	103744.0	-7710.6	721	9.9	113644.0	-7714.4
542	10.0	94038.0	-7732.1	632	9.3	103745.5	-7721.5	722	10.0	113652.0	-7731.1
543	9.8	94106.0	-7728.7	633	9.5	103759.5	-7720.8	723	10.0	113715.0	-7726.9
544	10.1	94109.0	-7710.2	634	9.8	103822.0	-7747.2	724	9.9	113718.0	-7729.1
545	10.0	94132.0	-7718.5	635	9.6	103840.0	-7703.5	725	10.2	113722.0	-7745.5
546	9.4	94205.0	-7751.1	636	9.2	103845.0	-7750.3	726	10.0	113745.0	-7754.7
547	9.8	94521.0	-7739.8	637	9.8	103922.0	-7714.9	727	8.6	113749.0	-7731.5
548	9.4	94531.0	-7744.6	638	9.2	103958.7	-7731.9	728	10.0	113759.0	-7729.5
549	9.3	94545.5	-7722.0	639	9.7	104005.0	-7707.2	729	9.9	113818.0	-7719.1
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551	9.8	94657.5	-7739.0	641	9.6	104137.0	-7732.9	731	9.1	113912.5	-7707.5
552	9.2	94800.8	-7722.3	642	9.5	104246.0	-7730.6	732	9.8	113925.0	-7749.5
553	9.2	94832.0	-7758.9	643	9.6	104407.0	-7757.9	733	9.8	113928.0	-7746.3
554	9.4	94836.0	-7708.0	644	9.7	104416.0	-7719.6	734	9.7	113929.5	-7730.5
555	9.3	94848.5	-7737.5	645	9.8	104507.0	-7744.0	735	9.6	113938.0	-7722.6
556	7.7	94948.3	-7741.8	646	9.1	104805.0	-7718.3	736	9.1	113954.0	-7755.2
737	9.9	114016.0	-7731.4								
738	9.3	114049.0	-7749.7								
739	9.8	114056.0	-7714.8								
740	10.2	114110.0	-7737.9								
741	9.9	114112.0	-7722.7								
742	10.3	114114.0	-7731.5								
743	9.2	114128.0	-7759.8								
744	9.3	114135.0	-7745.0								
745	10.0	114136.0	-7719.7								
746	8.3	114137.0	-7712.6								
747	10.2	114139.0	-7738.2								
748	8.8	114208.5	-7711.6								
749	9.0	114235.0	-7700.2								
750	10.2	114254.0	-7712.1								
751	10.2	114306.0	-7751.0								
752	9.5	114441.0	-7742.7								
753	9.1	114459.0	-7753.3								
754	8.6	114516.5	-7735.5								
755	9.5	114604.0	-7748.8								
756	9.9	114728.0	-7719.2								
757	10.0	114736.0	-7755.0								
758	10.3	114830.0	-7726.5								
759	9.8	114944.0	-7716.7								
760	10.2	115020.0	-7743.5								
761	10.2	115138.0	-7744.4								
762	9.7	115145.5	-7720.8								
763	10.3	115208.0	-7737.9								
764	10.0	115211.0	-7718.1								
765	9.9	115222.0	-7712.8								
766	7.0	115227.0	-7707.8								
767	9.8	115246.5	-7740.0								
768	8.7	115302.0	-7717.3								
769	9.7	115307.0	-7747.4								
770	9.5	115320.5	-7711.5								
771	10.2	115326.0	-7713.9								
772	5.1	115326.5	-7731.6								
773	9.0	115337.0	-7730.0								
774	6.8	115353.5	-7729.7								
775	9.0	115435.5	-7728.2								
776	10.2	115443.0	-7715.5								
777	9.8	115559.0	-7713.1								
778	9.0	115713.0	-7704.4								
779	10.3	115726.0	-7755.4								
780	9.9	115730.0	-7756.0								
781	9.4	115804.5	-7704.6								
782	10.0	115810.0	-7748.7								
783	9.7	115815.0	-7755.1								
784	10.2	115840.0	-7707.4								
785	9.3	115929.0	-7743.5								
786	9.9	115931.0	-7746.8								
787	10.0	120004.0	-7752.9								
788	10.3	120127.0	-7738.5								
789	9.9	120202.0	-7749.2								
790	9.0	120211.0	-7724.1								
791	10.2	120219.5	-7733.2								
792	9.2	120222.0	-7717.3								
793	10.0	120222.0	-7706.2								
794	9.9	120234.0	-7734.8								
795	10.1	120302.0	-7751.8								
796	10.3	120315.0	-7706.6								
797	9.8	120357.0	-7727.5								
798	9.5	120418.5	-7714.1								
799	9.9	120541.5	-7736.9								
800	9.5	120545.5	-7714.6								
801	9.9	120623.0	-7742.7								
802	9.9	120625.0	-7713.0								
803	10.0	120626.0	-7752.9								
804	7.7	120657.0	-7752.7								
805	9.4	120658.0	-7722.6								
806	9.9	120800.0	-7753.1								
807	9.4	120907.0	-7750.0								
808	9.8	120926.0	-7749.7								
809	10.0	121001.0	-7714.7								
810	9.0	121002.0	-7751.7								
811	9.5	121003.5	-7708.8								
812	9.7	121004.0	-7745.0								
813	10.0	121020.0	-7713.7								
814	10.3	121107.0	-7751.6								
815	9.3	121108.0	-7713.9								
816	9.8	121116.0	-7759.6								
817	10.0	121123.0	-7757.7								
818	10.2	121137.0	-7712.4								
819	9.4	121320.5	-7721.5								
820	9.8	121333.5	-7717.9								
821	9.8	121338.0	-7717.1								
822	9.5	121351.5	-7728.2								
823	9.9	121510.0	-7750.1								
824	8.8	121636.5	-7740.5								
825	10.2	121802.0	-7730.1								
826	9.9	121925.0	-7750.7								

827	9.9	121925.0	-7751.4	917	9.4	134217.0	-7752.9	1007	9.8	143458.9	-7722.7	1097	9.5	150859.0	-7759.6
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829	9.5	122023.0	-7707.0	919	9.3	134422.0	-7750.6	1009	9.7	143522.7	-7734.1	1099	9.5	150933.2	-7715.1
830	9.8	122035.0	-7747.4	920	8.7	134435.0	-7706.0	1010	10.0	143557.9	-7705.4	1100	9.8	150950.4	-7714.4
831	10.2	122042.0	-7720.4	921	9.5	134656.0	-7737.9	1011	9.6	143716.9	-7741.0	1101	9.4	150959.0	-7730.9
832	10.0	122105.0	-7758.9	922	6.4	134744.0	-7758.7	1012	9.3	143756.5	-7733.9	1102	9.8	151009.1	-7704.3
833	9.7	122231.0	-7741.9	923	9.1	134800.0	-7754.9	1013	9.7	143805.4	-7752.7	1103	9.7	151030.6	-7718.7
834	8.5	122241.5	-7714.6	924	8.2	134831.0	-7736.3	1014	10.0	143842.9	-7703.9	1104	9.0	151037.7	-7718.3
835	9.8	122254.0	-7754.1	925	9.6	134840.0	-7709.9	1015	9.9	143851.9	-7709.4	1105	10.0	151141.2	-7727.4
836	9.8	122323.0	-7741.6	926	9.3	134921.5	-7744.1	1016	9.3	143906.4	-7746.5	1106	8.7	151148.0	-7759.6
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838	10.0	122342.0	-7753.8	928	8.2	135103.5	-7709.0	1018	9.8	144021.5	-7708.5	1108	10.0	151241.2	-7749.8
839	9.5	122416.5	-7700.7	929	9.2	135145.5	-7736.9	1019	9.7	144052.2	-7755.7	1109	9.7	151310.0	-7732.8
840	7.6	122420.3	-7730.1	930	8.8	135436.0	-7713.8	1020	8.8	144110.4	-7702.4	1110	9.7	151333.2	-7720.2
841	10.2	122442.0	-7735.9	931	8.8	135438.5	-7738.6	1021	9.6	144110.7	-7753.5	1111	9.9	151333.2	-7712.8
842	10.2	122522.0	-7745.5	932	9.1	135501.5	-7725.6	1022	8.5	144121.4	-7707.7	1112	9.5	151335.3	-7717.0
843	9.7	122543.0	-7703.4	933	9.3	135601.5	-7708.7	1023	10.0	144146.9	-7701.9	1113	9.4	151336.3	-7754.4
844	9.2	122642.5	-7736.4	934	9.3	135715.0	-7743.0	1024	10.0	144206.9	-7703.4	1114	9.8	151353.7	-7705.9
845	10.2	122644.0	-7746.6	935	8.6	135730.5	-7716.0	1025	9.5	144238.9	-7738.1	1115	9.6	151420.6	-7756.7
846	9.2	122645.0	-7727.4	936	9.6	135817.0	-7724.8	1026	9.4	144302.6	-7745.2	1116	9.4	151457.6	-7726.0
847	10.2	122815.0	-7710.3	937	8.3	140023.5	-7739.5	1027	10.0	144309.8	-7714.5	1117	10.0	151530.2	-7710.5
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849	9.8	122828.0	-7717.5	939	9.3	140227.0	-7752.5	1029	9.4	144320.4	-7704.8	1119	9.5	151537.0	-7757.9
850	9.8	122836.0	-7746.9	940	7.8	140349.5	-7704.8	1030	8.7	144514.8	-7725.6	1120	9.6	151540.6	-7749.9
851	10.2	122911.0	-7707.0	941	8.7	140359.0	-7705.8	1031	9.7	144624.4	-7738.1	1121	9.5	151552.2	-7725.9
852	10.2	122923.0	-7757.6	942	9.6	140432.0	-7718.5	1032	10.0	144632.8	-7700.2	1122	9.3	151628.0	-7750.9
853	10.2	123004.0	-7740.0	943	9.5	140459.0	-7737.1	1033	9.9	144659.8	-7710.4	1123	8.5	151628.2	-7704.7
854	10.2	123012.0	-7745.5	944	8.4	140716.5	-7720.5	1034	9.7	144704.4	-7733.6	1124	8.9	151630.2	-7704.4
855	9.2	123103.0	-7709.5	945	9.6	140803.0	-7704.5	1035	9.6	144723.9	-7732.2	1125	9.5	151646.3	-7753.6
856	10.2	123149.0	-7739.4	946	9.2	140903.0	-7749.3	1036	9.5	144725.2	-7712.9	1126	9.5	151655.1	-7754.2
857	9.3	123151.0	-7746.4	947	9.3	141050.0	-7704.0	1037	9.4	144731.2	-7743.0	1127	9.3	151707.7	-7713.0
858	10.2	123158.0	-7718.8	948	8.9	141121.5	-7712.6	1038	9.7	144835.5	-7706.0	1128	9.3	151812.0	-7739.9
859	9.3	123200.0	-7710.1	949	9.4	141137.0	-7702.4	1039	9.4	144836.7	-7750.0	1129	10.0	151845.4	-7748.7
860	10.2	123212.0	-7748.0	950	9.5	141144.0	-7749.7	1040	9.5	144910.0	-7710.1	1130	10.0	152013.4	-7718.4
861	9.3	123218.5	-7715.7	951	9.1	141145.7	-7723.8	1041	9.8	144916.4	-7701.6	1131	9.8	152100.7	-7710.7
862	9.6	123231.0	-7743.4	952	9.5	141146.0	-7740.3	1042	7.7	144953.5	-7740.2	1132	9.5	152158.0	-7758.9
863	10.3	123255.0	-7731.2	953	8.9	141157.5	-7753.0	1043	9.7	145009.7	-7734.4	1133	7.4	152210.4	-7743.6
864	9.9	123338.0	-7747.8	954	9.6	141220.0	-7751.9	1044	9.8	145022.0	-7713.7	1134	7.2	152244.9	-7721.4
865	10.2	123351.0	-7738.8	955	9.7	141243.0	-7733.7	1045	9.7	145030.9	-7708.1	1135	9.3	152254.0	-7747.6
866	9.7	123359.0	-7702.7	956	9.3	141254.5	-7736.9	1046	9.5	145105.0	-7723.0	1136	9.5	152311.4	-7747.8
867	10.2	123514.0	-7727.4	957	9.6	141331.0	-7736.5	1047	8.8	145129.4	-7750.6	1137	9.7	152402.2	-7736.0
868	10.2	123544.0	-7734.2	958	9.5	141355.0	-7712.8	1048	9.8	145132.4	-7725.3	1138	8.4	152403.0	-7744.4
869	10.2	123629.0	-7708.5	959	9.6	141423.0	-7747.2	1049	9.2	145142.6	-7701.3	1139	10.0	152414.4	-7709.9
870	10.3	123712.0	-7730.0	960	9.4	141519.0	-7754.3	1050	10.0	145151.7	-7705.9	1140	9.5	152422.5	-7712.8
871	9.9	123715.0	-7733.1	961	8.9	141556.5	-7735.5	1051	9.6	145153.0	-7744.0	1141	9.4	152439.0	-7748.9
872	10.2	123723.0	-7717.1	962	9.5	141600.0	-7713.7	1052	9.6	145241.7	-7743.0	1142	9.8	152523.0	-7725.5
873	9.6	123729.0	-7745.3	963	8.8	141741.5	-7744.1	1053	9.7	145252.4	-7720.8	1143	9.4	152607.4	-7739.2
874	10.2	123742.0	-7715.4	964	9.2	141818.0	-7743.9	1054	9.4	145338.4	-7707.4	1144	9.7	152658.5	-7706.3
875	9.0	123758.5	-7753.5	965	9.5	141840.0	-7704.0	1055	9.8	145353.7	-7709.9	1145	9.3	152742.9	-7738.3
876	9.8	124238.0	-7735.4	966	9.4	141857.5	-7724.3	1056	9.8	145438.9	-7705.7	1146	10.0	152914.9	-7709.3
877	9.2	124305.5	-7714.0	967	9.4	141917.0	-7725.2	1057	9.7	145455.0	-7750.5	1147	9.6	152942.8	-7715.9
878	9.6	124336.5	-7728.2	968	9.6	141957.0	-7737.5	1058	10.0	145522.9	-7702.7	1148	10.0	152947.5	-7747.8
879	9.9	124430.0	-7744.0	969	9.6	142039.0	-7704.2	1059	9.5	145535.9	-7726.1	1149	8.6	152958.7	-7701.9
880	8.8	124503.0	-7721.4	970	9.5	142054.0	-7734.6	1060	9.4	145610.4	-7718.5	1150	9.9	153019.0	-7714.1
881	9.8	124633.0	-7750.6	971	9.6	142103.0	-7720.0	1061	10.0	145653.3	-7751.9	1151	9.1	153020.8	-7733.6
882	10.0	124807.0	-7748.0	972	9.5	142213.0	-7710.0	1062	9.6	145702.6	-7733.4	1152	9.6	153048.5	-7735.6
883	10.0	124837.0	-7740.2	973	8.9	142230.3	-7745.9	1063	10.0	145712.3	-7716.5	1153	7.8	153102.5	-7703.5
884	9.9	124942.0	-7707.6	974	9.4	142304.5	-7729.9	1064	9.4	145717.8	-7720.9	1154	9.5	153152.5	-7724.3
985	10.0	125054.0	-7711.5	975	9.4	142329.0	-7704.0	1065	9.4	145753.1	-7724.1	1155	10.0	153154.5	-7703.6
836	8.4	125710.0	-7712.0	976	9.9	142336.7	-7728.0	1066	8.9	145858.8	-7713.8	1156	9.5	153209.7	-7747.9
687	6.9	125820.0	-7746.6	977	9.5	142340.2	-7726.3	1067	9.8	145907.3	-7718.0	1157	10.0	153214.5	-7702.7
888	9.1	125944.0	-7739.7	978	9.8	142405.0	-7711.1	1068	9.4	145939.0	-7734.5	1158	9.7	153228.2	-7739.8
889	9.3	130323.0	-7711.1	979	9.2	142414.7	-7727.6	1069	9.5	145942.1	-7742.8	1159	10.0	153319.0	-7732.8
890	7.5	130357.5	-7747.0	980	10.0	142431.2	-7721.7	1070	9.4	145953.7	-7745.8	1160	9.4	153321.0	-7740.7
891	9.4	130420.5	-7730.1	981	8.6	142438.0	-7704.1	1071	8.4	145954.4	-7713.3	1161	10.0	153327.0	-7703.2
892	8.6	130952.0	-7718.0	982	9.5	142442.1	-7747.4	1072	9.9	150018.2	-7714.1	1162	9.7	153350.8	-7719.9
893	8.8	131046.0	-7728.2	983	10.0	142445.7	-7720.6	1073	9.7	150020.0	-7733.7	1163	10.0	153436.0	-7700.9
894	9.5	131117.0	-7713.1	984	9.6	142534.3	-7751.9	1074	9.8	150059.7	-7708.8	1164	9.8	153520.9	-7700.6
895	8.9	131120.0	-7731.1	985	9.8	142541.7	-7733.6	1075	9.7	150148.6	-7750.2	1165	9.5	153548.0	-7732.6
896	8.4	131428.0	-7724.0	986	9.0	142601.1	-7724.5	1076	8.6	150214.3	-7723.9	1166	10.0	153615.0	-7710.4
897	9.4	131545.5	-7704.8	987	9.8	142624.8	-7709.2	1077	10.0	150217.8	-7722.2	1167	9.9	153634.5	-7729.3
898	9.0	131954.0	-7724.6	988	9.8	142710.6	-7729.7	1078	8.7	150221.8	-7720.6	1168	7.7	153636.1	-7746.3
899	9.5	132214.0	-7716.9	989	10.0	142721.6	-7700.8	1079	10.0	150222.8	-7715.8	1169	9.6	153659.0	-7752.9
900	8.8	132259.5	-7713.0	990	9.5	142832.0	-7757.1	1080	9.6	150222.8	-7700.6	1170	8.0	153831.5	-7720.9
901	9.0	132303.0	-7723.8	991	9.6	142833.5	-7741.3	1081	9.8	150257.4	-7714.3	1171	9.5	153840.0	-7717.6
902	9.5	132311.8	-7712.2	992	8.2	142901.1	-7709.5	1082	9.6	150352.4	-7744.8	1172	9.4	153900.5	-7719.0
903	9.4	132720.0	-7717.2	993	9.2	142918.5	-7720.0	1083	9.7	150400.8	-7702.8	1173	9.3	153906.5	-7749.9
904	9.0	132758.0	-7706.8	994	9.5	142950.1	-7708.3	1084	9.6	150407.4	-7715.1	1174	9.5	153926.0	-7707.3
905	9.2	132841.0	-7744.4	995	9.5	143000.0	-7740.3	1085	8.8	150419.7	-7719.5	1175	8.3	153932.5	-7745.7
906	9.4	132856.0	-7704.9	996	8.7	143008.5	-7746.3	1086	9.6	150422.6	-7737.8	1176	8.3	154028.0	-7725.9
907	9.2	133139.5	-7713.7	997	8.4	143015.6	-7711.8	1087	9.4	150509.9	-7733.1	1177	9.6	154046.0	-7712.3
908	9.4	133333.0	-7709.9	998	9.5	143042.3	-7750.0	1088	8.5	150539.7	-7703.3	1178	9.4	154054.0	-7734.7
909	8.3	133617.5	-7718.0	999	8.8	143119.6	-7713.9	1089	9.3	150623.0	-7758.2	1179	9.3	154123.5	-7709.4
910	8.5	133627.3	-7701.8	1000	9.8	143130.6	-7700.3	1090	9.5	150637.0	-7700.8	1180	9.5	154217.0	-7740.7
911	9.5	133758.0	-7715.9	1001	10.0	143251.1	-7712.6	1091	8.4	150657.4	-7714.7	1181	7.2	154234.0	-7739.2
912	9.1	133912.0	-7714.5	1002	10.0	143351.6	-7704.6	1092	8.2	150717.2	-7704.3	1182	9.4	154251.0	-7745.4
913	9.1	133923.0	-7743.6	1003	9.4	143413.7	-7748.7	1093	9.4	150730.6	-7750.7	1183	9.1	154303.0	-7759.9
914	9.4	133942.0	-7735.6	1004	9.5	143428.8	-7716.3	1094	9.5	150815.0	-7733.4	1184	9.5	154335.0	-7709.6
915	9.3	134058.5	-7732.7	1005	9.3	143442.0	-7722.1	1095	9.6	150840.6	-7747.8	1185	9.6	154406.0	-7751.5
916	9.0	134124.0	-7747.3	1006	9.5	143455.9	-7712.1	1096	9.8	150856.9	-7726.8	1186	9.2	154409.0	-7757.1

1187	9.4	154420.0	-7722.7	1277	7.5	174004.0	-7747.7	1367	9.6	191740.5	-7743.3	1457	9.0	203224.6	-7751.1
1188	9.7	154431.0	-7706.0	1278	9.6	174006.0	-7732.3	1368	9.0	192129.1	-7727.4	1458	9.8	203303.7	-7710.2
1189	9.7	154503.0	-7758.8	1279	9.4	174042.0	-7745.0	1369	9.4	192211.0	-7737.3	1459	9.6	203313.5	-7748.1
1190	9.7	154511.0	-7757.6	1280	9.1	174110.0	-7716.8	1370	8.1	192335.5	-7750.8	1460	9.2	203420.5	-7717.4
1191	9.4	154518.0	-7731.9	1281	8.8	174124.5	-7703.6	1371	10.2	192404.5	-7727.9	1461	9.6	203547.6	-7739.5
1192	8.5	154527.0	-7706.8	1282	9.4	174211.0	-7718.4	1372	9.8	192548.6	-7749.6	1462	9.6	203616.6	-7748.5
1193	9.1	154536.0	-7742.5	1283	8.6	174452.5	-7715.0	1373	9.6	192647.9	-7713.5	1463	9.3	203729.5	-7726.8
1194	9.4	154542.0	-7744.7	1284	9.0	174834.0	-7729.9	1374	9.6	192651.5	-7732.1	1464	9.8	203814.7	-7730.2
1195	9.4	154626.0	-7728.0	1285	9.4	175246.0	-7754.3	1375	9.6	192757.7	-7716.9	1465	9.5	203907.9	-7713.9
1196	9.1	154701.2	-7707.5	1286	8.6	175343.5	-7718.5	1376	10.0	192821.3	-7729.7	1466	10.0	204108.4	-7709.0
1197	8.9	154807.2	-7728.4	1287	9.0	175628.3	-7732.9	1377	9.6	192847.9	-7727.2	1467	10.0	204110.5	-7741.7
1198	9.3	155007.0	-7721.6	1288	9.6	175656.0	-7724.9	1378	7.9	192858.5	-7722.4	1468	10.3	204442.0	-7700.5
1199	9.3	155007.0	-7704.3	1289	7.5	175702.0	-7705.7	1379	9.4	192950.6	-7734.6	1469	10.3	204537.4	-7722.3
1200	8.8	155208.0	-7707.2	1290	9.6	175936.5	-7702.8	1380	9.6	193049.2	-7754.4	1470	9.6	204559.2	-7740.4
1201	9.3	155336.0	-7721.8	1291	9.6	180027.2	-7702.6	1381	9.4	193056.5	-7751.8	1471	9.4	204602.5	-7757.0
1202	8.4	155838.0	-7748.3	1292	9.1	180106.0	-7742.4	1382	9.7	193143.4	-7704.7	1472	10.3	204639.4	-7714.1
1203	9.3	160105.0	-7730.9	1293	9.6	180116.0	-7732.2	1383	7.4	193146.1	-7712.2	1473	10.3	204905.4	-7713.9
1204	9.3	160218.0	-7702.0	1294	9.2	180353.0	-7752.7	1384	9.2	193233.0	-7746.0	1474	6.6	204929.7	-7729.8
1205	9.1	160343.5	-7723.0	1295	9.0	180521.0	-7758.5	1385	9.0	193552.9	-7709.1	1475	8.6	205038.7	-7752.1
1206	9.1	160641.0	-7702.8	1296	9.3	180837.0	-7756.4	1386	9.6	193648.8	-7712.0	1476	9.6	205200.0	-7753.8
1207	9.1	160643.0	-7750.5	1297	9.1	180943.0	-7718.9	1387	9.6	193725.7	-7742.8	1477	10.0	205259.5	-7745.5
1208	8.6	160650.3	-7709.3	1298	7.8	180946.0	-7725.2	1388	9.8	193824.4	-7706.5	1478	9.7	205335.0	-7742.6
1209	9.3	160810.0	-7747.2	1299	9.3	181413.0	-7745.3	1389	8.9	193834.3	-7713.0	1479	10.2	205412.0	-7747.0
1210	9.3	160926.0	-7704.9	1300	9.6	181416.5	-7709.8	1390	9.4	193837.7	-7746.1	1480	9.6	205557.0	-7743.4
1211	9.1	161035.0	-7705.0	1301	9.3	181800.0	-7724.0	1391	9.1	193852.7	-7752.5	1481	9.2	205700.0	-7738.3
1212	9.3	161108.0	-7720.2	1302	10.2	181940.6	-7741.6	1392	9.3	193902.8	-7719.5	1482	10.2	205731.5	-7743.8
1213	9.4	161226.0	-7745.9	1303	9.6	182008.6	-7701.1	1393	9.2	193945.4	-7713.6	1483	9.0	205732.0	-7726.1
1214	9.6	161606.5	-7757.7	1304	10.2	182118.1	-7728.4	1394	9.4	194018.8	-7707.1	1484	9.3	205940.9	-7742.6
1215	9.3	161638.5	-7716.5	1305	9.3	182202.0	-7748.6	1395	8.0	194042.0	-7737.3	1485	9.2	205955.9	-7720.8
1216	9.3	161820.0	-7728.0	1306	10.2	182239.6	-7705.3	1396	9.6	194058.3	-7701.7	1486	9.4	210254.7	-7722.0
1217	7.4	161859.7	-7704.2	1307	9.6	182303.5	-7715.5	1397	9.4	194156.7	-7749.5	1487	9.6	210400.4	-7741.8
1218	9.6	162043.5	-7732.7	1308	8.6	182550.6	-7722.8	1398	9.2	194321.0	-7751.3	1488	10.3	210408.4	-7713.2
1219	8.0	162431.0	-7717.5	1309	9.7	182552.3	-7747.8	1399	8.5	194339.2	-7745.8	1489	9.5	210525.5	-7718.6
1220	9.1	162456.0	-7712.5	1310	9.6	182625.3	-7707.0	1400	9.7	194405.6	-7736.1	1490	8.4	210632.2	-7746.8
1221	6.4	162514.5	-7715.0	1311	9.9	182626.6	-7718.1	1401	9.6	194551.3	-7706.0	1491	10.3	210904.5	-7703.9
1222	9.3	162845.0	-7711.1	1312	9.6	182705.8	-7715.5	1402	9.3	194652.4	-7754.9	1492	9.6	210938.0	-7716.8
1223	9.3	163348.3	-7722.9	1313	10.0	182801.6	-7747.7	1403	9.8	194748.8	-7707.4	1493	9.6	211024.5	-7735.2
1224	9.0	163420.0	-7742.7	1314	7.0	182835.0	-7759.3	1404	9.3	194917.2	-7740.8	1494	7.8	211056.5	-7703.3
1225	9.3	163424.7	-7731.9	1315	9.0	182835.5	-7735.2	1405	9.8	194939.4	-7739.8	1495	9.4	211243.0	-7734.1
1226	9.3	163434.0	-7711.9	1316	10.0	182943.1	-7734.7	1406	8.4	195123.4	-7726.3	1496	10.3	211409.5	-7716.2
1227	8.5	163446.0	-7747.8	1317	9.7	182946.3	-7753.8	1407	9.8	195224.9	-7701.4	1497	9.7	211643.0	-7704.7
1228	9.2	163913.0	-7723.0	1318	10.0	183015.1	-7706.5	1408	9.3	195257.9	-7729.7	1498	10.3	211712.0	-7705.1
1229	9.0	164017.0	-7715.6	1319	9.6	183221.1	-7749.4	1409	9.3	195428.9	-7727.7	1499	10.3	211823.5	-7732.4
1230	9.4	164039.0	-7711.2	1320	9.6	183443.3	-7751.6	1410	8.4	195442.5	-7746.6	1500	9.6	211836.5	-7753.4
1231	9.4	164109.0	-7702.0	1321	8.2	183443.5	-7711.3	1411	9.4	195450.0	-7734.4	1501	10.3	211900.5	-7726.1
1232	8.6	164158.0	-7716.0	1322	9.1	183503.8	-7737.0	1412	8.4	195513.7	-7721.2	1502	10.0	211934.0	-7710.7
1233	9.0	164348.5	-7719.5	1323	10.0	183514.6	-7703.6	1413	9.4	195528.2	-7753.8	1503	8.4	212056.1	-7745.7
1234	9.1	164422.5	-7725.2	1324	9.9	183545.1	-7747.8	1414	9.6	195606.7	-7753.6	1504	10.3	212154.0	-7710.0
1235	7.1	164439.0	-7752.9	1325	9.8	183548.6	-7748.2	1415	8.7	195624.7	-7738.1	1505	9.7	212210.5	-7739.2
1236	9.1	164447.0	-7726.0	1326	9.6	183641.6	-7721.2	1416	9.5	195638.4	-7707.7	1506	9.7	212238.5	-7731.9
1237	9.4	164622.0	-7722.7	1327	9.7	183909.6	-7729.6	1417	9.7	195750.7	-7759.6	1507	8.6	212339.0	-7704.1
1238	9.2	164929.5	-7724.8	1328	9.2	183954.6	-7742.8	1418	9.2	195811.7	-7726.3	1508	10.3	212635.3	-7706.7
1239	9.1	165039.5	-7720.9	1329	9.7	184127.1	-7701.0	1419	9.8	195836.0	-7745.7	1509	8.9	212702.0	-7734.4
1240	9.3	165155.0	-7721.4	1330	9.7	184220.1	-7750.7	1420	9.1	200015.5	-7735.1	1510	5.9	212729.0	-7756.6
1241	9.4	165211.0	-7742.5	1331	10.2	184245.1	-7717.4	1421	9.3	200106.3	-7751.0	1511	10.3	213002.0	-7701.9
1242	9.1	165215.5	-7704.9	1332	10.0	184309.1	-7729.2	1422	9.8	200213.2	-7715.9	1512	9.5	213117.5	-7712.9
1243	9.3	165824.0	-7720.6	1333	9.1	184553.8	-7701.1	1423	9.8	200300.7	-7704.7	1513	10.2	213145.0	-7703.9
1244	8.4	170037.0	-7754.8	1334	9.8	184700.9	-7731.9	1424	9.4	200527.6	-7741.7	1514	9.6	213156.5	-7748.8
1245	9.0	170333.5	-7703.0	1335	9.3	184713.7	-7754.7	1425	9.4	200534.7	-7710.3	1515	9.9	213416.0	-7720.1
1246	9.5	170727.5	-7742.1	1336	9.6	184732.9	-7756.5	1426	9.3	200655.0	-7749.3	1516	9.7	213428.5	-7724.4
1247	9.2	170818.5	-7710.3	1337	9.1	184801.7	-7713.0	1427	9.4	200746.3	-7744.5	1517	9.7	213454.0	-7748.8
1248	9.3	170916.5	-7704.5	1338	9.2	184809.9	-7741.9	1428	9.8	200759.3	-7702.3	1518	8.9	213554.0	-7751.2
1249	9.1	170947.0	-7723.7	1339	9.8	184830.3	-7720.2	1429	9.3	200808.7	-7706.5	1519	9.6	213724.0	-7755.7
1250	9.3	171032.7	-7716.4	1340	10.2	185015.8	-7713.8	1430	9.2	200854.7	-7710.9	1520	9.3	213759.0	-7757.1
1251	9.4	171430.0	-7720.9	1341	9.6	185040.0	-7756.5	1431	9.8	200917.2	-7715.0	1521	9.2	213957.7	-7758.7
1252	9.2	171432.5	-7722.0	1342	9.6	185048.0	-7744.5	1432	9.6	200932.2	-7711.3	1522	8.4	214124.5	-7755.0
1253	9.6	171459.6	-7749.3	1343	9.4	185055.4	-7753.4	1433	9.4	200958.1	-7713.3	1523	8.7	214205.5	-7731.5
1254	9.1	171525.0	-7744.6	1344	9.6	185154.5	-7730.1	1434	9.4	201047.6	-7719.2	1524	9.7	214340.5	-7753.3
1255	8.7	171558.0	-7743.6	1345	9.8	185433.0	-7734.3	1435	9.5	201049.1	-7704.4	1525	8.9	214352.5	-7713.2
1256	9.6	171716.0	-7740.9	1346	9.9	185607.3	-7720.2	1436	9.6	201208.6	-7726.9	1526	10.2	214428.7	-7759.2
1257	9.1	171733.5	-7729.9	1347	8.0	185614.4	-7714.6	1437	9.7	201318.6	-7718.2	1527	9.7	214605.0	-7729.1
1258	9.4	171754.0	-7755.0	1348	9.6	185847.8	-7700.1	1438	8.4	201325.1	-7707.7	1528	7.7	214931.2	-7754.5
1259	9.7	171758.0	-7741.7	1349	9.6	185855.3	-7705.0	1439	9.8	201509.6	-7709.7	1529	10.0	215031.5	-7749.8
1260	9.4	171913.0	-7752.2	1350	10.2	185956.5	-7726.0	1440	8.1	201527.0	-7736.5	1530	8.5	215623.0	-7746.0
1261	9.4	171940.0	-7752.3	1351	9.6	190015.0	-7734.7	1441	8.3	201553.1	-7742.2	1531	9.4	215841.0	-7734.7
1262	8.9	172319.0	-7731.2	1352	9.4	190020.3	-7734.8	1442	9.8	201628.1	-7725.6	1532	9.4	215855.0	-7722.4
1263	8.3	172614.0	-7716.6	1353	9.6	190047.0	-7714.9	1443	9.7	201700.6	-7714.3	1533	9.2	215934.0	-7745.5
1264	8.6	172654.5	-7733.1	1354	9.8	190157.5	-7736.7	1444	8.5	201833.6	-7720.9	1534	9.3	220041.0	-7757.4
1265	9.4	172822.5	-7700.9	1355	10.0	190241.5	-7710.5	1445	9.8	202005.1	-7715.9	1535	8.0	220221.5	-7733.4
1266	9.3	172900.5	-7708.2	1356	9.4	190305.0	-7742.1	1446	10.0	202031.2	-7743.9	1536	9.5	220254.0	-7733.1
1267	9.4	172907.5	-7731.7	1357	9.3	190320.5	-7742.5	1447	8.0	202205.6	-7718.9	1537	9.4	220319.0	-7746.2
1268	9.0	173101.5	-7710.6	1358	8.8	190608.8	-7754.0	1448	9.3	202523.1	-7714.4	1538	8.4	220807.5	-7707.1
1269	8.7	173128.7	-7731.9	1359	9.8	190741.0	-7721.6	1449	9.2	202547.3	-7740.2	1539	9.6	221053.0	-7705.0
1270	9.3	173329.7	-7729.8	1360	9.8	190746.0	-7756.4	1450	9.8	202726.6	-7729.0	1540	8.6	221215.0	-7728.8
1271	9.6	173347.0	-7750.8	1361	10.2	190806.5	-7700.9	1451	8.9	202728.8	-7718.2	1541	9.4	221517.0	-7705.0
1272	9.4	173424.0	-7713.7	1362	10.2	190838.0	-7737.9	1452	9.8	202835.1	-7730.2	1542	9.6	221642.0	-7722.6
1273	9.3	173449.0	-7738.3	1363	9.6	191144.3	-7758.9	1453	9.7	203021.7	-7743.5	1543	9.6	221850.0	-7744.2
1274	9.4	173536.0	-7704.5	1364	8.8	191237.2	-7741.9	1454	9.8	203057.1	-7726.5	1544	8.1	221907.0	-7719.0
1275	9.4	173600.0	-7748.5	1365	9.6	191305.0	-7708.1	1455	9.8	203158.6	-7752.3	1545	9.5	221907.5	-7738.8
1276	8.4	173642.0	-7730.9	1366	9.8	191341.5	-7728.8	1456	9.8	203200.8	-7749.3	1546	9.5	221953.0	-7745.0

1547	9.5	222106.0	-7751.9	37	9.2	13326.0	-7802.4	127	9.8	41630.0	-7807.7	217	9.8	61012.0	-7830.1
1548	9.4	222200.0	-7744.3	38	8.8	14201.0	-7852.3	128	10.0	41751.0	-7808.0	218	9.4	61157.0	-7832.1
1549	8.6	222222.0	-7747.0	39	9.5	15159.0	-7824.8	129	9.8	41801.0	-7852.9	219	9.3	61342.0	-7855.7
1550	9.3	222544.0	-7705.8	40	6.9	15350.0	-7806.4	130	9.1	41812.0	-7805.0	220	9.4	62011.0	-7811.1
1551	9.4	222600.0	-7733.7	41	8.8	15546.0	-7811.3	131	9.4	41829.0	-7856.2	221	9.8	62040.0	-7807.1
1552	9.6	222619.0	-7740.0	42	6.4	15605.5	-7857.6	132	9.5	42055.0	-7815.7	222	10.0	62319.0	-7819.3
1553	9.6	222650.0	-7716.5	43	9.0	20405.0	-7836.4	133	9.2	42145.0	-7819.2	223	9.4	62432.0	-7842.1
1554	6.6	223911.7	-7742.6	44	9.1	20427.0	-7807.0	134	9.6	42242.0	-7837.4	224	8.9	62531.0	-7827.7
1555	8.6	223934.0	-7700.7	45	9.2	20805.0	-7830.8	135	8.9	42449.0	-7819.8	225	9.5	62616.0	-7855.0
1556	8.8	224043.0	-7726.9	46	9.4	20940.1	-7851.3	136	9.3	42528.0	-7842.2	226	8.2	62805.0	-7820.2
1557	9.4	224124.0	-7724.6	47	9.8	21001.0	-7849.5	137	8.5	42921.0	-7859.6	227	7.8	62847.0	-7859.5
1558	9.3	224638.5	-7727.9	48	8.6	21934.1	-7839.7	138	9.4	43045.0	-7809.5	228	9.2	62923.0	-7838.6
1559	9.0	225319.5	-7729.1	49	8.7	22231.1	-7812.8	139	9.7	43245.0	-7802.7	229	9.8	63006.0	-7857.6
1560	9.5	225503.0	-7747.9	50	9.8	22312.0	-7800.4	140	9.1	43435.0	-7813.8	230	9.8	63238.0	-7829.1
1561	9.0	225518.5	-7736.0	51	8.7	22614.1	-7818.7	141	9.4	43455.0	-7810.0	231	9.5	63322.0	-7858.8
1562	9.3	225853.5	-7738.1	52	9.8	22918.1	-7815.9	142	9.0	43606.0	-7830.0	232	7.9	63615.0	-7848.5
1563	8.6	230137.0	-7708.4	53	9.6	22940.7	-7858.7	143	9.4	43625.0	-7801.0	233	9.5	63625.0	-7848.7
1564	9.2	230144.5	-7731.0	54	9.6	23057.6	-7823.7	144	9.4	43657.0	-7846.4	234	9.2	63700.0	-7842.8
1565	9.4	230406.0	-7757.3	55	9.1	23132.5	-7843.8	145	7.3	43750.0	-7853.2	235	10.0	63856.0	-7843.8
1566	9.4	230505.0	-7735.8	56	9.6	23149.5	-7834.3	146	9.8	43904.0	-7822.6	236	9.8	63901.0	-7802.1
1567	9.5	230517.0	-7721.0	57	8.1	23322.5	-7854.9	147	8.1	43926.0	-7837.2	237	9.4	64130.0	-7821.7
1568	9.4	230743.0	-7747.9	58	9.4	23420.5	-7834.3	148	9.8	44024.0	-7821.0	238	9.9	64206.0	-7843.1
1569	9.4	230809.0	-7736.8	59	8.6	23429.0	-7810.5	149	9.7	44515.0	-7819.7	239	9.5	64555.0	-7823.9
1570	9.7	230831.0	-7757.8	60	8.4	23442.5	-7810.5	150	10.0	44811.0	-7856.6	240	8.2	64633.0	-7818.7
1571	9.4	231350.0	-7759.1	61	9.2	24154.6	-7836.2	151	9.8	44914.0	-7823.9	241	8.9	65451.0	-7840.5
1572	9.7	231413.0	-7710.7	62	9.2	24324.0	-7827.0	152	7.8	45013.0	-7814.3	242	9.4	65816.0	-7855.2
1573	9.0	231834.0	-7728.5	63	8.2	24417.5	-7820.0	153	9.7	45035.5	-7849.9	243	8.7	70552.0	-7859.3
1574	9.0	231920.0	-7752.3	64	9.4	24425.5	-7842.9	154	9.2	45047.0	-7805.7	244	9.2	70749.0	-7838.3
1575	9.1	231945.0	-7739.7	65	9.8	24540.0	-7840.4	155	9.4	45327.0	-7846.1	245	9.2	71028.0	-7834.9
1576	10.0	232004.6	-7713.5	66	9.8	24557.0	-7850.8	156	9.8	45535.5	-7819.2	246	9.2	71140.0	-7812.9
1577	8.2	232133.6	-7700.4	67	8.6	24613.0	-7838.8	157	9.8	45855.5	-7855.1	247	9.5	71227.0	-7841.9
1578	10.0	232155.1	-7703.7	68	9.2	24617.0	-7851.2	158	9.2	45902.0	-7828.2	248	9.1	71256.0	-7837.7
1579	9.7	232129.0	-7737.5	69	8.6	24642.5	-7853.4	159	8.2	45943.0	-7820.2	249	9.2	71259.0	-7820.2
1580	9.4	232702.0	-7736.9	70	8.6	24736.5	-7853.7	160	7.4	45948.0	-7835.5	250	9.7	71619.0	-7835.5
1581	9.4	233000.5	-7713.4	71	8.1	24851.5	-7802.4	161	8.6	50226.0	-7848.7	251	9.8	71626.0	-7802.5
1582	10.6	233012.6	-7731.0	72	9.0	24916.5	-7853.3	162	9.2	50435.0	-7853.7	252	8.9	71638.0	-7843.5
1583	6.9	233035.6	-7733.6	73	8.8	24933.4	-7809.8	163	7.9	50504.0	-7821.7	253	8.7	71644.0	-7840.9
1584	10.4	233440.1	-7716.5	74	9.2	25131.0	-7857.9	164	9.8	50611.0	-7831.3	254	8.9	71823.0	-7845.8
1585	9.8	233701.1	-7715.6	75	9.8	25359.4	-7853.6	165	7.6	50658.0	-7828.2	255	9.2	71846.0	-7829.1
1586	9.9	233751.0	-7746.2	76	9.8	25424.4	-7843.0	166	8.3	50816.0	-7821.0	256	9.2	72014.0	-7805.5
1587	8.8	233912.0	-7757.4	77	8.3	25548.4	-7822.0	167	9.8	51115.0	-7828.2	257	9.5	72029.0	-7822.4
1588	8.3	233958.5	-7755.7	78	9.4	25649.9	-7832.0	168	9.8	51141.0	-7823.9	258	9.2	72152.0	-7811.8
1589	9.0	234122.2	-7701.6	79	8.4	25656.4	-7842.0	169	9.6	51323.0	-7833.7	259	8.9	72217.0	-7805.0
1590	10.0	234202.6	-7733.2	80	9.8	25741.9	-7820.2	170	9.2	51531.0	-7854.9	260	10.0	72718.0	-7844.5
1591	10.4	234230.1	-7732.2	81	8.2	25742.2	-7834.8	171	9.4	51805.0	-7828.0	261	8.6	72839.0	-7854.9
1592	8.9	234429.3	-7702.9	82	8.6	25806.9	-7809.3	172	9.6	52002.0	-7821.0	262	9.8	72923.0	-7810.3
1593	8.8	234449.6	-7728.1	83	8.6	30053.4	-7809.2	173	9.6	52031.0	-7826.4	263	9.4	72932.0	-7856.1
1594	8.0	235400.5	-7743.0	84	8.4	30159.4	-7819.8	174	9.6	52245.0	-7854.9	264	9.4	73011.0	-7814.6
1595	9.8	235432.6	-7718.9	85	9.2	30339.4	-7810.6	175	9.6	52423.0	-7834.0	265	6.7	73227.0	-7849.9
1596	6.0	235508.5	-7745.4	86	9.3	30929.4	-7805.1	176	9.4	52439.0	-7855.3	266	8.6	73403.0	-7825.0
1597	11.1	235558.6	-7709.1	87	9.2	31215.4	-7850.5	177	9.4	52522.0	-7820.1	267	8.6	73739.0	-7855.3
1598	9.8	235743.6	-7709.7	88	9.4	31430.2	-7818.9	178	9.8	52642.0	-7815.3	268	9.2	73843.0	-7848.9
1599	9.0	235810.1	-7734.1	89	9.8	31434.9	-7816.0	179	9.8	52645.0	-7842.8	269	8.8	74124.0	-7843.4
1600	9.0	235811.8	-7702.6	90	9.4	31548.9	-7846.8	180	9.8	52703.0	-7802.8	270	9.5	74315.0	-7804.2
1	8.6	00117.0	-7811.4	91	8.0	31602.5	-7822.6	181	9.2	52725.0	-7802.3	271	9.2	74502.0	-7855.5
2	8.3	00152.0	-7854.4	92	9.3	31712.0	-7801.6	182	9.8	52746.0	-7819.4	272	9.2	74509.0	-7835.3
3	8.8	00403.0	-7810.6	93	9.8	31911.0	-7834.4	183	9.5	52842.0	-7815.8	273	6.2	74600.0	-7805.2
4	7.9	00410.0	-7859.8	94	9.1	32151.2	-7856.9	184	9.8	52843.0	-7825.7	274	9.8	74740.0	-7818.4
5	10.0	00648.0	-7814.1	95	9.6	32237.5	-7849.5	185	9.8	52909.0	-7828.5	275	10.0	74916.0	-7801.6
6	7.5	01337.0	-7841.0	96	9.2	32532.5	-7830.5	186	8.4	53138.0	-7826.5	276	10.1	75513.0	-7847.9
7	9.3	01356.0	-7804.5	97	9.8	32600.5	-7851.7	187	9.3	53206.0	-7846.5	277	10.0	75827.0	-7857.9
8	9.4	01459.0	-7831.8	98	9.8	32707.1	-7858.4	188	10.0	53400.0	-7801.3	278	9.8	80117.0	-7835.0
9	7.0	01608.0	-7807.2	99	7.8	33147.8	-7802.4	189	9.5	53652.0	-7830.5	279	9.9	80124.0	-7836.0
10	10.0	01844.0	-7820.2	100	9.3	33201.0	-7816.6	190	9.8	53821.0	-7851.6	280	9.1	80127.0	-7832.1
11	8.5	01924.0	-7856.6	101	6.2	33434.0	-7846.1	191	9.5	53858.0	-7821.9	281	9.8	80224.5	-7856.2
12	8.8	02645.0	-7834.0	102	9.8	33507.0	-7847.0	192	9.6	53923.0	-7841.8	282	8.8	80426.0	-7827.6
13	9.7	02935.0	-7819.0	103	9.7	33728.0	-7857.6	193	9.5	54000.0	-7821.0	283	9.8	80512.0	-7812.2
14	8.2	03254.0	-7810.3	104	9.5	33908.0	-7805.6	194	9.4	54224.0	-7851.9	284	8.0	80637.0	-7848.1
15	9.7	03427.0	-7830.8	105	7.7	34118.0	-7843.5	195	6.2	54317.0	-7853.1	285	10.0	80656.0	-7814.7
16	8.8	03429.0	-7825.0	106	9.5	34128.0	-7853.9	196	9.8	54449.0	-7836.0	286	9.9	80810.5	-7835.0
17	9.4	03505.0	-7803.2	107	9.2	34255.0	-7815.4	197	10.0	54511.0	-7842.1	287	9.9	80822.0	-7844.3
18	9.4	03640.0	-7809.3	108	10.0	34258.0	-7833.6	198	9.4	54608.0	-7842.2	288	8.9	80924.0	-7807.7
19	9.4	03814.0	-7828.8	109	9.7	34314.0	-7810.6	199	9.8	54640.0	-7846.1	289	10.3	81012.0	-7836.1
20	9.7	03948.0	-7846.2	110	10.0	34415.0	-7816.9	200	9.8	54806.0	-7808.6	290	10.2	81054.0	-7818.2
21	7.6	04041.0	-7846.1	111	9.7	34623.0	-7845.0	201	9.2	54842.0	-7840.7	291	10.3	81202.0	-7851.9
22	9.4	04146.0	-7852.2	112	9.0	34631.0	-7841.3	202	9.8	54923.0	-7828.8	292	9.8	81206.0	-7853.5
23	8.9	04412.0	-7856.8	113	9.8	34634.0	-7842.8	203	9.8	55035.0	-7805.6	293	9.4	81224.0	-7832.5
24	9.1	04513.0	-7806.6	114	9.7	34726.0	-7805.6	204	9.8	55238.0	-7841.7	294	10.3	81230.0	-7827.7
25	9.1	05045.0	-7832.2	115	9.7	35304.0	-7826.7	205	9.8	55250.0	-7825.0	295	10.2	81304.0	-7836.3
26	9.2	05427.0	-7808.9	116	9.4	35305.0	-7807.1	206	9.8	55323.0	-7849.8	296	9.8	81308.0	-7815.3
27	9.0	05553.0	-7808.7	117	10.0	35310.0	-7839.3	207	8.6	55932.0	-7836.1	297	8.3	81316.0	-7819.2
28	8.1	05935.0	-7813.2	118	9.3	35735.0	-7813.4	208	9.9	60201.0	-7837.8	298	10.0	81316.0	-7821.1
29	7.9	10210.0	-7858.1	119	9.5	40017.0	-7823.5	209	9.8	60206.0	-7820.8	299	10.1	81338.0	-7855.7
30	7.2	10241.0	-7815.2	120	10.0	40035.0	-7826.5	210	9.4	60215.0	-7804.9	300	9.8	81403.0	-7818.0
31	9.2	10501.0	-7845.6	121	9.0	40111.0	-7853.0	211	9.8	60402.0	-7846.8	301	10.1	81426.0	-7854.1
32	9.1	10730.0	-7856.9	122	10.0	40555.0	-7834.2	212	9.6	60602.0	-7816.5	302	10.0	81426.0	-7850.5
33	9.3	10825.0	-7826.0	123	8.5	40716.0	-7853.1	213	9.8	60701.0	-7806.1	303	10.0	81433.0	-7803.8
34	9.4	11015.0	-7853.1	124	10.0	40813.0	-7811.1	214	9.6	60801.0	-7813.4	304	9.8	81444.0	-7840.6
35	9.1	12222.0	-7843.2	125	7.7	40824.0	-7858.0	215	9.8	60816.0	-7823.2	305	9.8	81455.0	-7842.3
36	8.5	13041.0	-7842.6	126	8.8	40851.0	-7814.9	216	9.9	60924.0	-7817.5	306	9.9	81520.0	-7843.6

-78 307 8h16m

-78 666 11h28m

307	9.7	81619.0	-7816.1	397	10.2	85751.0	-7810.0	487	9.2	95432.0	-7857.8	577	9.7	104250.0	-7811.2
308	9.8	81624.0	-7846.5	398	9.9	85822.0	-7824.3	488	9.5	95441.0	-7817.6	578	9.9	104316.0	-7851.3
309	10.1	81632.0	-7852.2	399	10.0	85857.0	-7823.6	489	9.9	95446.0	-7846.3	579	9.6	104320.0	-7836.8
310	10.3	81642.0	-7819.7	400	8.6	85906.0	-7815.0	490	9.5	95504.0	-7823.7	580	9.7	104339.0	-7822.1
311	9.9	81736.0	-7827.1	401	9.8	85906.0	-7850.5	491	9.4	95741.0	-7853.4	581	9.7	104461.0	-7848.6
312	10.3	81749.0	-7814.8	402	10.2	85912.0	-7847.9	492	9.7	95807.0	-7828.8	582	9.8	104467.0	-7806.1
313	9.9	81905.0	-7800.9	403	10.0	85945.0	-7825.5	493	9.9	95820.0	-7845.8	583	9.6	104519.0	-7805.9
314	10.2	81907.0	-7824.8	404	10.2	90000.0	-7833.9	494	9.7	95901.0	-7807.5	584	9.8	104536.0	-7820.4
315	7.4	82035.0	-7855.6	405	9.4	90008.0	-7818.6	495	9.4	95916.0	-7825.5	585	9.7	104632.0	-7828.0
316	10.3	82047.0	-7811.1	406	10.1	90204.0	-7848.9	496	9.1	100052.0	-7835.0	586	9.7	104822.0	-7807.0
317	9.4	82103.0	-7803.3	407	9.3	90210.0	-7802.6	497	9.3	100058.0	-7834.5	587	9.7	104842.0	-7855.8
318	9.8	82104.0	-7814.2	408	9.3	90407.0	-7824.5	498	9.6	100136.0	-7850.1	588	9.3	105008.0	-7804.7
319	10.3	82105.0	-7806.9	409	9.8	90413.0	-7808.8	499	9.9	100223.0	-7841.2	589	8.1	105021.0	-7853.7
320	10.3	82136.0	-7804.9	410	9.9	90427.0	-7811.0	500	9.8	100317.0	-7816.9	590	9.2	105057.0	-7854.1
321	10.3	82202.0	-7849.7	411	8.4	90506.0	-7857.5	501	9.8	100332.0	-7823.4	591	9.1	105118.0	-7822.8
322	9.6	82222.0	-7809.8	412	9.9	90624.0	-7822.9	502	9.8	100334.0	-7822.9	592	9.5	105121.0	-7837.4
323	10.2	82224.0	-7814.7	413	10.3	90838.0	-7857.9	503	9.5	100342.0	-7817.0	593	9.4	105141.0	-7857.4
324	9.9	82241.0	-7844.7	414	10.0	90915.0	-7817.0	504	9.0	100406.0	-7832.9	594	9.8	105149.0	-7832.7
325	9.8	82242.0	-7833.8	415	10.2	90934.0	-7822.7	505	9.6	100417.0	-7859.4	595	9.8	105216.0	-7812.7
326	9.5	82258.0	-7830.7	416	9.6	91143.0	-7818.9	506	9.1	100418.0	-7835.0	596	9.7	105317.0	-7811.9
327	10.0	82344.0	-7830.7	417	9.8	91214.0	-7817.1	507	9.5	100453.0	-7806.8	597	9.9	105339.0	-7831.7
328	10.0	82420.0	-7840.4	418	10.0	91254.0	-7815.0	508	9.3	100505.0	-7848.6	598	9.7	105407.0	-7850.8
329	9.9	82426.0	-7850.0	419	10.2	91307.0	-7810.0	509	7.7	100536.0	-7827.2	599	9.9	105434.0	-7807.5
330	9.2	82445.0	-7857.6	420	9.5	91339.0	-7818.0	510	9.4	100602.0	-7856.7	600	9.4	105441.0	-7859.4
331	10.3	82449.0	-7854.1	421	10.3	91348.0	-7830.8	511	9.7	100607.0	-7818.5	601	9.9	105542.0	-7829.7
332	9.7	82538.0	-7812.0	422	9.9	91351.0	-7851.1	512	9.4	100616.0	-7840.0	602	9.8	105614.0	-7802.9
333	9.5	82610.0	-7842.2	423	9.8	91356.0	-7844.1	513	9.9	100734.0	-7813.9	603	9.6	105700.0	-7849.6
334	10.1	82648.0	-7831.5	424	7.9	91404.0	-7850.5	514	9.6	100736.0	-7857.7	604	9.7	105746.0	-7841.8
335	9.4	82716.0	-7816.0	425	9.7	91447.0	-7836.0	515	9.8	100800.0	-7837.9	605	9.9	105751.0	-7803.1
336	9.8	82825.0	-7849.8	426	9.8	91453.0	-7815.7	516	9.4	100834.0	-7826.7	606	9.3	105757.0	-7854.8
337	9.4	82826.0	-7818.2	427	10.0	91627.0	-7827.4	517	9.5	100841.0	-7853.9	607	9.4	105916.0	-7826.8
338	9.5	82843.0	-7853.5	428	9.5	91724.0	-7816.7	518	9.8	100907.0	-7808.2	608	9.7	105948.0	-7852.2
339	9.8	82901.0	-7820.1	429	10.2	91735.0	-7853.0	519	8.6	100925.0	-7809.6	609	9.8	110014.0	-7820.0
340	9.3	82948.0	-7823.9	430	9.9	91739.0	-7854.0	520	9.6	101025.0	-7807.8	610	9.7	110016.0	-7836.9
341	10.0	83003.0	-7838.8	431	9.5	91746.0	-7829.1	521	9.8	101032.0	-7855.9	611	9.7	110047.0	-7837.7
342	9.3	83034.0	-7843.0	432	9.6	91819.0	-7848.4	522	9.6	101036.0	-7812.4	612	9.5	110125.0	-7802.0
343	10.0	83048.0	-7817.7	433	10.3	91840.0	-7858.0	523	9.2	101122.0	-7858.5	613	9.1	110127.0	-7811.8
344	10.3	83053.0	-7821.8	434	9.8	91904.0	-7846.5	524	9.7	101222.0	-7847.8	614	8.8	110130.0	-7829.1
345	10.0	83154.0	-7835.5	435	10.2	91942.0	-7842.1	525	9.5	101257.0	-7809.8	615	9.6	110133.0	-7852.9
346	9.7	83235.0	-7802.4	436	10.3	91942.0	-7823.9	526	9.7	101309.0	-7830.3	616	9.7	110216.0	-7841.2
347	9.9	83242.0	-7856.9	437	10.0	92012.0	-7838.2	527	8.1	101319.0	-7844.3	617	9.7	110218.0	-7859.8
348	9.7	83301.0	-7811.2	438	8.7	92101.0	-7836.2	528	9.7	101340.0	-7815.1	618	9.7	110221.0	-7840.6
349	8.7	83326.0	-7830.0	439	10.1	92342.0	-7847.7	529	7.5	101347.0	-7822.8	619	9.6	110247.0	-7840.8
350	9.6	83447.0	-7813.8	440	9.8	92345.0	-7801.8	530	9.9	101456.0	-7832.6	620	9.4	110510.0	-7859.9
351	9.4	83513.0	-7816.4	441	9.7	92345.0	-7833.1	531	9.8	101515.0	-7840.5	621	9.6	110536.0	-7813.1
352	9.6	83523.0	-7811.7	442	10.3	92526.0	-7857.5	532	9.7	101558.0	-7818.2	622	9.6	110658.0	-7835.2
353	10.0	83537.0	-7847.9	443	10.1	92619.0	-7812.0	533	9.8	101626.0	-7855.0	623	9.8	110742.0	-7833.8
354	10.2	83547.0	-7831.0	444	10.0	92648.0	-7831.4	534	9.4	101634.0	-7826.9	624	8.8	110950.0	-7841.9
355	9.6	83636.0	-7807.3	445	10.3	92658.0	-7845.8	535	9.5	101700.0	-7827.8	625	9.3	111007.0	-7845.6
356	9.7	83642.0	-7812.6	446	7.7	92703.0	-7831.8	536	9.5	101703.0	-7836.9	626	9.8	111040.0	-7844.5
357	10.0	83704.0	-7844.4	447	9.6	92808.0	-7828.2	537	9.5	101738.0	-7822.5	627	9.5	111042.0	-7807.2
358	10.0	83720.0	-7808.7	448	10.0	92953.0	-7834.8	538	9.4	101801.0	-7823.7	628	9.7	111121.0	-7851.1
359	9.8	83735.0	-7818.3	449	10.1	92957.0	-7830.1	539	9.9	101801.0	-7846.7	629	9.2	111241.0	-7834.2
360	10.0	83817.0	-7835.5	450	10.0	93106.0	-7849.1	540	9.5	102038.0	-7858.2	630	9.9	111244.0	-7845.9
361	10.3	83827.0	-7843.8	451	10.2	93118.0	-7842.2	541	9.3	102038.0	-7837.5	631	9.5	111255.0	-7802.0
362	9.9	83842.0	-7825.7	452	10.0	93142.0	-7832.1	542	9.7	102119.0	-7838.9	632	10.2	111258.0	-7831.6
363	10.0	83845.0	-7802.1	453	10.0	93223.0	-7834.4	543	9.7	102145.0	-7843.7	633	9.6	111304.0	-7834.9
364	9.4	83900.0	-7846.5	454	9.8	93242.0	-7830.1	544	9.4	102216.0	-7843.1	634	9.0	111357.0	-7840.7
365	9.8	83914.0	-7842.2	455	9.3	93432.0	-7818.9	545	9.9	102301.0	-7842.4	635	10.2	111423.0	-7850.9
366	8.7	84021.0	-7803.3	456	10.3	93530.0	-7826.3	546	9.4	102413.0	-7829.6	636	9.8	111428.0	-7843.7
367	10.0	84118.0	-7830.1	457	10.0	93604.0	-7831.8	547	9.8	102427.0	-7810.8	637	9.5	111434.0	-7808.0
368	9.9	84204.0	-7826.6	458	10.0	93821.0	-7812.3	548	9.4	102452.0	-7853.9	638	6.8	111456.0	-7859.0
369	9.6	84303.0	-7811.5	459	10.1	93830.0	-7840.1	549	9.5	102528.0	-7817.6	639	9.8	111508.0	-7849.3
370	10.2	84326.0	-7856.9	460	10.1	94204.0	-7828.6	550	8.4	102537.0	-7805.9	640	10.0	111547.0	-7830.3
371	10.3	84333.0	-7836.4	461	10.3	94254.0	-7846.4	551	9.5	102602.0	-7835.1	641	10.3	111555.0	-7833.7
372	5.8	84529.0	-7830.6	462	9.6	94321.0	-7825.5	552	9.8	102656.0	-7816.3	642	9.8	111640.0	-7824.3
373	10.2	84530.0	-7802.8	463	9.4	94516.0	-7811.0	553	9.9	102711.0	-7817.5	643	9.0	111744.0	-7858.7
374	10.0	84536.0	-7842.9	464	9.7	94541.0	-7847.9	554	9.8	102718.0	-7839.9	644	9.7	111823.0	-7823.8
375	7.6	84600.0	-7835.6	465	9.7	94557.0	-7841.1	555	9.0	102720.0	-7810.2	645	10.3	111841.0	-7826.5
376	10.1	84606.0	-7859.6	466	9.5	94643.0	-7801.6	556	9.0	102742.0	-7840.7	646	9.5	111854.0	-7838.6
377	9.5	84638.0	-7841.4	467	9.3	94801.0	-7844.0	557	9.7	102914.0	-7803.3	647	9.9	112038.0	-7834.1
378	6.7	84724.0	-7836.7	468	9.6	94856.0	-7830.5	558	9.4	102939.0	-7819.3	648	9.4	112043.0	-7821.6
379	10.0	84744.0	-7804.5	469	8.9	94915.0	-7811.8	559	9.1	103009.0	-7833.5	649	9.9	112117.0	-7826.9
380	9.9	84808.0	-7827.9	470	9.5	95025.0	-7824.7	560	9.4	103124.0	-7821.5	650	9.9	112152.0	-7828.9
381	9.8	84810.0	-7824.0	471	9.1	95048.0	-7802.4	561	9.2	103139.0	-7823.6	651	9.9	112236.0	-7811.9
382	9.8	84811.0	-7817.7	472	9.7	95051.0	-7841.9	562	9.7	103308.0	-7803.2	652	9.2	112410.0	-7848.9
383	9.8	84852.0	-7804.0	473	9.7	95101.0	-7814.7	563	9.9	103317.0	-7847.6	653	9.5	112415.0	-7806.9
384	9.7	84858.0	-7857.0	474	9.8	95147.0	-7806.1	564	8.9	103449.0	-7808.2	654	9.9	112435.0	-7801.9
385	9.8	84922.0	-7802.8	475	9.6	95149.0	-7821.4	565	9.6	103500.0	-7842.6	655	9.6	112444.0	-7830.0
386	9.9	84937.0	-7811.7	476	9.7	95151.0	-7831.0	566	9.6	103536.0	-7855.6	656	10.2	112529.0	-7819.5
387	9.0	84956.0	-7823.7	477	9.4	95252.0	-7826.2	567	9.3	103536.0	-7820.5	657	9.0	112543.0	-7815.1
388	10.3	85101.0	-7831.5	478	9.8	95304.0	-7801.4	568	9.6	103621.0	-7859.9	658	10.2	112543.0	-7802.9
389	10.0	85138.0	-7859.9	479	9.5	95312.0	-7844.3	569	9.7	103627.0	-7824.6	659	10.2	112558.0	-7859.3
390	10.2	85206.0	-7838.5	480	9.7	95314.0	-7808.6	570	7.7	103712.0	-7851.6	660	9.8	112601.0	-7832.6
391	9.7	85254.0	-7838.4	481	9.5	95315.0	-7809.6	571	9.7	103808.0	-7833.8	661	9.2	112626.0	-7816.9
392	10.1	85310.0	-7806.6	482	9.6	95319.0	-7807.9	572	9.5	103941.0	-7827.7	662	9.6	112642.0	-7855.0
393	9.5	85342.0	-7800.6	483	9.5	95321.0	-7846.0	573	9.5	104012.0	-7843.0	663	9.2	112740.0	-7851.7
394	9.7	85342.0	-7830.0	484	9.9	95348.0	-7819.7	574	9.5	104056.0	-7809.8	664	10.0	112740.0	-7813.9
395	9.7	85521.0	-7831.6	485	8.8	95421.0	-7805.6	575	9.8	104226.0	-7859.9	665	9.3	112834.0	-7847.0
396	10.2	85742.0	-7842.0	486	9.5	95421.0	-7849.7	576	9.5	104236.0	-7843.2	666	9.6	112856.0	-7809.8

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667	10.2	112908.0	-7823.0	757	9.8	122410.0	-7847.0	847	9.3	135922.0	-7847.4
668	10.2	112959.0	-7800.5	758	10.2	122503.0	-7840.1	848	9.1	140022.0	-7818.2
669	9.5	113032.0	-7857.8	759	9.8	122510.0	-7814.1	848b	9.7	140202.5	-7851.7
670	9.6	113040.0	-7821.5	760	9.9	122518.0	-7836.1	849	9.0	140457.0	-7853.5
671	9.7	113125.0	-7853.0	761	9.7	122602.0	-7859.2	850	9.1	140622.0	-7836.3
672	9.9	113140.0	-7808.6	762	10.3	122701.0	-7836.9	851	9.1	140922.0	-7800.1
673	9.3	113300.0	-7833.0	763	9.6	122711.0	-7804.0	852	9.5	141306.0	-7852.7
674	9.5	113346.0	-7844.1	764	9.9	122751.0	-7850.2	853	7.9	141309.0	-7802.9
675	9.9	113547.0	-7816.2	765	9.3	122757.0	-7817.7	854	9.4	141320.0	-7810.6
676	9.9	113605.0	-7801.3	766	9.9	122800.0	-7811.4	855	9.6	141334.0	-7815.5
677	7.3	113740.0	-7836.7	767	10.0	122846.0	-7800.3	856	9.5	141349.0	-7846.1
678	10.0	113937.0	-7853.6	768	9.8	122900.0	-7848.1	857	9.6	141443.0	-7802.0
679	9.6	113952.0	-7807.6	769	9.7	122933.0	-7848.3	858	9.7	141443.0	-7808.7
680	9.7	114017.0	-7822.5	770	9.5	123038.0	-7814.6	859	9.6	141519.0	-7837.2
681	10.3	114040.0	-7849.8	771	9.6	122220.0	-7825.8	860	9.4	141535.0	-7830.3
682	9.9	114211.0	-7822.0	772	10.2	123248.0	-7822.8	861	9.4	141538.0	-7808.2
683	10.2	114216.0	-7832.2	773	10.2	123410.0	-7808.8	862	9.3	141546.0	-7835.8
684	9.7	114220.0	-7825.1	774	8.7	123655.0	-7846.6	863	9.0	141644.0	-7814.1
685	9.9	114227.0	-7833.5	775	10.0	123701.0	-7803.5	864	9.5	141648.0	-7815.6
686	9.9	114259.0	-7805.6	776	10.0	123840.0	-7824.4	865	9.3	141655.0	-7854.5
687	9.9	114303.0	-7827.1	777	9.4	124220.0	-7820.7	866	9.5	141743.0	-7831.1
688	9.9	114318.0	-7828.4	778	9.9	124425.0	-7801.7	867	9.1	141754.0	-7855.0
689	9.4	114350.0	-7811.9	779	9.7	124634.0	-7845.2	868	9.4	141800.0	-7840.2
690	9.5	114445.0	-7859.4	780	9.4	124740.0	-7829.5	869	9.7	141824.0	-7814.4
691	9.7	114450.0	-7854.0	781	9.8	124811.0	-7848.0	870	9.5	141847.0	-7834.1
692	9.8	114502.0	-7800.5	782	9.7	125056.0	-7829.9	871	9.6	141915.0	-7805.4
693	10.0	114507.0	-7818.9	783	8.9	125124.0	-7819.8	872	9.4	142015.0	-7832.1
694	10.3	114551.0	-7810.3	784	8.5	125239.0	-7841.4	873	9.7	142138.0	-7801.7
695	9.4	114647.0	-7805.5	785	8.9	125504.0	-7850.5	874	9.5	142155.0	-7849.2
696	9.9	114835.0	-7826.4	786	9.5	125555.0	-7834.4	875	9.6	142305.0	-7824.6
697	9.9	114855.0	-7854.5	787	8.8	125705.0	-7850.8	876	9.0	142307.0	-7800.3
698	9.0	115020.0	-7814.6	788	9.9	125718.2	-7820.1	877	9.4	142320.0	-7833.8
699	10.0	115051.0	-7820.8	789	9.9	125733.2	-7820.9	878	9.5	142401.0	-7820.2
700	10.2	115054.0	-7811.0	790	9.5	125832.0	-7806.0	879	9.6	142445.0	-7815.6
701	9.8	115145.0	-7841.4	791	9.5	130240.0	-7803.1	880	9.7	142452.0	-7825.7
702	9.8	115151.0	-7825.9	792	9.4	130242.0	-7843.7	881	9.5	142658.0	-7851.3
703	10.0	115152.0	-7849.3	793	9.7	130346.0	-7837.8	882	9.6	142816.0	-7838.6
704	9.9	115220.0	-7810.9	794	8.6	130400.0	-7831.7	883	9.3	142940.0	-7807.7
705	8.9	115242.0	-7805.7	795	8.5	130404.0	-7837.5	884	9.2	143041.0	-7852.0
706	9.9	115406.0	-7802.1	796	9.1	130417.0	-7827.3	885	9.1	143042.0	-7822.9
707	9.9	115421.0	-7801.7	797	9.5	130556.0	-7833.7	886	8.8	143055.0	-7835.0
708	9.6	115458.0	-7810.9	798	9.0	130638.0	-7859.4	887	9.4	143104.0	-7825.2
709	9.6	115501.0	-7805.1	799	9.4	130703.0	-7813.7	888	9.1	143119.0	-7815.2
710	9.7	115520.0	-7818.0	800	7.2	130744.0	-7809.8	889	9.6	143122.0	-7814.9
711	8.7	115522.0	-7817.6	801	8.9	130837.0	-7836.9	890	9.1	143124.0	-7824.4
712	9.8	115616.0	-7817.7	802	9.4	130838.0	-7806.3	891	9.4	143125.0	-7835.4
713	10.2	115640.0	-7847.3	803	8.9	130907.0	-7823.8	892	9.6	143222.0	-7814.1
714	10.0	115720.0	-7844.0	804	9.1	131120.0	-7834.4	893	6.9	143224.0	-7830.7
715	10.0	115800.0	-7838.9	805	9.6	131200.0	-7836.9	894	9.4	143240.0	-7805.0
716	9.7	115810.0	-7809.2	806	9.5	131200.0	-7813.8	895	9.4	143339.0	-7840.8
717	10.0	115819.0	-7845.9	807	9.4	131243.0	-7824.5	896	9.3	143346.0	-7837.6
718	9.6	115824.0	-7815.7	808	7.9	131407.0	-7817.8	897	9.0	143422.0	-7844.3
719	9.9	115826.0	-7828.7	809	9.3	131424.0	-7854.8	898	9.4	143426.0	-7817.7
720	9.4	115830.0	-7850.4	810	9.5	131537.0	-7841.7	899	9.7	143506.0	-7857.7
721	9.6	115845.0	-7848.8	811	9.4	131800.0	-7852.2	900	9.5	143507.0	-7801.7
722	10.2	115846.0	-7815.6	812	9.5	131801.0	-7827.9	901	9.0	143521.0	-7836.8
723	9.3	115906.0	-7820.7	813	7.7	131900.0	-7812.5	902	9.6	143525.0	-7832.8
724	9.5	115926.0	-7810.1	814	9.7	131910.0	-7857.5	903	9.2	143554.0	-7828.1
725	10.0	120000.0	-7852.0	815	8.9	132020.0	-7817.9	904	9.6	143600.0	-7818.0
726	8.4	120024.0	-7826.5	816	8.6	132107.0	-7825.7	905	9.1	143611.0	-7802.6
727	7.3	120028.0	-7802.7	817	9.1	132123.0	-7817.6	906	9.7	143637.0	-7821.1
728	8.9	120030.0	-7804.8	818	8.3	132151.0	-7838.6	907	9.4	143716.0	-7858.2
729	9.8	120132.0	-7833.9	819	9.5	132333.0	-7840.2	908	8.7	143720.0	-7819.5
730	6.9	120223.0	-7805.2	820	8.8	132352.0	-7810.0	909	9.1	143746.0	-7859.5
731	10.0	120307.0	-7819.5	821	9.7	132437.0	-7818.9	910	9.4	143753.0	-7853.9
732	9.7	120325.0	-7823.0	822	9.0	132820.0	-7814.5	911	9.7	143819.0	-7838.3
733	9.6	120325.0	-7845.0	823	9.3	132900.0	-7848.0	912	9.4	143820.0	-7838.6
734	10.3	120419.0	-7824.9	824	9.1	133257.0	-7817.6	913	9.6	143822.0	-7842.1
735	10.0	120521.0	-7858.0	825	9.0	133309.0	-7845.8	914	9.4	143847.0	-7813.8
736	10.2	120547.0	-7848.5	826	9.1	133611.0	-7823.8	915	9.6	143909.0	-7849.8
737	10.2	120615.0	-7806.9	827	9.0	133624.0	-7826.1	916	9.3	143956.0	-7832.7
738	9.8	120725.0	-7828.6	828	9.1	133742.0	-7857.0	917	7.5	144000.0	-7821.9
739	9.8	120922.0	-7824.3	829	8.8	134101.0	-7800.2	918	9.5	144034.0	-7801.9
740	9.7	121000.0	-7803.8	830	9.4	134107.0	-7849.8	919	9.4	144045.0	-7852.9
741	4.5	121103.0	-7837.1	831	9.4	134228.0	-7808.2	920	9.4	144120.0	-7830.7
742	9.8	121117.0	-7809.8	832	9.1	134322.0	-7830.0	921	9.5	144122.0	-7808.1
743	9.7	121137.0	-7810.6	833	9.3	134602.0	-7848.4	922	9.7	144152.0	-7859.8
744	10.2	121224.0	-7838.3	834	9.5	134638.0	-7835.5	923	9.7	144217.0	-7804.3
745	9.7	121303.0	-7836.2	835	9.4	134759.0	-7858.8	924	9.3	144240.0	-7840.8
746	10.0	121319.0	-7828.8	836	9.3	134944.0	-7823.9	925	9.7	144300.0	-7836.4
747	7.4	121415.0	-7846.3	837	9.2	135037.0	-7844.8	926	9.4	144306.0	-7859.9
748	8.9	121421.0	-7849.8	838	9.3	135055.0	-7803.6	927	8.9	144309.0	-7832.8
749	9.8	121506.0	-7831.4	839	9.3	135308.0	-7814.8	928	9.5	144317.0	-7855.8
750	9.7	121657.0	-7836.6	840	9.5	135328.0	-7852.8	929	9.4	144323.0	-7828.0
751	9.7	121734.0	-7816.0	841	8.5	135414.0	-7838.9	930	9.4	144328.0	-7824.3
752	9.8	121849.0	-7800.9	842	9.3	135631.0	-7818.3	931	9.7	144328.0	-7851.9
753	10.2	122040.0	-7800.4	843	9.7	135640.0	-7822.4	932	9.6	144343.0	-7820.9
754	9.8	122108.0	-7851.1	844	9.4	135716.0	-7824.8	933	9.4	144354.0	-7824.9
755	9.3	122117.0	-7838.8	845	9.2	135808.0	-7831.5	934	8.7	144407.0	-7800.0
756	9.9	122304.0	-7810.4	846	9.4	135914.0	-7841.7	935	9.1	144426.0	-7820.2

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936	9.4	144541.0	-7838.3	946	9.6	145153.0	-7812.9	1006	9.4	151440.0	-7804.2
937	9.6	144620.0	-7832.6	947	9.5	145224.0	-7816.1	1007	9.4	151531.0	-7855.6
938	9.7	144620.0	-7802.4	948	9.3	145241.0	-7801.2	1008	9.7	151537.0	-7804.8
939	9.6	144638.0	-7852.2	949	9.4	145257.0	-7802.4	1009	9.6	151703.0	-7844.9
940	9.4	144646.0	-7853.4	950	9.7	145300.0	-7816.1	1010	9.7	151715.0	-7809.2
941	9.4	144804.0	-7831.1	951	9.5	145312.0	-7808.9	1011	9.6	151716.0	-7814.0
942	9.7	144916.0	-7808.8	952	9.7	145336.0	-7829.5	1012	9.0	151716.0	-7832.6
943	9.7	145021.0	-7834.5	953	9.7	145357.0	-7808.5	1013	9.3	151735.0	-7800.5
944	9.5	145024.0	-7842.9	954	9.4	145535.0	-7841.7	1014	7.4	151825.0	-7839.2
945	9.3	145057.0	-7833.0	955	9.4	145551.0	-7809.0	1015	9.4	151839.0	-7807.2
946	8.8	145602.0	-7831.8	956	9.7	145943.0	-7823.3	1016	9.7	151855.0	-7820.5
957	9.6	145606.0	-7854.8	967	9.7	145951.0	-7803.2	1017	9.7	151903.0	-7824.9
958	9.5	145641.0	-7804.4	968	9.6	150016.0	-7822.3	1018	9.7	151935.0	-7850.6
959	9.6	145643.0	-7804.7	969	9.7	150043.0	-7800.5	1019	9.7	151945.0	-7835.0
960	9.4	145657.0	-7829.9	970	9.4	150048.0	-7857.0	1020	8.1	151951.0	-7826.9
961	9.1	145707.0	-7831.9	971	9.6	150101.0	-7838.5	1021	9.6	152048.0	-7856.5
962	9.4	145727.0	-7828.3	972	7.3	150220.0	-7800.2	1022	9.7	152127.0	-7855.9
963	9.7	145730.0	-7806.1	973	8.8	150228.0	-7832.6	1023	9.4	152143.0	-7828.2
964	8.9	145748.0	-7858.1	974	9.5	150229.0	-7801.5	1024	9.6	152145.0	-7805.8
965	7.7	145843.0	-7839.5	975	9.4	150234.0	-7808.7	1025	9.5	152345.0	-7833.9
966	9.7	145943.0	-7823.3	976	9.4	150310.0	-7847.4				
967	9.7	145951.0	-7803.2	977	9.0	150322.0	-7801.4				
968	9.6	150016.0	-7822.3	978	8.9	150326.0	-7849.5				
969	9.7	150043.0	-7800.5	979	9.4	150406.0	-7823.6				
970	9.4	150048.0	-7857.0	980	9.3	150425.0	-7826.2				
971	9.6	150101.0	-7838.5	981	9.1	150431.0	-7815.6				
972	7.3	150220.0	-7800.2	982	9.6	150509.0	-7852.6				
973	8.8	150228.0	-7832.6	983	9.5	150516.0	-7808.3				
974	9.5	150229.0	-7801.5	984	9.7	150520.0	-7800.8				
975	9.4	150234.0	-7808.7	985	9.7	150622.0	-7808.6				
976	9.3	150700.0	-7809.1								
987	9.7	150723.0	-7813.0								
988	9.6	150753.0	-7849.8								
989	9.7	150755.0	-7830.7								
990	9.6	150917.0	-7851.2								
991	9.5	150937.0	-7826.1								
992	9.4	151001.0	-7808.5								
993	9.7	151004.0	-7802.0								
994	8.3	151021.0	-7851.4								
995	9.4	151043.0	-7825.0								
996	9.6	151104.0	-7800.4								
997	9.7	151104.0	-7802.1								
998	9.1	151257.0	-7823.8								
999	9.4	151258.0	-7831.1								
1000	9.7	151308.0	-7832.5								
1001	9.6	151330.0	-7823.9								
1002	9.4	151349.0	-7808.2								
1003	9.7	151350.0	-7830.0								
1004	9.4	151402.0	-7831.9								
1005	8.0	151409.0	-7818.6								

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-78 1385 21h03m

1026	9.5	152346.0	-7827.9	1116	9.7	163224.0	-7814.9	1206	9.8	184656.5	-7836.9	1296	9.3	195546.2	-7813.1
1027	9.7	152437.0	-7842.6	1117	9.6	163353.8	-7810.3	1207	9.8	184805.5	-7830.7	1297	9.8	195623.2	-7804.9
1028	9.4	152456.0	-7801.5	1118	9.6	163629.8	-7833.6	1208	9.2	184904.5	-7847.0	1298	9.4	195658.7	-7819.8
1029	9.6	152506.0	-7850.7	1119	9.7	163942.0	-7831.7	1209	9.3	185005.0	-7814.4	1299	8.4	195707.0	-7842.9
1030	9.7	152601.0	-7817.2	1120	9.0	164426.0	-7823.3	1210	9.7	185017.0	-7818.9	1300	9.2	195948.2	-7810.0
1031	8.8	152605.0	-7818.0	1121	9.0	164501.0	-7816.6	1211	8.0	185118.5	-7814.5	1301	9.4	200215.2	-7855.0
1032	9.5	152611.0	-7806.6	1122	9.0	164740.0	-7821.4	1212	9.4	185229.5	-7809.0	1302	9.8	200459.8	-7810.1
1033	9.3	152622.0	-7804.6	1123	9.4	165138.0	-7828.3	1213	8.9	185230.0	-7821.5	1303	9.6	200516.2	-7800.4
1034	9.6	152645.0	-7821.8	1124	8.2	165250.0	-7817.7	1214	9.0	185316.3	-7847.2	1304	9.4	200726.5	-7846.2
1035	9.6	152656.0	-7846.9	1125	9.4	165515.0	-7828.0	1215	8.3	185318.5	-7847.6	1305	9.6	200727.0	-7837.5
1036	9.7	152657.0	-7850.3	1126	7.3	165547.0	-7814.1	1216	9.8	185319.5	-7813.8	1306	9.3	200729.2	-7834.3
1037	9.0	152659.0	-7819.1	1127	8.8	165655.0	-7845.8	1217	7.9	185411.2	-7803.3	1307	9.7	200746.4	-7857.8
1038	9.6	152808.0	-7839.4	1128	8.4	165940.0	-7843.6	1218	8.5	185436.4	-7811.6	1308	7.8	200912.0	-7835.1
1039	9.7	152813.0	-7812.6	1129	7.5	170111.0	-7855.0	1219	9.6	185505.4	-7851.1	1309	9.4	201030.0	-7819.5
1040	9.5	152826.0	-7815.8	1130	8.7	170317.0	-7834.9	1220	9.2	185507.0	-7827.5	1310	9.4	201121.0	-7806.2
1041	9.7	152923.0	-7828.1	1131	9.1	170742.0	-7855.3	1221	9.4	185520.4	-7849.9	1311	8.1	201301.8	-7803.7
1042	9.4	153023.0	-7837.6	1132	9.4	171359.0	-7805.9	1222	9.4	185523.9	-7839.7	1312	8.4	201312.5	-7801.2
1043	9.5	153059.0	-7801.7	1133	8.0	171435.0	-7801.7	1223	9.3	185632.4	-7817.0	1313	9.3	201317.3	-7833.4
1044	9.4	153136.0	-7835.3	1134	9.4	171607.0	-7817.1	1224	8.9	185727.0	-7810.9	1314	9.0	201404.0	-7847.7
1045	9.5	153159.0	-7858.5	1135	8.9	171801.0	-7840.6	1225	9.3	185852.7	-7858.4	1315	9.2	201526.0	-7816.6
1046	9.3	153225.0	-7817.8	1136	9.4	171857.0	-7806.5	1226	9.6	185856.1	-7802.0	1316	10.0	201742.5	-7812.4
1047	9.5	153259.0	-7817.4	1137	9.3	171954.0	-7802.8	1227	9.3	190112.4	-7845.3	1317	8.7	201823.0	-7853.3
1048	9.5	153305.0	-7838.4	1138	9.1	172016.0	-7834.4	1228	9.8	190304.4	-7859.9	1318	10.1	201824.0	-7839.5
1049	9.5	153305.0	-7850.9	1139	9.4	172118.0	-7848.4	1229	9.8	190401.4	-7823.9	1319	9.3	201922.7	-7836.4
1050	9.0	153309.0	-7813.2	1140	9.4	172232.0	-7812.0	1230	9.7	190512.2	-7809.1	1320	9.2	202007.5	-7823.7
1051	9.7	153328.0	-7803.7	1141	9.0	172255.0	-7854.2	1231	8.0	190827.9	-7827.2	1321	9.0	202027.1	-7825.0
1052	9.7	153403.0	-7839.8	1142	8.2	172316.0	-7836.7	1232	9.6	190830.4	-7807.0	1322	9.6	202044.8	-7823.3
1053	7.9	153415.0	-7819.3	1143	9.4	172525.0	-7802.8	1233	9.4	190908.2	-7858.3	1323	10.0	202248.1	-7854.2
1054	9.5	153503.0	-7830.6	1144	8.8	172644.0	-7812.3	1234	9.4	191055.5	-7858.9	1324	9.6	202325.8	-7857.7
1055	9.7	153526.0	-7818.7	1145	9.7	172738.0	-7848.6	1235	9.4	191113.9	-7824.5	1325	8.6	202608.1	-7816.6
1056	9.6	153549.0	-7819.9	1146	9.2	173057.0	-7831.0	1236	9.8	191301.9	-7812.8	1326	9.6	202610.1	-7846.1
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1058	9.5	153638.0	-7832.9	1148	9.7	173144.0	-7852.5	1238	9.6	191356.4	-7823.1	1328	9.6	202805.6	-7813.4
1059	9.5	153700.0	-7836.8	1149	9.1	173207.0	-7843.6	1239	9.2	191404.9	-7847.9	1329	9.7	202847.6	-7847.4
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1061	9.4	153903.0	-7800.3	1151	9.4	173246.0	-7838.0	1241	9.8	191532.9	-7818.3	1331	10.0	203024.6	-7847.1
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1064	9.1	154119.0	-7845.8	1154	9.0	174316.0	-7840.9	1244	9.7	191756.9	-7829.7	1334	9.7	203245.6	-7814.7
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1066	9.5	154217.0	-7822.2	1156	8.7	174934.0	-7859.0	1246	9.8	192213.4	-7851.8	1336	10.1	203257.1	-7814.8
1067	9.4	154217.0	-7836.5	1157	9.4	175023.0	-7849.5	1247	9.4	192215.9	-7817.1	1337	9.2	203311.6	-7803.3
1068	9.2	154223.0	-7851.6	1158	9.6	175045.0	-7818.8	1248	9.0	192309.0	-7847.6	1338	9.7	203321.6	-7823.9
1069	9.3	154332.0	-7818.3	1159	9.0	175202.0	-7859.8	1249	9.7	192321.9	-7803.2	1339	9.6	203325.1	-7822.7
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1072	9.6	154425.0	-7826.3	1162	9.6	175436.0	-7848.1	1252	9.3	192611.4	-7843.4	1342	9.6	203416.0	-7813.7
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1074	9.4	154458.0	-7812.8	1164	9.6	175543.0	-7806.0	1254	9.6	192658.4	-7820.1	1344	7.9	203432.0	-7835.1
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1076	9.6	154518.0	-7840.2	1166	9.1	180546.0	-7825.0	1256	9.2	192722.9	-7827.0	1346	9.7	203606.5	-7842.2
1077	9.5	154522.0	-7850.7	1167	9.4	180737.0	-7830.6	1257	8.7	192856.4	-7825.9	1347	9.4	203616.5	-7852.1
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1079	9.5	154638.0	-7833.9	1169	9.0	180918.0	-7823.9	1259	9.7	192948.2	-7838.2	1349	9.6	203748.0	-7828.5
1080	9.0	154735.0	-7854.0	1170	9.2	180941.0	-7843.9	1260	9.8	193024.9	-7801.9	1350	10.1	203750.0	-7814.3
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1084	9.6	154859.0	-7833.3	1174	9.3	181522.0	-7847.6	1264	9.6	193247.9	-7802.3	1354	9.8	204104.0	-7853.5
1085	9.5	155034.0	-7828.2	1175	9.4	181622.0	-7809.4	1265	9.7	193411.9	-7836.3	1355	9.7	204111.5	-7852.9
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1088	8.5	155124.0	-7814.6	1178	9.0	182316.0	-7818.7	1268	9.8	193627.4	-7800.1	1358	10.3	204243.5	-7825.5
1089	8.6	155140.0	-7811.3	1179	8.9	182318.0	-7800.7	1269	9.2	193722.4	-7821.7	1359	8.4	204254.0	-7839.0
1090	8.7	155715.0	-7837.8	1180	7.1	182333.0	-7810.1	1270	9.4	193838.4	-7821.2	1360	9.7	204336.2	-7822.6
1091	9.3	160056.0	-7824.0	1181	9.4	182438.0	-7850.6	1271	9.4	193840.4	-7859.3	1361	10.0	204339.7	-7805.2
1092	7.0	160144.0	-7822.5	1182	9.4	182533.0	-7818.4	1272	9.8	193844.2	-7849.6	1362	10.3	204432.7	-7831.1
1093	7.3	160153.0	-7820.9	1183	9.3	182838.0	-7834.2	1273	9.2	194109.9	-7800.1	1363	9.4	204439.2	-7849.6
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1095	9.3	160311.8	-7849.7	1185	8.9	182923.0	-7847.9	1275	9.4	194243.9	-7844.7	1365	9.0	204502.2	-7821.5
1096	9.6	160336.8	-7814.6	1186	9.3	183018.0	-7806.3	1276	8.6	194323.9	-7821.3	1366	10.1	204502.7	-7837.0
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1098	9.6	160458.0	-7802.7	1188	9.6	183233.0	-7815.2	1278	9.8	194351.9	-7845.8	1368	10.2	204543.2	-7809.3
1099	9.1	160740.0	-7815.8	1189	9.7	183501.0	-7800.2	1279	9.6	194421.9	-7824.1	1369	9.4	204615.2	-7807.1
1100	9.3	161002.0	-7812.3	1190	9.3	183847.0	-7802.0	1280	8.9	194442.9	-7840.2	1370	8.6	204845.1	-7801.9
1101	9.3	161005.0	-7845.4	1191	9.3	183903.0	-7843.1	1281	8.2	194527.9	-7835.8	1371	9.6	204857.7	-7829.6
1102	9.4	161352.0	-7819.8	1192	9.4	183933.0	-7815.0	1282	9.3	194642.9	-7806.1	1372	10.1	205100.7	-7850.8
1103	5.2	161421.0	-7836.7	1193	9.8	184128.5	-7849.0	1283	8.7	194643.9	-7811.9	1373	9.7	205137.2	-7844.5
1104	9.0	161501.0	-7830.7	1194	9.8	184131.5	-7849.5	1284	9.6	194715.0	-7807.1	1374	10.3	205159.7	-7829.8
1105	8.7	161922.0	-7829.8	1195	8.5	184132.0	-7847.0	1285	9.7	194735.0	-7855.1	1375	9.6	205304.7	-7832.9
1106	8.8	162013.0	-7818.0	1196	9.6	184133.5	-7832.2	1286	9.8	194739.5	-7835.1	1376	10.2	205329.2	-7858.1
1107	9.2	162035.0	-7818.6	1197	9.1	184138.0	-7856.9	1287	8.9	194745.0	-7808.4	1377	10.3	205426.2	-7812.9
1108	9.6	162120.8	-7812.7	1198	8.4	184209.5	-7831.7	1288	8.7	194755.7	-7822.1	1378	10.3	205631.2	-7821.5
1109	9.5	162123.0	-7802.9	1199	9.8	184258.5	-7846.5	1289	9.1	194807.5	-7809.1	1379	8.8	205656.8	-7815.7
1110	8.0	162318.0	-7846.0	1200	9.2	184419.5	-7836.7	1290	8.7	194913.0	-7831.3	1380	9.6	205917.3	-7820.4
1111	9.1	162453.0	-7855.0	1201	9.8	184517.5	-7825.8	1291	9.6	194932.5	-7829.9	1381	9.8	205950.8	-7814.2
1112	9.5	162720.0	-7836.0	1202	9.4	184537.5	-7842.5	1292	9.6	194957.5	-7854.2	1382	10.2	210047.8	-7831.2
1113	9.6	162807.8	-7819.0	1203	9.4	184540.5	-7836.7	1293	9.7	195041.5	-7817.8	1383	9.7	210101.3	-7846.5
1114	9.6	162818.8	-7815.4	1204	8.5	184622.3	-7839.7	1294	9.8	195045.5	-7851.5	1384	9.7	210239.3	-7814.1
1115	9.6	163213.8	-7832.5	1205	8.4	184645.0	-7801.5	1295	9.2	195319.7	-7817.9	1385	9.7	210308.1	-7802.6

1386	9.2	210407.3	-7855.4	1476	9.0	233236.0	-7854.2	82	9.2	30219.0	-7957.7	172	9.5	51837.0	-7957.6
1387	10.0	210449.3	-7858.3	1477	8.8	233334.0	-7851.5	83	9.8	30248.3	-7933.6	173	9.2	51958.0	-7907.2
1388	9.4	210842.6	-7802.6	1478	8.8	233429.0	-7820.6	84	9.2	30251.3	-7944.7	174	9.4	52017.0	-7912.1
1389	9.4	210917.8	-7805.7	1479	8.6	233604.0	-7830.0	85	9.3	30336.8	-7937.0	175	9.8	52241.0	-7955.7
1390	9.3	210925.6	-7826.8	1480	9.2	233607.0	-7815.3	86	9.4	30350.3	-7909.9	176	9.8	52344.0	-7915.0
1391	9.4	211005.8	-7849.1	1481	8.6	233626.0	-7848.8	87	8.4	30549.9	-7915.4	177	9.8	52852.0	-7928.0
1392	9.2	211050.3	-7821.5	1482	8.8	233629.0	-7810.5	88	9.0	30621.4	-7908.0	178	9.4	52919.0	-7947.2
1393	9.4	211140.6	-7824.9	1483	9.0	233851.0	-7815.8	89	9.8	31022.7	-7953.4	179	9.8	53104.0	-7901.3
1394	9.2	211206.1	-7822.0	1484	9.5	234717.0	-7813.8	90	8.9	31114.3	-7923.3	180	9.6	53232.0	-7947.4
1395	9.6	211214.1	-7819.7	1	6.5	00153.0	-7917.7	91	5.6	31150.3	-7927.8	181	9.6	53235.0	-7941.0
1396	10.3	211234.6	-7813.1	2	10.0	00333.0	-7932.1	92	9.3	31156.7	-7924.6	182	9.8	53255.0	-7950.6
1397	9.6	211247.1	-7805.3	3	9.0	00356.0	-7917.1	93	9.6	31422.7	-7934.7	183	10.0	53256.0	-7953.0
1398	9.6	211309.9	-7849.9	4	7.4	00406.0	-7941.8	94	9.8	31432.2	-7932.4	184	8.6	53445.0	-7951.3
1399	8.9	211357.2	-7829.8	5	9.8	00913.0	-7905.6	95	9.8	31646.2	-7925.0	185	9.8	53627.0	-7955.5
1400	9.6	211455.4	-7802.1	6	9.4	01043.0	-7922.3	96	9.2	31717.6	-7951.0	186	8.6	53913.0	-7905.2
1401	9.7	211550.4	-7810.1	7	6.4	01115.0	-7928.4	97	9.8	31759.2	-7911.4	187	9.8	53926.0	-7955.7
1402	9.8	211641.6	-7859.2	8	7.6	01226.0	-7955.5	98	7.1	31815.3	-7916.9	188	9.6	54226.0	-7952.0
1403	9.7	211849.9	-7835.0	9	9.2	02228.0	-7913.1	99	8.9	31841.8	-7924.1	189	9.3	54244.0	-7935.6
1404	10.2	211919.9	-7850.0	10	9.2	02845.0	-7921.5	100	9.8	32548.7	-7905.6	190	9.2	54319.0	-7953.5
1405	9.8	211938.9	-7829.1	11	9.5	03044.0	-7911.9	101	9.2	32918.3	-7947.4	191	9.6	54341.0	-7926.4
1406	9.5	212043.4	-7840.1	12	9.4	03203.0	-7909.1	102	9.2	32955.6	-7905.7	192	9.9	54535.0	-7954.0
1407	10.1	212159.2	-7857.5	13	9.0	03300.0	-7946.2	103	9.8	33030.6	-7922.6	193	8.0	54536.0	-7958.3
1408	10.0	212330.4	-7820.8	14	9.4	04034.0	-7936.0	104	9.2	33100.8	-7902.4	194	9.8	55057.0	-7933.3
1409	9.7	212350.4	-7819.2	15	9.4	04047.0	-7905.6	105	9.8	33129.6	-7914.7	195	9.8	55127.0	-7913.9
1410	9.7	212354.9	-7825.4	16	9.0	04211.0	-7930.3	106	9.0	33615.6	-7932.9	196	8.8	55130.0	-7934.4
1411	10.0	212453.9	-7839.8	17	9.6	04226.0	-7912.1	107	10.0	33858.0	-7907.2	197	9.9	55157.0	-7922.1
1412	9.6	212525.4	-7858.0	18	9.3	04427.0	-7908.9	108	9.5	34117.0	-7914.5	198	9.6	55258.0	-7920.6
1413	9.7	212757.4	-7855.8	19	9.0	04647.0	-7953.7	109	7.7	34204.0	-7930.0	199	9.8	55707.0	-7910.9
1414	9.8	212847.4	-7804.7	20	9.3	04741.0	-7910.6	110	9.4	34225.0	-7932.2	200	9.4	55753.0	-7948.7
1415	9.6	213231.6	-7859.0	21	9.3	04755.0	-7919.1	111	9.5	34533.0	-7934.4	201	10.0	55828.0	-7916.9
1416	9.6	213524.7	-7802.3	22	9.5	05042.0	-7950.9	112	8.6	34552.0	-7952.1	202	5.6	55843.0	-7922.9
1417	10.3	213556.9	-7817.5	23	9.1	05634.0	-7901.3	113	8.9	34721.0	-7909.4	203	9.2	55901.0	-7919.0
1418	8.4	213557.9	-7847.7	24	9.3	05939.0	-7905.9	114	8.7	34731.0	-7957.7	204	9.8	60120.0	-7943.1
1419	9.7	213702.4	-7827.7	25	7.8	10104.0	-7900.8	115	9.5	34731.0	-7931.4	205	9.6	60437.0	-7931.4
1420	9.6	213816.4	-7842.2	26	9.4	10124.0	-7900.4	116	9.7	34750.0	-7934.8	206	10.0	60528.0	-7923.0
1421	8.6	213906.4	-7823.4	27	9.3	10357.0	-7954.2	117	9.4	35306.0	-7916.3	207	9.2	60756.0	-7944.2
1422	10.3	213938.9	-7827.8	28	9.3	10413.0	-7906.3	118	9.2	35439.0	-7946.1	208	9.5	60845.0	-7912.4
1423	10.0	213954.9	-7821.3	29	9.4	10438.0	-7922.4	119	9.4	35723.0	-7908.0	209	9.8	60928.0	-7952.3
1424	10.0	214051.9	-7836.9	30	8.7	10642.0	-7905.1	120	10.0	35752.0	-7935.3	210	8.4	61027.0	-7951.3
1425	9.2	214102.6	-7820.2	31	9.3	10656.0	-7953.5	121	8.7	35910.0	-7942.0	211	9.5	61227.0	-7930.7
1426	9.7	214115.7	-7842.2	32	9.3	10838.0	-7922.1	122	9.5	40002.0	-7931.0	212	9.8	61229.0	-7927.0
1427	10.1	214159.2	-7839.3	33	9.3	11042.0	-7943.2	123	9.4	40046.0	-7937.4	213	9.6	61520.0	-7913.0
1428	9.4	214618.6	-7857.5	34	8.8	11340.0	-7902.4	124	9.7	40117.0	-7925.0	214	8.6	61707.0	-7941.2
1429	10.1	214756.2	-7852.0	35	9.3	11807.0	-7943.9	125	9.4	40203.0	-7908.6	215	9.4	61821.0	-7910.0
1430	7.3	214841.9	-7815.5	36	8.9	12238.0	-7951.7	126	9.7	40235.0	-7926.7	216	9.8	62404.0	-7908.6
1431	9.6	214916.7	-7817.9	37	8.5	12658.0	-7941.2	127	10.0	40338.0	-7930.5	217	9.8	62501.0	-7922.8
1432	10.0	214941.2	-7807.0	38	9.2	12741.0	-7903.3	128	9.5	40711.0	-7937.2	218	9.4	63059.0	-7933.0
1433	8.9	215115.9	-7846.7	39	9.2	13032.0	-7936.1	129	8.4	40719.0	-7932.7	219	9.0	63311.0	-7937.8
1434	10.3	215138.2	-7847.9	40	7.1	13249.0	-7908.4	130	9.5	40735.0	-7904.8	220	9.4	63648.0	-7942.1
1435	9.6	215455.3	-7857.9	41	9.2	13311.0	-7915.6	131	9.7	41443.0	-7943.1	221	9.2	63826.0	-7950.8
1436	9.2	215650.0	-7824.9	42	8.6	13416.0	-7913.7	132	9.3	41500.0	-7943.8	222	9.2	63855.0	-7921.6
1437	9.4	215832.0	-7837.3	43	8.7	13903.0	-7956.6	133	9.8	41607.0	-7929.1	223	10.0	64621.0	-7904.8
1438	8.2	220105.0	-7856.7	44	7.0	14118.0	-7946.8	134	8.0	41629.0	-7919.9	224	9.7	64707.0	-7934.9
1439	9.0	220227.0	-7807.0	45	8.2	14854.0	-7906.2	135	9.0	41645.0	-7939.4	225	10.0	64820.0	-7905.5
1440	9.6	220328.0	-7853.6	46	9.0	15119.0	-7908.7	136	9.7	41904.0	-7946.5	226	9.5	64837.0	-7944.7
1441	9.4	220406.0	-7854.0	47	9.4	15518.0	-7949.3	137	9.3	42002.0	-7900.8	227	9.5	64855.0	-7903.6
1442	6.0	220537.0	-7807.9	48	9.0	15557.0	-7927.6	138	9.1	42032.0	-7955.5	228	8.9	65024.0	-7928.2
1443	9.4	220612.0	-7811.9	49	9.8	15824.0	-7907.0	139	9.4	42037.0	-7912.7	229	8.7	65029.0	-7959.2
1444	8.7	220836.0	-7803.1	50	7.7	15829.0	-7922.2	140	9.8	42303.0	-7900.3	230	9.2	65032.0	-7923.2
1445	8.7	220916.0	-7859.9	51	7.8	20149.6	-7928.2	141	6.8	42638.0	-7948.5	231	9.5	65133.0	-7955.2
1446	9.6	221051.0	-7829.7	52	8.2	20439.1	-7917.8	142	9.0	42710.0	-7951.7	232	9.0	65226.0	-7941.9
1447	8.0	221537.0	-7820.9	53	9.0	20902.1	-7934.6	143	8.7	42730.0	-7932.1	233	9.3	65458.0	-7902.3
1448	9.4	221735.0	-7824.8	54	9.8	21043.1	-7959.3	144	9.5	42742.0	-7926.0	234	9.2	65616.0	-7940.9
1449	8.2	221751.0	-7850.9	55	9.1	21348.6	-7953.5	145	9.3	43049.0	-7937.9	235	8.9	65933.0	-7958.3
1450	9.4	221820.0	-7838.5	56	8.9	21511.6	-7936.3	146	9.7	43241.0	-7922.3	236	9.8	70142.0	-7947.0
1451	9.5	222459.0	-7837.8	57	8.3	21736.1	-7936.1	147	9.5	43808.0	-7933.3	237	9.2	70417.0	-7926.5
1452	8.5	222815.0	-7844.7	58	8.4	21754.6	-7946.0	148	9.7	43810.0	-7916.3	238	5.2	70427.0	-7914.1
1453	9.6	223028.0	-7835.6	59	9.1	21800.6	-7913.5	149	9.5	43855.0	-7943.3	239	9.5	70443.0	-7957.4
1454	9.5	223206.0	-7849.0	60	9.1	22411.7	-7954.4	150	9.0	44003.0	-7924.5	240	9.2	70504.0	-7914.8
1455	9.4	223304.0	-7840.4	61	9.2	22433.2	-7922.2	151	9.2	44030.0	-7925.8	241	9.3	70841.0	-7930.1
1456	9.6	223336.0	-7829.1	62	9.5	23024.8	-7937.7	152	8.2	44505.0	-7941.7	242	9.2	71539.0	-7916.0
1457	9.0	223719.0	-7807.2	63	9.0	23122.5	-7900.9	153	9.2	44628.0	-7933.4	243	7.2	71706.0	-7912.9
1458	9.6	223720.0	-7824.6	64	8.6	23142.4	-7944.6	154	8.9	44651.0	-7902.0	244	9.5	71954.0	-7929.5
1459	8.7	224240.0	-7812.3	65	8.7	23221.6	-7902.4	155	8.3	45051.0	-7920.7	245	8.2	71958.0	-7945.6
1460	9.5	224436.0	-7848.9	66	6.4	23421.8	-7939.3	156	9.5	45256.0	-7953.4	246	9.9	72631.0	-7932.9
1461	9.0	224940.0	-7823.9	67	9.0	23421.9	-7922.7	157	10.0	45327.0	-7949.6	247	8.8	72936.0	-7942.6
1462	9.5	225012.0	-7805.1	68	8.1	23549.0	-7934.7	158	9.3	45542.0	-7912.4	248	9.5	73011.0	-7929.7
1463	9.0	225737.0	-7858.8	69	9.5	23818.4	-7907.1	159	9.0	45714.0	-7933.4	249	9.8	73242.0	-7955.6
1464	9.2	230038.0	-7814.9	70	9.8	23930.4	-7947.1	160	9.8	50209.0	-7921.8	250	9.7	73808.0	-7925.0
1465	9.5	230125.0	-7817.6	71	8.0	24106.9	-7916.1	161	9.0	50249.0	-7948.6	251	9.2	74119.0	-7900.2
1466	9.6	230233.0	-7827.6	72	9.2	24238.4	-7940.1	162	9.7	50318.0	-7933.6	252	9.1	74359.0	-7947.7
1467	9.3	230514.0	-7858.4	73	9.3	24349.4	-7936.0	163	9.8	50324.0	-7933.7	253	8.9	74524.0	-7930.4
1468	8.6	230622.0	-7834.4	74	9.6	24507.4	-7933.4	164	9.3	50342.0	-7918.9	254	8.6	74542.0	-7907.2
1469	8.9	231025.0	-7817.3	75	9.8	24759.4	-7945.0	165	9.7	50703.0	-7923.0	255	8.7	75236.0	-7921.0
1470	9.3	231344.0	-7815.5	76	9.2	24814.3	-7947.0	166	10.0	50953.0	-7931.3	256	8.4	75744.0	-7950.4
1471	8.0	231419.0	-7828.3	77	9.2	25237.3	-7928.0	167	9.4	51206.0	-7940.0	257	8.7	80422.0	-7917.0
1472	8.8	231451.0	-7851.4	78	8.6	25350.4	-7911.7	168	8.5	51221.0	-7951.8	258	9.2	80724.0	-7930.1
1473	6.4	232510.0	-7804.5	79	9.0	25502.4	-7918.3	169	9.3	51634.0	-7955.2	259	8.9	80807.0	-7919.2
1474	8.8	232924.0	-7850.7	80	9.8	25821.8	-7917.2	170	9.6	51702.0	-7934.3	260	10.2	80834.0	-7947.7
1475	9.6	233022.0	-7800.8	81	8.7	30152.4	-7920.3	171	10.0	51835.0	-7954.5	261	9.6	80920.0	-7948.4

-79 262 8h09m

-79 621 11h16m

262	9.8	80945.0	-7917.9	352	7.7	85025.0	-7902.4	442	9.3	94134.0	-7910.6	532	9.5	103356.0	-7933.2
263	9.7	80953.0	-7901.1	353	8.7	85035.0	-7913.4	443	9.8	94139.0	-7918.0	533	9.4	103400.0	-7916.1
264	10.0	81026.0	-7951.8	354	10.3	85128.0	-7909.0	444	9.7	94154.0	-7949.0	534	9.7	103422.0	-7931.4
265	10.2	81035.0	-7942.7	355	10.3	85204.0	-7911.9	445	9.4	94220.0	-7906.5	535	9.7	103446.0	-7915.3
266	9.8	81106.0	-7913.9	356	10.0	85217.0	-7908.4	446	8.4	94228.0	-7949.0	536	9.9	103453.0	-7933.1
267	10.0	81113.0	-7937.3	357	10.0	85411.0	-7944.8	447	9.8	94431.0	-7921.5	537	9.7	103456.0	-7908.7
268	9.9	81139.0	-7915.8	358	10.0	85457.0	-7914.1	448	8.4	94454.0	-7901.0	538	9.8	103456.0	-7919.8
269	9.8	81216.0	-7906.5	359	10.2	85553.0	-7938.5	449	9.7	94717.0	-7935.0	539	8.4	103519.0	-7938.9
270	10.3	81420.0	-7958.7	360	9.7	85557.0	-7937.3	450	8.8	94725.0	-7955.8	540	9.9	103639.0	-7917.1
271	10.1	81443.0	-7923.3	361	9.8	85615.0	-7939.8	451	9.4	94739.0	-7904.0	541	9.5	103721.0	-7909.8
272	9.8	81520.0	-7935.0	362	9.8	85638.0	-7942.3	452	9.7	94757.0	-7904.0	542	9.7	103859.0	-7937.1
273	10.1	81557.0	-7902.3	363	9.5	85649.0	-7949.7	453	9.6	94758.0	-7956.9	543	9.8	103957.0	-7901.9
274	10.0	81703.0	-7903.2	364	10.3	85659.0	-7910.9	454	9.7	95030.0	-7957.9	544	9.9	103959.0	-7900.2
275	9.2	81738.0	-7922.2	365	9.0	85705.0	-7943.3	455	9.9	95155.0	-7951.9	545	9.9	104017.0	-7932.8
276	9.8	81826.0	-7912.4	366	10.2	85727.0	-7907.0	456	9.8	95234.0	-7911.1	546	9.4	104021.0	-7904.1
277	9.8	81843.0	-7944.8	367	9.9	85850.0	-7917.3	457	6.9	95247.0	-7928.2	547	9.5	104022.0	-7938.3
278	9.1	81852.0	-7936.1	368	10.1	85935.0	-7938.5	458	9.4	95426.0	-7956.3	548	6.0	104032.0	-7907.8
279	9.9	81912.0	-7902.0	369	10.3	85945.0	-7910.6	459	9.5	95436.0	-7955.9	549	9.4	104158.0	-7940.2
280	9.9	81956.0	-7909.6	370	10.2	90034.0	-7957.6	460	9.8	95556.0	-7910.9	550	9.8	104334.0	-7911.7
281	9.7	81959.0	-7929.0	371	8.0	90126.0	-7938.9	461	9.7	95607.0	-7955.0	551	9.7	104336.0	-7900.1
282	10.3	82016.0	-7955.6	372	10.0	90218.0	-7942.7	462	9.5	95615.0	-7936.0	552	9.7	104338.0	-7909.0
283	10.0	82053.0	-7909.7	373	9.7	90240.0	-7904.6	463	9.7	95616.0	-7913.3	553	9.6	104340.0	-7938.7
284	9.6	82056.0	-7958.0	374	9.6	90413.0	-7901.3	464	9.1	95620.0	-7949.5	554	7.2	104401.0	-7948.5
285	10.0	82101.0	-7935.8	375	10.3	90432.0	-7905.2	465	9.9	95707.0	-7938.8	555	9.1	104415.0	-7956.1
286	10.0	82136.0	-7931.6	376	9.7	90546.0	-7921.7	466	9.9	95903.0	-7909.7	556	4.8	104436.0	-7952.8
287	9.7	82221.0	-7918.5	377	9.9	90611.0	-7916.5	467	9.7	95933.0	-7925.3	557	9.3	104437.0	-7908.9
288	10.2	82305.0	-7902.3	378	10.0	90712.0	-7956.8	468	9.4	100000.0	-7900.0	558	9.4	104551.0	-7952.3
289	10.2	82316.0	-7932.1	379	9.8	90723.0	-7914.2	469	9.7	100016.0	-7928.1	559	9.4	104557.0	-7902.7
290	9.4	82401.0	-7944.7	380	10.1	90754.0	-7949.2	470	9.3	100025.0	-7922.4	560	9.5	104603.0	-7937.9
291	10.2	82426.0	-7953.9	381	9.5	90841.0	-7914.0	471	9.6	100234.0	-7915.9	561	9.5	104620.0	-7942.3
292	10.2	82523.0	-7936.7	382	9.9	90859.0	-7905.5	472	9.8	100354.0	-7944.3	562	9.7	104633.0	-7916.8
293	10.3	82530.0	-7941.3	383	10.2	90936.0	-7950.9	473	9.4	100415.0	-7918.1	563	9.1	104715.0	-7930.0
294	9.5	82537.0	-7909.7	384	10.1	91046.0	-7904.4	474	9.7	100421.0	-7957.2	564	9.6	104716.0	-7916.0
295	10.1	82540.0	-7934.3	385	10.0	91103.0	-7938.1	475	8.6	100452.0	-7931.2	565	9.4	104723.0	-7901.6
296	10.3	82631.0	-7938.7	386	10.1	91118.0	-7903.0	476	9.7	100457.0	-7904.0	566	9.7	104833.0	-7925.6
297	9.5	82631.0	-7932.0	387	10.2	91158.0	-7930.9	477	9.2	100559.0	-7903.0	567	9.6	104857.0	-7936.8
298	10.0	82642.0	-7925.5	388	10.2	91250.0	-7930.0	478	9.7	100626.0	-7935.5	568	9.3	104934.0	-7920.0
299	10.2	82804.0	-7910.9	389	9.3	91455.0	-7932.9	479	9.7	100711.0	-7902.0	569	9.3	104937.0	-7929.0
300	10.3	82805.0	-7946.3	390	9.5	91501.0	-7915.0	480	9.7	100857.0	-7904.3	570	8.9	104953.0	-7917.9
301	10.2	82841.0	-7929.4	391	10.2	91531.0	-7912.5	481	9.3	100900.0	-7942.0	571	9.7	105041.0	-7928.2
302	9.7	82906.0	-7926.2	392	10.1	91611.0	-7930.8	482	9.4	100913.0	-7944.4	572	9.8	105115.0	-7939.0
303	10.0	82920.0	-7941.7	393	10.2	91645.0	-7937.9	483	9.9	100937.0	-7926.5	573	9.5	105156.0	-7935.1
304	10.1	82952.0	-7930.8	394	10.1	91727.0	-7930.4	484	9.5	101139.0	-7918.8	574	9.5	105306.0	-7930.5
305	9.6	83029.0	-7919.3	395	10.1	91841.0	-7906.0	485	9.8	101210.0	-7916.3	575	9.6	105351.0	-7938.9
306	10.0	83036.0	-7912.0	396	9.5	91904.0	-7900.5	486	9.9	101220.0	-7954.2	576	9.2	105457.0	-7949.1
307	9.6	83039.0	-7956.8	397	10.0	91926.0	-7920.5	487	9.9	101255.0	-7941.0	577	9.3	105516.0	-7923.2
308	9.8	83043.0	-7922.5	398	10.0	91959.0	-7934.4	488	9.5	101446.0	-7940.9	578	9.8	105716.0	-7947.2
309	10.3	83059.0	-7936.1	399	9.9	92017.0	-7947.3	489	9.6	101506.0	-7935.5	579	9.5	105719.0	-7943.8
310	9.8	83107.0	-7938.8	400	10.1	92040.0	-7912.8	490	9.8	101519.0	-7959.8	580	9.3	105739.0	-7940.8
311	10.0	83139.0	-7908.7	401	8.9	92120.0	-7912.3	491	9.8	101742.0	-7905.0	581	9.2	105747.0	-7906.9
312	10.2	83159.0	-7900.5	402	8.5	92135.0	-7954.3	492	9.7	101744.0	-7943.4	582	9.3	105803.0	-7917.1
313	10.0	83221.0	-7910.6	403	9.8	92205.0	-7925.0	493	9.9	101819.0	-7906.4	583	9.1	105811.0	-7936.2
314	9.8	83245.0	-7957.2	404	10.2	92356.0	-7901.6	494	9.6	101940.0	-7947.3	584	9.2	105947.0	-7905.2
315	10.0	83401.0	-7918.4	405	9.4	92417.0	-7904.7	495	9.4	101941.0	-7927.8	585	9.9	105958.0	-7935.1
316	10.3	83409.0	-7910.2	406	8.4	92429.0	-7951.4	496	9.5	101957.0	-7910.4	586	9.8	110002.0	-7959.8
317	10.3	83422.0	-7915.7	407	9.9	92449.0	-7929.1	497	9.9	102016.0	-7941.8	587	9.5	110134.0	-7917.4
318	10.2	83512.0	-7956.7	408	10.3	92456.0	-7957.0	498	9.8	102023.0	-7951.5	588	9.6	110140.0	-7951.9
319	10.1	83536.0	-7913.4	409	9.7	92502.0	-7912.0	499	9.6	102031.0	-7946.1	589	9.5	110226.0	-7940.7
320	10.3	83624.0	-7924.0	410	10.1	92539.0	-7952.8	500	9.9	102104.0	-7948.0	590	9.8	110255.0	-7953.0
321	10.0	83652.0	-7921.0	411	10.2	92657.0	-7950.5	501	9.7	102136.0	-7919.8	591	9.7	110337.0	-7907.1
322	10.0	83836.0	-7940.4	412	10.1	92727.0	-7928.4	502	9.9	102231.0	-7941.7	592	9.5	110341.0	-7930.7
323	10.2	83836.0	-7911.1	413	10.1	92854.0	-7950.5	503	9.4	102238.0	-7900.8	593	9.3	110404.0	-7938.3
324	10.0	83846.0	-7957.6	414	10.1	92915.0	-7901.1	504	9.6	102248.0	-7906.3	594	9.5	110415.0	-7939.8
325	9.6	83851.0	-7902.5	415	9.4	93005.0	-7917.0	505	9.5	102356.0	-7901.8	595	9.2	110422.0	-7947.3
326	9.9	83901.0	-7905.4	416	9.9	93100.0	-7907.9	506	9.7	102400.0	-7919.9	596	9.1	110430.0	-7951.0
327	8.4	83924.0	-7943.1	417	10.3	93205.0	-7950.5	507	9.2	102518.0	-7937.2	597	8.5	110434.0	-7904.8
328	10.3	83925.0	-7900.6	418	9.5	93217.0	-7907.1	508	9.4	102541.0	-7939.8	598	9.8	110507.0	-7937.2
329	9.8	84100.0	-7908.1	419	10.0	93238.0	-7911.0	509	9.4	102720.0	-7906.8	599	9.8	110514.0	-7959.4
330	10.0	84113.0	-7901.3	420	9.5	93256.0	-7924.3	510	9.7	102812.0	-7922.8	600	9.3	110542.0	-7942.7
331	10.2	84138.0	-7912.0	421	9.7	93319.0	-7944.6	511	9.4	102812.0	-7935.2	601	9.9	110605.0	-7944.2
332	10.3	84302.0	-7944.7	422	9.0	93351.0	-7949.6	512	9.7	102812.0	-7925.5	602	9.4	110616.0	-7917.0
333	10.2	84312.0	-7917.8	423	10.2	93436.0	-7941.1	513	9.5	102841.0	-7945.7	603	9.8	110632.0	-7911.6
334	10.3	84314.0	-7922.4	424	9.7	93459.0	-7956.2	514	9.7	102847.0	-7925.0	604	9.4	110716.0	-7932.9
335	10.1	84350.0	-7944.8	425	10.1	93550.0	-7918.1	515	9.	102855.0	-7959.0	605	9.7	110722.0	-7935.4
336	10.0	84414.0	-7904.0	426	10.1	93610.0	-7957.9	516	8.	102919.0	-7952.2	606	9.0	111028.0	-7943.1
337	10.2	84419.0	-7900.0	427	10.0	93622.0	-7954.9	517	8.7	102931.0	-7907.5	607	9.7	111035.0	-7939.0
338	9.7	84425.0	-7931.9	428	9.8	93703.0	-7954.9	518	9.8	102933.0	-7901.4	608	9.7	111133.0	-7925.3
339	10.3	84441.0	-7900.8	429	9.0	93713.0	-7918.5	519	9.7	103000.0	-7908.8	609	9.5	111200.0	-7934.0
340	8.4	84508.0	-7913.0	430	9.9	93721.0	-7900.2	520	9.4	103006.0	-7920.6	610	9.4	111213.0	-7958.2
341	10.3	84518.0	-7921.1	431	9.9	93722.0	-7911.1	521	9.4	103010.0	-7900.0	611	10.2	111240.0	-7933.3
342	9.9	84537.0	-7928.2	432	9.8	93740.0	-7937.8	522	9.5	103031.0	-7912.9	612	9.9	111253.0	-7923.3
343	9.8	84538.0	-7939.3	433	9.1	93919.0	-7916.4	523	9.5	103050.0	-7939.3	613	9.9	111307.0	-7933.7
344	10.2	84642.0	-7901.9	434	9.7	93935.0	-7939.6	524	9.8	103138.0	-7937.1	614	9.2	111316.0	-7946.9
345	10.0	84800.0	-7949.5	435	10.2	93959.0	-7931.9	525	9.7	103236.0	-7901.2	615	10.0	111321.0	-7907.1
346	9.8	84825.0	-7935.3	436	7.8	94041.0	-7946.9	526	9.8	103255.0	-7949.5	616	9.8	111336.0	-7931.7
347	9.9	84841.0	-7953.7	437	9.7	94048.0	-7901.9	527	9.3	103322.0	-7945.5	617	9.9	111354.0	-7911.1
348	10.2	84851.0	-7957.6	438	10.1	94112.0	-7923.7	528	9.4	103325.0	-7921.7	618	10.1	111443.0	-7907.4
349	10.0	84954.0	-7934.8	439	10.2	94126.0	-7934.4	529	7.4	103328.0	-7952.3	619	9.6	111531.0	-7906.1
350	9.9	84954.0	-7920.8	440	10.2	94132.0	-7938.9	530	9.5	103337.0	-7915.4	620	10.0	111536.0	-7934.0
351	9.8	85013.0	-7905.5	441	10.2	94134.0	-7908.5	531	9.7	103353.0	-7909.6	621	9.7	111655.0	-7934.0

C-5

-79 622 11h17m

-79 981 18h41m

622	10.3	111732.0	-7949.4	712	9.8	124841.0	-7949.9	802	9.1	145458.0	-7948.4
623	9.5	111745.0	-7958.2	713	8.2	124943.0	-7916.3	803	9.5	145500.0	-7938.7
624	9.8	111751.0	-7925.0	714	9.4	125123.0	-7920.7	804	9.7	145532.0	-7909.0
625	10.0	111800.0	-7929.1	715	9.5	125242.0	-7910.6	805	9.7	145539.0	-7930.0
626	10.3	111828.0	-7904.9	716	9.7	125342.0	-7910.5	806	8.8	145544.0	-7914.1
627	10.3	111935.0	-7905.0	717	8.0	125356.0	-7932.8	807	9.4	145713.0	-7939.4
628	10.0	112058.0	-7930.0	718	9.7	125431.0	-7920.4	808	9.7	145716.0	-7914.9
629	10.2	112103.0	-7904.9	719	8.8	125710.0	-7908.2	809	9.2	145720.0	-7908.0
630	10.0	112124.0	-7952.1	720	9.7	125751.0	-7914.4	810	9.6	145740.0	-7937.2
631	9.6	112128.0	-7957.0	721	9.0	125829.0	-7926.7	811	9.7	145744.0	-7903.7
632	9.4	112129.0	-7950.0	722	9.7	130025.0	-7926.9	812	9.1	145828.0	-7902.5
633	10.3	112147.0	-7935.9	723	6.7	130738.0	-7918.9	813	9.4	150015.0	-7936.8
634	9.7	112510.0	-7904.7	724	8.9	130804.0	-7905.1	814	9.4	150044.0	-7925.0
635	9.9	112543.0	-7923.7	725	9.3	130943.0	-7931.4	815	9.3	150138.0	-7956.9
636	9.7	112551.0	-7929.9	726	9.4	130957.0	-7930.3	816	8.7	150144.0	-7949.6
637	7.9	112917.0	-7933.6	727	9.7	131152.0	-7945.5	817	9.7	150229.0	-7901.7
638	10.0	112920.0	-7905.5	728	9.3	131420.0	-7902.7	818	9.7	150241.0	-7907.6
639	10.2	113012.0	-7952.5	729	9.4	131429.0	-7900.0	819	9.5	150244.0	-7902.4
640	9.3	113140.0	-7938.7	730	8.0	131705.0	-7936.3	820	9.2	150246.0	-7908.4
641	9.7	113248.0	-7952.0	731	9.4	131707.0	-7907.4	821	9.7	150257.0	-7940.3
642	10.0	113307.0	-7943.6	732	9.7	131923.0	-7929.6	822	9.6	150324.0	-7937.5
643	9.7	113336.0	-7918.7	733	8.2	132021.0	-7900.7	823	9.4	150332.0	-7907.9
644	9.4	113519.0	-7949.7	734	9.3	132122.0	-7907.5	824	9.6	150340.0	-7922.4
645	9.9	113533.0	-7930.2	735	9.5	132413.0	-7918.3	825	9.7	150352.0	-7921.9
646	9.6	113542.0	-7933.6	736	9.4	132640.0	-7925.0	826	9.5	150426.0	-7903.2
647	10.0	113812.0	-7942.4	737	9.4	132653.0	-7928.0	827	8.3	150601.0	-7958.8
648	6.6	113834.0	-7947.4	738	9.3	132722.0	-7902.7	828	9.7	150620.0	-7927.7
649	9.8	113851.0	-7940.0	739	8.2	132756.0	-7911.9	829	9.3	150626.0	-7905.0
650	10.2	114004.0	-7937.7	740	9.0	132844.0	-7956.4	830	9.7	150641.0	-7916.7
651	10.0	114055.0	-7939.7	741	9.0	133106.0	-7914.2	831	9.4	150756.0	-7945.7
652	10.2	114228.0	-7939.5	742	9.0	133239.0	-7908.1	832	9.4	150804.0	-7916.7
653	9.0	114343.0	-7928.6	743	9.5	133729.0	-7903.6	833	9.4	150832.0	-7952.5
654	9.5	114515.0	-7958.9	744	7.7	134003.0	-7939.0	834	9.0	150936.0	-7925.0
655	9.9	114549.0	-7906.1	745	9.3	134124.0	-7903.4	835	9.7	151021.0	-7907.0
656	9.8	114556.0	-7931.0	746	9.4	134417.0	-7908.9	836	9.4	151057.0	-7915.0
657	9.8	114639.0	-7902.8	747	9.2	134629.0	-7956.5	837	9.6	151118.0	-7956.7
658	10.0	114722.0	-7910.0	748	9.5	134758.0	-7902.8	838	9.1	151207.0	-7942.6
659	9.0	114928.0	-7901.1	749	9.5	135005.0	-7904.9	839	9.7	151219.0	-7929.0
660	10.0	115048.0	-7947.1	750	9.0	135132.0	-7928.4	840	9.7	151543.0	-7904.3
661	7.6	115117.0	-7947.9	751	9.5	135246.0	-7913.0	841	9.1	151553.0	-7918.6
662	9.9	115324.0	-7923.4	752	8.4	135601.0	-7900.7	842	9.5	151600.0	-7907.2
663	9.8	115426.0	-7916.7	753	9.4	140048.0	-7959.2	843	9.6	151605.0	-7929.4
664	10.3	115441.0	-7904.1	754	9.4	140519.0	-7954.7	844	8.7	151658.0	-7946.3
665	10.0	115527.0	-7941.2	755	5.2	140722.0	-7931.7	845	9.5	151702.0	-7946.0
666	10.0	115615.0	-7901.7	756	8.7	140755.0	-7908.1	846	9.6	151759.0	-7908.6
667	10.0	115634.0	-7935.6	757	9.4	141111.0	-7954.1	847	9.6	151814.0	-7914.8
668	10.0	115709.0	-7956.1	758	7.8	141348.0	-7946.7	848	9.4	151821.0	-7939.6
669	9.7	115845.0	-7924.0	759	9.5	141349.0	-7943.6	849	9.5	151901.0	-7907.3
670	10.2	115908.0	-7934.6	760	7.7	141403.0	-7932.2	850	9.4	151913.0	-7906.9
671	9.9	115920.0	-7920.9	761	8.5	141408.0	-7910.9	851	8.5	151921.0	-7910.9
672	9.8	120002.0	-7911.4	762	9.6	141415.0	-7910.9	852	9.2	152040.0	-7932.7
673	10.2	120015.0	-7934.7	763	9.4	141533.0	-7925.4	853	9.1	152054.0	-7949.6
674	9.3	120017.0	-7901.4	764	9.4	141622.0	-7922.0	854	9.7	152333.0	-7947.9
675	8.8	120030.0	-7933.7	765	9.4	141742.0	-7940.9	855	9.0	152340.0	-7916.6
676	9.3	120200.0	-7917.8	766	8.0	141817.0	-7923.7	856	9.3	152456.0	-7955.7
677	9.8	120239.0	-7941.2	767	9.1	141847.0	-7917.0	857	9.7	152618.0	-7944.3
678	9.9	120259.0	-7945.1	768	9.1	141959.0	-7903.1	858	9.4	152654.0	-7926.0
679	9.7	120307.0	-7936.2	769	9.7	142110.0	-7923.8	859	8.9	152659.0	-7918.9
680	9.3	120345.0	-7901.9	770	8.0	142219.0	-7926.6	860	9.7	152800.0	-7952.8
681	9.8	120822.0	-7945.4	771	9.6	142232.0	-7949.6	861	9.3	152805.0	-7907.9
682	8.9	121004.0	-7953.3	772	8.8	142358.0	-7904.7	862	9.4	152842.0	-7902.8
683	9.8	121041.0	-7900.0	773	9.7	142450.0	-7901.5	863	9.6	152858.0	-7931.3
684	9.8	121155.0	-7949.4	774	9.5	142605.0	-7936.4	864	9.7	153024.0	-7931.1
685	9.9	121221.0	-7950.3	775	9.5	142635.0	-7923.7	865	8.4	153044.0	-7913.3
686	7.6	121350.0	-7922.0	776	9.4	142648.0	-7948.1	866	9.6	153320.0	-7906.2
687	9.8	121658.0	-7910.9	777	9.6	142702.0	-7955.1	867	7.5	153409.0	-7900.7
688	9.8	121725.0	-7923.6	778	9.7	142703.0	-7946.6	868	9.4	153555.0	-7933.9
689	9.9	121936.0	-7924.1	779	9.6	142902.0	-7915.1	869	9.6	153637.0	-7929.6
690	9.9	122312.0	-7920.9	780	9.2	143018.0	-7951.1	870	9.5	153827.0	-7923.4
691	9.9	122315.0	-7941.6	781	9.5	143238.0	-7903.0	871	9.4	153833.0	-7942.9
692	9.0	122339.0	-7930.1	782	9.0	143317.0	-7940.9	872	9.1	153842.0	-7913.6
693	7.3	122404.0	-7905.5	783	9.4	143457.0	-7924.5	873	9.5	153854.0	-7926.3
694	9.8	122404.0	-7906.1	784	9.2	143538.0	-7948.0	874	8.3	154008.0	-7948.3
695	8.7	122518.0	-7903.7	785	9.3	143618.0	-7907.7	875	9.7	154216.0	-7938.9
696	10.0	122626.0	-7947.1	786	9.3	143724.0	-7930.8	876	9.4	154258.0	-7946.4
697	10.0	122659.0	-7901.6	787	9.1	143731.0	-7906.0	877	9.6	154333.0	-7944.2
698	10.0	122810.0	-7926.9	788	9.4	143740.0	-7910.6	878	9.7	154341.0	-7917.0
699	9.5	122932.0	-7908.4	789	8.9	143912.0	-7917.1	879	9.1	154341.0	-7912.6
700	9.7	123001.0	-7959.1	790	9.4	144314.0	-7949.5	880	9.1	154358.0	-7923.7
701	10.0	123137.0	-7925.7	791	9.6	144326.0	-7920.8	881	9.4	154447.0	-7957.1
702	10.2	123210.0	-7924.5	792	9.0	144459.0	-7946.2	882	9.5	154536.0	-7906.3
703	9.9	123758.0	-7915.3	793	9.1	144738.0	-7930.8	883	9.4	154556.0	-7953.6
704	10.0	123800.0	-7919.6	794	9.6	145024.0	-7921.4	884	9.5	154558.0	-7904.8
705	10.0	123818.0	-7953.1	795	7.0	145054.0	-7949.3	885	9.5	154620.0	-7931.6
706	9.9	123926.0	-7905.8	796	9.1	145142.0	-7922.8	886	9.4	154709.0	-7907.9
707	9.5	124321.0	-7954.0	797	8.7	145254.0	-7953.4	887	9.3	154724.0	-7913.4
708	9.5	124453.0	-7923.6	798	7.7	145320.0	-7907.5	888	9.1	154743.0	-7943.9
709	10.3	124554.0	-7952.1	799	9.6	145411.0	-7930.1	889	9.4	154803.0	-7929.2
710	9.8	124742.0	-7958.4	800	9.4	145426.0	-7902.0	890	9.2	154823.0	-7913.7
711	9.8	124820.0	-7927.0	801	9.5	145436.0	-7902.6	891	9.0	155024.0	-7949.3
892	9.7	155143.0	-7924.2								
893	9.7	155842.0	-7910.3								
894	9.3	155901.0	-7913.1								
895	9.1	155941.0	-7950.5								
896	8.2	160144.0	-7930.7								
897	9.0	160838.0	-7947.9								
898	9.6	161031.0	-7957.8								
899	8.6	161330.0	-7906.1								
900	9.6	161556.0	-7908.7								
901	9.7	162402.0	-7950.8								
902	9.6	162520.0	-7904.6								
903	8.6	162739.0	-7925.1								
904	9.7	162831.0	-7913.3								
905	9.5	162842.0	-7930.9								
906	8.6	162856.0	-7907.1								
907	9.4	163042.0	-7933.2								
908	7.5	163651.0	-7951.4								
909	9.0	163724.0	-7930.0								
910	9.6	163834.0	-7952.6								
911	8.8	164257.0	-7916.1								
912	9.2	164748.0	-7901.3								
913	9.6	164817.0	-7918.6								
914	8.6	165051.0	-7955.3								
915	9.5	165156.0	-7915.1								
916	9.6	165321.0	-7951.6								
917	9.3	170003.0	-7957.3								
918	9.6	170448.0	-7954.1								
919	8.6	170727.0	-7943.0								
920	9.7	170740.0	-7913.1								
921	9.4	171042.0	-7959.3								
922	9.1	171255.0	-7931.8								
923	9.2	171654.0	-7914.5								
924	9.6	171655.0	-7914.1								
925	9.4	171855.0	-7935.6								
926	9.3	172143.0	-7923.5								
927	9.1	172419.0	-7925.7								
928	9.2	172430.0	-7917.2								
929	9.6	172747.0	-7935.4								
930	8.8	172803.0	-7939.3								
931	9.4	172809.0	-7956.3								
932	9.2	172845.0	-7944.4								
933	9.3	172911.0	-7921.7								
934	9.4	172934.0	-7920.2								
935	8.9	172937.0	-7913.8								
936	9.3	172956.0	-7938.9								
937	8.9	173317.0	-7914.1								
938	9.6	173709.0	-7904.2								
939	9.7	173839.0	-7957.0								
940	9.6	174103.0	-7904.2								
941	9.4	174357.0	-7920.6								
942	8.8	174515.0	-7949.5								
943	9.3	174842.0	-7930.4								
944	9.6	174853.0	-7921.6								
945	9.6	175057.0	-7914.3								
946	9.0	175451.0	-7911.4								
947	9.0	175454.0	-7930.6								
948	9.0	175545.0	-7955.1								
949	9.3	175740.0	-7918.9								
950	9.3	180003.0	-7955.2								
951	9.3	180153.0	-7900.0								
952	9.0	180413.0	-7958.4								
953	9.6	180509.0	-7934.2								
954	9.1	180510.0	-7906.1								
955	8.4	180553.0	-7919.0								
956	9.0	180905.0	-7956.9								
957	9.5	181011.0	-7908.9								
958	9.6	181102.0	-7917.3								
959	9.6	181120.0	-7934.4								
960	8.4	181530.0	-7942.6								
961	9.6	181630.3	-7958.8								
962	9.0	182201.0	-7922.5								
963	8.6	182518.0	-7920.0								
964	9.3	182831.0	-7922.6								
965	9.6	182900.3	-7955.7								
966	9.6	183053.3	-7931.1								
967	9.0	183103.0	-7902.7								
968	9.2	183108.0	-7929.3								
969	8.3	183301.0	-7918.8								
970	9.6	183329.3	-7956.1								
971	9.1	183338.0	-7958.7								
972	9.4	183510.0	-7947.5								
973	9.4	183614.0	-7958.1								
974	9.3	183646.0	-7911.4								
975	8.9	183742.0	-7916.7								
976	9.4	183748.0	-7922.7								
977	9.8	183750.0	-7926.6								
978	9.8	183801.0	-7957.7								
979	9.6	183948.0	-7938.8								
980	9.1	184103.0	-7928.9								
981	9.4	184103.5	-7906.1								

-79 982 18h41m

-80 91 3h47m

982	8.7	184113.0	-7947.9	1072	8.1	200150.8	-7926.7	1162	10.0	212449.5	-7946.3	2	9.9	00244.0	-8041.0
983	9.8	184126.0	-7932.2	1073	8.8	200206.7	-7928.8	1163	9.6	212720.0	-7950.0	3	7.4	00553.0	-8052.2
984	9.0	184133.0	-7911.3	1074	7.2	200219.7	-7958.6	1164	10.0	212808.0	-7929.8	4	9.0	00638.0	-8053.7
985	7.4	184141.5	-7922.3	1075	9.1	200233.6	-7924.1	1165	9.7	212817.7	-7936.8	5	9.2	00719.0	-8012.2
986	8.9	184250.0	-7924.1	1076	9.3	200312.2	-7933.2	1166	9.6	212959.7	-7909.5	6	10.0	00753.0	-8035.8
987	9.2	184342.5	-7908.5	1077	9.7	200330.7	-7921.0	1167	9.3	213043.6	-7910.2	7	6.7	01025.0	-8032.6
988	9.4	184355.0	-7944.5	1078	9.6	200343.2	-7909.7	1168	9.6	213141.2	-7930.5	8	9.2	01625.0	-8033.6
989	8.9	184416.3	-7925.0	1079	6.7	200406.6	-7920.5	1169	9.6	213346.2	-7947.9	9	9.0	01742.0	-8000.2
990	9.3	184416.5	-7927.3	1080	9.4	200430.2	-7911.0	1170	8.6	213415.5	-7900.6	10	9.4	02224.0	-8041.3
991	9.6	184505.0	-7906.9	1081	7.6	200516.0	-7926.1	1171	9.6	213431.7	-7913.0	11	9.4	04131.0	-8007.2
992	9.8	184623.5	-7953.1	1082	9.6	200536.2	-7919.3	1172	9.8	213449.7	-7904.4	12	9.3	04138.0	-8020.8
993	9.7	184628.0	-7952.5	1083	9.8	200544.2	-7932.6	1173	8.8	213826.6	-7912.8	13	9.2	04433.0	-8012.8
994	9.2	184801.0	-7905.8	1084	9.6	200556.2	-7906.6	1174	9.2	213833.0	-7957.7	14	9.3	04528.0	-8052.6
995	8.1	185008.5	-7940.5	1085	9.3	200826.2	-7925.0	1175	9.6	213841.2	-7954.9	15	9.2	04830.0	-8037.3
996	9.6	185038.0	-7945.7	1086	9.3	200831.9	-7921.1	1176	8.0	213907.2	-7909.5	16	9.3	10346.0	-8043.9
997	9.4	185052.5	-7928.9	1087	10.1	200835.1	-7944.2	1177	9.2	214016.3	-7900.5	17	8.2	11020.0	-8046.6
998	8.9	185215.0	-7905.5	1088	8.6	200843.9	-7947.2	1178	9.0	214132.0	-7910.7	18	9.4	11101.0	-8000.3
999	8.8	185234.4	-7914.9	1089	7.8	200915.9	-7909.1	1179	10.5	214234.7	-7910.8	19	9.5	11421.0	-8034.3
1000	9.7	185347.0	-7925.0	1090	10.1	201005.2	-7958.3	1180	8.9	214353.0	-7935.9	20	9.0	11522.0	-8042.9
1001	9.4	185355.7	-7959.5	1091	9.6	201021.9	-7936.0	1181	9.7	214446.7	-7913.9	21	9.0	11627.0	-8009.2
1002	9.2	185359.5	-7940.7	1092	7.8	201147.9	-7918.5	1182	9.4	214524.7	-7911.7	22	9.3	11748.0	-8001.9
1003	9.2	185424.7	-7958.4	1093	10.2	201152.6	-7951.0	1183	9.0	214548.2	-7953.0	23	9.4	12420.0	-8032.5
1004	7.7	185506.5	-7913.3	1094	9.7	201219.5	-7902.0	1184	9.8	214628.5	-7914.4	24	8.8	12437.0	-8032.7
1005	9.4	185512.9	-7958.8	1095	10.2	201234.1	-7928.4	1185	10.1	214822.0	-7928.5	25	9.6	12600.0	-8055.8
1006	9.1	185628.5	-7935.4	1096	9.7	201557.4	-7952.8	1186	9.4	214932.5	-7948.2	26	9.3	12610.0	-8021.7
1007	9.7	185725.5	-7922.5	1097	9.7	201823.8	-7914.8	1187	10.3	215004.5	-7939.8	27	9.2	12918.0	-8015.7
1008	9.8	185731.5	-7924.4	1098	9.7	201928.6	-7932.6	1188	10.2	215043.0	-7907.4	28	6.9	13311.0	-8034.0
1009	9.8	185732.0	-7923.1	1099	10.0	202013.3	-7921.8	1189	10.1	215142.0	-7956.4	29	7.3	14217.0	-8040.9
1010	9.7	185746.0	-7920.0	1100	9.0	202024.3	-7938.9	1190	10.0	215544.0	-7931.2	30	7.7	14243.0	-8032.4
1011	8.5	185834.7	-7901.0	1101	9.2	202027.3	-7945.1	1191	10.1	215615.7	-7945.2	31	9.5	14253.0	-8031.0
1012	9.0	190022.5	-7928.9	1102	9.7	202145.1	-7930.8	1192	10.0	215850.7	-7956.2	32	8.2	14448.0	-8021.8
1013	8.7	190043.8	-7937.9	1103	10.1	202304.0	-7932.4	1193	9.6	215941.2	-7943.3	33	9.4	14558.0	-8048.7
1014	9.6	190119.9	-7900.1	1104	9.3	202352.7	-7943.4	1194	9.7	220135.0	-7941.2	34	9.3	14655.0	-8055.9
1015	9.8	190356.0	-7927.7	1105	9.4	202403.0	-7908.5	1195	9.2	220143.0	-7958.1	35	6.3	14859.0	-8047.7
1016	9.4	190406.1	-7950.4	1106	9.0	202428.0	-7914.3	1196	8.8	220455.0	-7903.0	36	9.2	14927.0	-8018.6
1017	9.8	190407.1	-7911.8	1107	9.3	202729.5	-7931.8	1197	8.2	220706.0	-7955.0	37	8.4	15123.0	-8059.4
1018	9.2	190537.6	-7950.3	1108	7.9	203037.2	-7923.8	1198	9.5	220816.0	-7952.9	38	9.3	15132.0	-8034.8
1019	9.7	190611.1	-7926.4	1109	10.1	203049.0	-7942.5	1199	8.6	221113.0	-7950.1	39	9.2	15500.0	-8056.0
1020	9.6	190853.6	-7907.1	1110	10.0	203105.5	-7942.1	1200	9.4	221253.0	-7900.5	40	9.2	15658.0	-8058.4
1021	9.4	190919.1	-7956.1	1111	10.2	203127.5	-7906.3	1201	8.3	221434.0	-7909.5	41	9.8	21122.0	-8041.7
1022	8.6	190921.6	-7945.9	1112	8.7	203248.0	-7943.2	1202	8.8	221942.0	-7956.9	42	9.8	21620.0	-8007.6
1023	9.6	191030.6	-7951.8	1113	9.7	203417.0	-7916.3	1203	9.6	222222.0	-7928.0	43	9.2	22232.0	-8023.3
1024	9.3	191125.1	-7918.4	1114	9.4	203434.2	-7919.7	1204	9.6	222308.0	-7949.5	44	9.2	22719.0	-8036.3
1025	9.0	191211.0	-7959.1	1115	10.2	203446.0	-7911.4	1205	8.2	222323.0	-7915.2	45	9.8	22856.0	-8004.5
1026	8.3	191222.6	-7926.4	1116	10.1	203544.0	-7950.0	1206	7.4	222325.0	-7924.9	46	9.0	23023.0	-8040.5
1027	9.4	191325.1	-7917.5	1117	9.6	203549.0	-7952.3	1207	9.2	222341.0	-7908.3	47	9.8	23035.0	-8014.1
1028	9.2	191328.1	-7947.8	1118	9.0	203619.5	-7904.1	1208	9.4	222941.0	-7952.6	48	9.8	23224.0	-8019.7
1029	9.2	191402.6	-7939.1	1119	8.4	203628.0	-7903.1	1209	8.7	223201.0	-7930.4	49	9.8	23727.0	-8036.7
1030	9.8	191410.1	-7926.0	1120	9.7	203634.0	-7937.4	1210	9.6	223423.0	-7934.1	50	9.8	23800.0	-8020.5
1031	9.4	191627.6	-7903.0	1121	9.7	203655.3	-7907.6	1211	9.6	223543.0	-7915.3	51	8.3	23801.0	-8009.1
1032	9.2	191721.6	-7943.7	1122	9.6	203703.8	-7933.7	1212	9.4	223551.0	-7934.1	52	9.1	23902.0	-8038.5
1033	9.6	192117.1	-7919.2	1123	9.4	203803.0	-7940.6	1213	9.4	223900.0	-7951.0	53	9.8	23922.0	-8027.6
1034	9.8	192432.4	-7924.0	1124	9.7	203944.3	-7950.4	1214	9.4	223922.0	-7920.0	54	8.0	24037.0	-8020.9
1035	9.2	192610.9	-7910.0	1125	9.7	204115.3	-7921.6	1215	8.9	223941.0	-7949.3	55	8.8	24053.0	-8000.9
1036	9.2	192726.4	-7929.4	1126	9.4	204324.3	-7904.4	1216	9.7	224034.0	-7943.7	56	9.8	24116.0	-8021.3
1037	9.4	192728.4	-7914.8	1127	10.0	204633.3	-7948.5	1217	9.5	224347.0	-7950.0	57	9.1	24625.0	-8020.0
1038	9.2	192817.9	-7930.7	1128	9.6	204731.3	-7934.2	1218	9.2	224547.0	-7953.2	58	8.9	24633.0	-8018.7
1039	9.4	192850.4	-7942.8	1129	9.6	204759.3	-7918.8	1219	9.2	224638.0	-7925.7	59	8.6	24701.0	-8032.1
1040	9.4	192854.1	-7901.0	1130	10.0	204800.8	-7911.4	1220	8.4	225101.0	-7933.3	60	8.8	24831.0	-8010.0
1041	9.4	193340.7	-7952.4	1131	9.6	204811.3	-7938.0	1221	9.3	225249.0	-7957.3	61	9.0	24839.0	-8037.0
1042	9.6	193359.7	-7902.0	1132	10.2	204950.0	-7958.6	1222	9.7	225352.0	-7936.7	62	9.8	24916.0	-8034.9
1043	9.2	193450.8	-7934.8	1133	8.2	205234.5	-7946.1	1223	9.6	225353.0	-7904.8	63	9.2	25330.0	-8011.9
1044	9.8	193736.7	-7926.2	1134	9.6	205548.0	-7938.1	1224	9.7	225506.0	-7949.2	64	9.3	25401.0	-8017.9
1045	9.4	193902.7	-7930.2	1135	9.3	205559.5	-7909.4	1225	9.4	225517.0	-7914.1	65	9.0	25515.0	-8044.2
1046	9.7	194119.7	-7921.8	1136	10.2	210013.5	-7951.6	1226	9.5	225526.0	-7917.7	66	9.3	25526.0	-8010.8
1047	9.7	194327.2	-7925.9	1137	9.4	210217.2	-7959.3	1227	8.5	225747.0	-7920.0	67	9.5	25659.0	-8032.1
1048	9.4	194356.0	-7900.1	1138	9.8	210356.5	-7940.3	1228	9.0	230014.0	-7926.2	68	9.0	25854.0	-8034.0
1049	7.9	194433.2	-7909.8	1139	9.6	210423.5	-7909.0	1229	8.4	230352.0	-7901.3	69	8.3	25952.0	-8048.8
1050	7.8	194505.2	-7906.8	1140	9.8	210525.0	-7914.1	1230	9.4	230405.0	-7905.5	70	8.2	30037.0	-8005.4
1051	8.5	194511.6	-7907.2	1141	9.8	210600.1	-7902.0	1231	9.4	230524.0	-7900.9	71	8.8	30603.0	-8017.2
1052	7.5	194625.2	-7945.6	1142	9.0	210629.5	-7941.4	1232	9.6	231332.0	-7903.1	72	9.2	31134.0	-8007.6
1053	8.4	194648.6	-7902.7	1143	10.3	210822.5	-7917.5	1233	9.1	231726.0	-7940.7	73	9.8	31233.0	-8033.3
1054	8.4	194846.1	-7912.6	1144	9.6	211107.3	-7935.5	1234	8.8	231828.0	-7931.6	74	9.5	31303.0	-8051.9
1055	9.8	194928.2	-7922.5	1145	9.7	211142.3	-7948.9	1235	9.0	232141.0	-7915.7	75	9.6	31415.0	-8021.5
1056	7.7	195109.7	-7927.7	1146	10.3	211202.8	-7938.7	1236	8.5	232434.0	-7937.5	76	9.4	31511.0	-8005.5
1057	9.8	195136.7	-7959.4	1147	9.4	211341.8	-7905.0	1237	9.9	232533.0	-7934.4	77	8.8	32258.0	-8056.1
1058	9.1	195148.4	-7935.6	1148	9.4	211419.3	-7942.7	1238	8.7	232647.0	-7946.0	78	9.5	32426.0	-8002.2
1059	9.3	195233.2	-7940.4	1149	10.1	211506.8	-7943.8	1239	6.4	233702.0	-7929.1	79	9.6	32455.0	-8005.4
1060	9.1	195308.2	-7923.1	1150	10.3	211556.3	-7931.1	1240	9.9	234029.0	-7922.3	80	9.5	32904.0	-8049.2
1061	9.2	195330.7	-7926.9	1151	10.2	211640.8	-7916.9	1241	9.9	234223.0	-7916.6	81	8.4	33027.0	-8051.3
1062	8.8	195510.3	-7914.2	1152	8.0	211755.7	-7905.2	1242	9.0	234442.0	-7951.3	82	9.8	33142.0	-8033.6
1063	7.8	195529.6	-7956.6	1153	9.8	211830.3	-7906.6	1243	7.9	234755.0	-7912.0	83	9.4	33206.0	-8001.5
1064	9.6	195639.2	-7906.3	1154	9.7	211920.0	-7937.9	1244	7.7	235055.0	-7957.7	84	9.2	33357.0	-8039.4
1065	7.8	195741.7	-7922.4	1155	10.2	211949.7	-7900.7	1245	8.4	235345.0	-7945.2	85	9.2	33530.0	-8035.4
1066	9.4	195826.7	-7908.2	1156	9.8	212020.7	-7901.1	1246	9.6	235427.0	-7916.1	86	9.8	33607.0	-8004.5
1067	8.6	195836.9	-7910.6	1157	10.1	212027.0	-7911.7	1247	9.0	235541.0	-7958.6	87	9.7	33958.0	-8035.0
1068	9.4	200008.7	-7919.1	1158	7.0	212310.3	-7959.7	1248	9.7	235829.0	-7915.7	88	9.0	34131.0	-8025.0
1069	8.5	200033.2	-7948.1	1159	9.8	212412.0	-7921.6	1249	8.0	235906.0	-7957.0	89	9.2	34450.0	-8043.0
1070	9.4	200142.7	-7911.6	1160	9.6	212412.5	-7955.5	1250	9.9	235956.0	-7921.1	90	9.8	34614.0	-8006.6
1071	9.8	200145.7	-7915.3	1161	10.3	212432.0	-7904.0	1	8.8	00013.0	-8027.9	91	9.8	34732.0	-8002.7

-80 92 3h48m

-80 451 10h21m

92	9.5	34819.0	-8052.7	182	9.2	63349.0	-8020.6	272	10.1	83801.0	-8042.2	362	9.6	93657.0	-8039.0
93	8.5	34930.0	-8024.3	183	9.6	63417.0	-8054.7	273	10.2	83850.0	-8011.7	363	10.0	93712.0	-8050.5
94	9.2	34932.0	-8024.5	184	9.4	63738.0	-8059.4	274	10.2	83927.0	-8047.8	364	9.4	93718.0	-8001.2
95	9.8	34953.0	-8012.9	185	8.8	63903.0	-8026.1	275	10.3	83929.0	-8047.2	365	5.2	93728.0	-8022.7
96	9.5	35026.0	-8059.8	186	8.6	63945.0	-8029.3	276	10.2	83944.0	-8031.9	366	10.3	93827.0	-8046.8
97	8.9	35128.0	-8051.1	187	8.9	64054.0	-8044.1	277	9.8	83953.0	-8034.9	367	10.0	93903.0	-8027.2
98	9.0	35345.0	-8030.8	188	10.0	64311.0	-8036.4	278	9.8	84001.0	-8033.8	368	9.9	94039.0	-8031.3
99	9.5	35529.0	-8033.1	189	8.9	64315.0	-8020.0	279	10.2	84046.0	-8041.6	369	10.0	94113.0	-8010.7
100	9.5	35755.0	-8032.8	190	9.4	64457.0	-8040.5	280	9.8	84057.0	-8038.9	370	9.7	94121.0	-8027.9
101	9.3	35940.0	-8051.2	191	9.4	64610.0	-8043.5	281	9.9	84109.0	-8011.2	371	9.8	94150.0	-8015.7
102	8.9	40028.0	-8010.1	192	8.8	64743.0	-8054.0	282	9.7	84134.0	-8007.4	372	10.1	94217.0	-8039.9
103	9.8	40046.0	-8031.7	193	10.0	64934.0	-8009.4	283	10.3	84155.0	-8054.6	373	9.5	94229.0	-8049.0
104	8.5	40130.0	-8056.0	194	9.5	64957.0	-8037.0	284	10.3	84215.0	-8012.3	374	9.7	94229.0	-8040.7
105	9.3	40342.0	-8026.0	195	9.2	65017.0	-8041.8	285	9.7	84251.0	-8000.4	375	10.1	94257.0	-8029.9
106	9.7	40706.0	-8047.8	196	6.0	65025.0	-8040.8	286	10.3	84309.0	-8024.5	376	10.3	94306.0	-8054.6
107	9.7	40747.0	-8045.8	197	9.6	65215.0	-8054.6	287	9.3	84313.0	-8028.1	377	10.3	94312.0	-8004.5
108	9.7	41027.0	-8010.7	198	9.8	65216.0	-8051.3	288	9.7	84319.0	-8050.9	378	10.2	94319.0	-8051.5
109	9.4	41254.0	-8006.3	199	9.5	65552.0	-8050.6	289	10.3	84404.0	-8001.4	379	10.0	94418.0	-8022.9
110	9.8	41414.0	-8031.8	200	9.4	65753.0	-8029.0	290	10.0	84611.0	-8032.4	380	9.9	94437.0	-8009.6
111	9.8	41439.0	-8050.4	201	8.7	65820.0	-8054.5	291	10.3	84641.0	-8006.9	381	9.8	94446.0	-8056.1
112	9.8	41604.0	-8017.9	202	10.0	65837.0	-8033.5	292	10.2	84657.0	-8052.3	382	9.8	94554.0	-8049.3
113	10.0	41608.0	-8049.5	203	10.0	65923.0	-8029.2	293	9.6	84758.0	-8007.0	383	8.8	94557.0	-8018.5
114	9.4	42100.0	-8055.0	204	9.6	70045.0	-8002.2	294	10.1	84900.0	-8057.0	384	9.8	94557.0	-8055.2
115	9.4	42443.0	-8017.1	205	9.1	70119.0	-8051.4	295	9.7	84925.0	-8014.7	385	9.4	94622.0	-8042.9
116	6.5	42632.0	-8030.3	206	9.4	70418.0	-8009.5	296	10.0	84926.0	-8048.6	386	9.2	94631.0	-8045.0
117	8.5	42809.0	-8024.2	207	9.2	70519.0	-8055.1	297	10.0	85032.0	-8054.9	387	9.2	94631.0	-8046.1
118	9.6	43136.0	-8008.4	208	9.1	70531.0	-8051.2	298	9.7	85035.0	-8012.6	388	9.2	94639.0	-8044.6
119	9.5	43315.0	-8026.8	209	8.6	70547.0	-8039.4	299	10.2	85117.0	-8020.2	389	9.7	94643.0	-8019.0
120	9.5	43549.0	-8019.0	210	9.2	70912.0	-8035.4	300	10.0	85221.0	-8047.0	390	9.7	94720.0	-8045.4
121	9.4	43925.0	-8011.1	211	9.4	71239.0	-8040.7	301	10.3	85288.0	-8035.7	391	9.4	94736.0	-8024.3
122	9.4	43958.0	-8007.2	212	8.5	71527.0	-8057.5	302	9.2	85301.0	-8039.1	392	9.4	94902.0	-8008.0
123	9.4	44041.0	-8005.2	213	10.0	71740.0	-8039.1	303	9.9	85335.0	-8020.6	393	9.5	94959.0	-8010.2
124	8.5	44052.0	-8032.3	214	9.3	71746.0	-8029.7	304	9.8	85339.0	-8006.4	394	8.8	95017.0	-8028.6
125	9.5	44233.0	-8018.8	215	9.8	71843.0	-8017.2	305	10.3	85538.0	-8024.6	395	9.4	95417.0	-8019.2
126	8.6	44918.0	-8059.3	216	10.0	71913.0	-8028.5	306	9.7	85539.0	-8017.9	396	9.4	95556.0	-8019.3
127	10.0	44930.0	-8054.7	217	8.9	71957.0	-8027.1	307	9.6	85600.0	-8057.3	397	9.6	95610.0	-8011.0
128	10.0	44959.0	-8044.8	218	9.4	72315.0	-8031.6	308	9.8	85614.0	-8005.1	398	9.7	95659.0	-8000.2
129	9.7	45322.0	-8019.2	219	9.8	72447.0	-8050.7	309	10.1	85634.0	-8043.2	399	9.4	95754.0	-8043.9
130	9.4	45458.0	-8000.5	220	8.2	72518.0	-8059.1	310	9.6	85651.0	-8007.3	400	9.0	95806.0	-8042.2
131	7.7	45522.0	-8051.0	221	9.6	72954.0	-8010.8	311	9.8	85745.0	-8037.8	401	9.4	95814.0	-8041.8
132	7.5	45609.0	-8000.6	222	9.6	73107.0	-8039.7	312	10.3	85816.0	-8033.7	402	9.7	95911.0	-8036.9
133	8.1	45817.0	-8058.8	223	8.8	73621.0	-8033.1	313	9.9	85945.0	-8016.8	403	8.9	95951.0	-8058.9
134	9.8	50012.0	-8018.3	224	10.0	73851.0	-8049.1	314	9.4	85959.0	-8018.0	404	9.4	100016.0	-8029.7
135	9.8	50141.0	-8032.0	225	8.8	74043.0	-8040.1	315	9.7	90244.0	-8008.2	405	9.4	100050.0	-8034.5
136	9.0	50324.0	-8028.4	226	8.7	75200.0	-8020.2	316	10.3	90438.0	-8001.7	406	9.6	100132.0	-8030.6
137	9.8	50417.0	-8034.9	227	9.1	75330.0	-8021.6	317	10.1	90458.0	-8004.4	407	9.7	100138.0	-8037.8
138	10.0	50524.0	-8005.0	228	9.2	75819.0	-8035.3	318	10.3	90519.0	-8053.6	408	9.8	100227.0	-8046.1
139	8.9	50525.0	-8044.0	229	9.1	75855.0	-8052.4	319	10.2	90600.0	-8000.6	409	9.8	100227.0	-8032.4
140	9.5	50740.0	-8039.3	230	9.0	80921.0	-8010.5	320	9.8	90738.0	-8032.2	410	9.4	100315.0	-8038.9
141	10.0	51206.0	-8036.6	231	9.4	81215.0	-8039.2	321	9.4	90820.0	-8029.7	411	9.8	100347.0	-8029.6
142	9.0	51249.0	-8058.1	232	9.8	81249.0	-8048.9	322	10.3	90847.0	-8020.7	412	9.7	100352.0	-8012.7
143	9.8	51702.0	-8055.0	233	9.3	81343.0	-8031.4	323	10.2	91005.0	-8029.5	413	9.4	100426.0	-8042.0
144	10.0	51819.0	-8024.7	234	10.3	81426.0	-8007.8	324	9.9	91007.0	-8047.0	414	9.7	100506.0	-8003.0
145	7.9	52014.0	-8032.7	235	9.5	81515.0	-8006.8	325	10.0	91023.0	-8025.5	415	9.7	100513.0	-8036.5
146	9.0	52104.0	-8019.3	236	9.8	81603.0	-8035.9	326	10.0	91233.0	-8039.6	416	9.7	100518.0	-8058.5
147	9.6	52334.0	-8029.6	237	10.1	81619.0	-8029.9	327	10.0	91406.0	-8028.6	417	9.6	100525.0	-8019.1
148	9.7	52414.0	-8003.7	238	10.3	81625.0	-8037.0	328	10.3	91434.0	-8038.7	418	9.4	100530.0	-8004.1
149	9.8	52552.0	-8057.9	239	9.5	81758.0	-8012.0	329	10.3	91437.0	-8026.4	419	9.4	100535.0	-8010.6
150	10.0	52649.0	-8053.9	240	9.3	81822.0	-8005.0	330	9.8	91446.0	-8011.3	420	9.7	100606.0	-8009.6
151	9.6	53028.0	-8059.6	241	9.8	81826.0	-8019.6	331	9.6	91605.0	-8008.8	421	8.9	100610.0	-8006.6
152	9.5	53339.0	-8031.4	242	10.0	81938.0	-8036.3	332	10.0	91707.0	-8036.7	422	9.8	100610.0	-8041.5
153	9.6	53454.0	-8027.3	243	9.8	82009.0	-8004.3	333	10.0	91736.0	-8040.6	423	7.8	100627.0	-8057.4
154	9.4	53644.0	-8055.7	244	9.6	82038.0	-8009.7	334	10.0	91809.0	-8008.5	424	9.4	100628.0	-8007.2
155	9.6	53655.0	-8016.2	245	9.6	82202.0	-8012.0	335	9.9	91924.0	-8022.1	425	9.6	100650.0	-8045.2
156	9.7	54025.0	-8010.1	246	9.9	82251.0	-8054.0	336	9.7	92036.0	-8052.9	426	9.8	100758.0	-8027.8
157	9.4	54232.0	-8018.8	247	9.8	82336.0	-8045.9	337	9.8	92053.0	-8027.5	427	9.8	100840.0	-8016.9
158	9.0	54340.0	-8017.8	248	9.7	82411.0	-8027.6	338	9.8	92115.0	-8031.3	428	9.7	100947.0	-8056.7
159	8.8	54554.0	-8054.6	249	10.1	82440.0	-8013.5	339	10.3	92116.0	-8054.5	429	9.1	101056.0	-8039.4
160	8.9	54559.0	-8025.1	250	9.7	82506.0	-8053.3	340	9.8	92229.0	-8025.7	430	9.8	101108.0	-8016.3
161	6.5	54710.0	-8033.6	251	10.3	82526.0	-8030.2	341	9.8	92316.0	-8048.8	431	9.2	101127.0	-8027.1
162	9.8	54858.0	-8001.6	252	8.8	82829.0	-8017.8	342	9.8	92407.0	-8030.0	432	8.6	101159.0	-8002.0
163	9.6	54939.0	-8043.2	253	10.0	82854.0	-8005.7	343	9.7	92417.0	-8018.0	433	9.6	101203.0	-8031.9
164	8.3	55525.0	-8020.6	254	9.6	82858.0	-8000.9	344	10.2	92429.0	-8029.3	434	9.5	101336.0	-8015.0
165	9.4	55907.0	-8009.2	255	9.8	82915.0	-8019.5	345	10.3	92512.0	-8058.9	435	9.6	101410.0	-8023.2
166	10.0	60026.0	-8043.1	256	9.5	82932.0	-8006.5	346	9.7	92537.0	-8031.4	436	8.6	101429.0	-8039.4
167	9.9	60113.0	-8012.5	257	10.1	83108.0	-8008.1	347	9.8	92630.0	-8032.9	437	9.5	101435.0	-8040.9
168	9.0	60537.0	-8006.5	258	7.4	83138.0	-8030.2	348	9.7	92741.0	-8055.6	438	9.8	101452.0	-8043.2
169	9.8	61018.0	-8027.7	259	9.8	83155.0	-8041.7	349	9.5	92756.0	-8001.1	439	9.4	101555.0	-8006.2
170	8.9	61042.0	-8034.9	260	10.2	83249.0	-8057.7	350	6.1	92814.0	-8014.8	440	9.6	101612.0	-8001.6
171	9.6	61517.0	-8003.4	261	10.2	83252.0	-8007.8	351	9.8	92829.0	-8033.5	441	9.4	101615.0	-8020.9
172	9.6	61625.0	-8023.0	262	10.0	83307.0	-8029.8	352	9.1	92848.0	-8034.3	442	8.7	101616.0	-8034.8
173	9.8	62000.0	-8010.7	263	9.8	83411.0	-8008.7	353	10.2	92852.0	-8044.9	443	9.6	101709.0	-8020.2
174	8.5	62254.0	-8015.3	264	10.3	83418.0	-8041.3	354	10.3	92905.0	-8002.9	444	9.5	101753.0	-8059.5
175	9.8	62511.0	-8029.6	265	10.2	83431.0	-8026.4	355	10.1	92909.0	-8021.7	445	9.7	101759.0	-8051.6
176	8.6	62539.0	-8040.6	266	9.3	83517.0	-8041.0	356	9.4	92911.0	-8010.7	446	8.5	101806.0	-8017.8
177	9.1	62555.0	-8057.1	267	10.2	83518.0	-8004.0	357	9.6	93047.0	-8009.4	447	9.8	101809.0	-8058.7
178	9.6	62821.0	-8030.4	268	10.0	83540.0	-8035.3	358	9.8	93203.0	-8040.8	448	9.6	101959.0	-8032.5
179	9.6	62912.0	-8016.4	269	10.3	83544.0	-8000.4	359	8.3	93338.0	-8040.1	449	9.8	102051.0	-8006.6
180	9.2	63209.0	-8002.4	270	10.2	83622.0	-8042.2	360	9.9	93412.0	-8014.0	450	9.4	102118.0	-8038.0
181	9.6	63213.0	-8039.3	271	9.7	83736.0	-8036.8	361	9.8	93454.0	-8008.6	451	9.0	102139.0	-8006.1

-80 452 10h21m

-80 811 16h16m

452	9.2	102140.0	-8015.1	542	10.0	111513.0	-8042.5	632	9.6	120406.0	-8036.3
453	8.4	102214.0	-8055.4	543	9.6	111524.0	-8021.8	633	9.3	120427.0	-8021.7
454	9.4	102259.0	-8029.5	544	9.9	111609.0	-8027.7	634	8.6	120502.0	-8022.2
455	9.8	102314.0	-8013.2	545	9.9	111609.0	-8020.2	635	9.6	120558.0	-8024.2
456	9.4	102318.0	-8019.6	546	9.7	111637.0	-8001.1	636	8.9	120609.0	-8008.2
457	9.5	102406.0	-8048.4	547	10.2	111645.0	-8026.1	637	9.6	120616.0	-8035.2
458	9.7	102450.0	-8054.6	548	9.9	111715.0	-8040.3	638	9.8	120624.0	-8005.8
459	8.9	102501.0	-8054.3	549	10.0	111742.0	-8008.6	639	9.8	120653.0	-8004.7
460	9.1	102536.0	-8000.9	550	9.6	111755.0	-8038.0	640	10.0	120716.0	-8042.0
461	9.4	102829.0	-8025.2	551	9.4	111835.0	-8013.4	641	9.8	120721.0	-8059.9
462	8.4	102849.0	-8025.1	552	10.2	111907.0	-8006.2	642	7.6	120738.0	-8029.9
463	9.8	102916.0	-8002.8	553	9.8	112024.0	-8049.5	643	10.2	120746.0	-8059.1
464	9.7	102924.0	-8000.0	554	9.8	112053.0	-8024.2	644	10.1	120800.0	-8036.3
465	9.8	103034.0	-8026.1	555	10.0	112111.0	-8017.9	645	9.8	120821.0	-8035.7
466	9.4	103115.0	-8041.3	556	9.6	112133.0	-8022.1	646	7.6	120829.0	-8005.4
467	8.1	103253.0	-8058.1	557	9.3	112153.0	-8053.0	647	10.2	120840.0	-8057.0
468	7.6	103254.0	-8031.0	558	9.4	112156.0	-8033.5	648	10.0	120941.0	-8002.7
469	9.7	103255.0	-8030.2	559	9.9	112251.0	-8030.5	649	10.2	120952.0	-8021.4
470	9.4	103405.0	-8048.4	560	10.0	112405.0	-8041.9	650	10.2	121040.0	-8005.2
471	9.2	103409.0	-8021.5	561	10.0	112408.0	-8051.0	651	9.8	121121.0	-8056.0
472	9.2	103537.0	-8009.2	562	10.2	112530.0	-8028.2	652	10.0	121142.0	-8040.0
473	9.8	103558.0	-8033.5	563	9.7	112531.0	-8021.0	653	9.5	121435.0	-8016.1
474	9.6	103635.0	-8001.9	564	9.6	112537.0	-8027.6	654	9.9	121557.0	-8034.0
475	9.6	103747.0	-8007.6	565	10.2	112609.0	-8019.6	655	8.1	121600.0	-8039.7
476	9.5	103853.0	-8042.4	566	10.2	112611.0	-8040.7	656	9.8	121658.0	-8057.1
477	9.8	103945.0	-8019.3	567	9.9	112638.0	-8024.6	657	10.2	121801.0	-8044.4
478	9.5	104012.0	-8056.4	568	9.5	112651.0	-8000.4	658	9.9	122119.0	-8052.2
479	9.4	104136.0	-8036.3	569	10.0	112730.0	-8017.6	659	9.4	123050.0	-8012.2
480	9.8	104333.0	-8036.7	570	8.2	112749.0	-8044.4	660	10.2	123136.0	-8049.6
481	9.2	104352.0	-8009.5	571	9.8	112755.0	-8033.1	661	9.2	123200.0	-8055.9
482	9.6	104411.0	-8020.9	572	9.8	112809.0	-8036.7	662	9.7	123339.0	-8059.9
483	9.2	104429.0	-8054.6	573	10.0	112903.0	-8042.0	663	9.4	123349.0	-8048.8
484	9.6	104453.0	-8028.3	574	10.0	112936.0	-8039.9	664	9.8	123513.0	-8020.6
485	9.2	104529.0	-8000.0	575	10.0	113032.0	-8049.5	665	9.9	123535.0	-8049.7
486	9.7	104634.0	-8055.5	576	9.9	113043.0	-8014.0	666	9.8	123622.0	-8059.7
487	9.4	104719.0	-8013.6	577	9.9	113124.0	-8040.4	667	9.4	123711.0	-8013.1
488	9.8	104747.0	-8045.7	578	9.8	113219.0	-8032.8	668	9.9	123726.0	-8034.9
489	9.8	104811.0	-8047.1	579	9.6	113240.0	-8033.2	669	10.2	123858.0	-8037.4
490	8.0	104844.0	-8016.3	580	8.4	113313.0	-8001.4	670	7.3	123957.0	-8001.3
491	9.5	104849.0	-8010.3	581	10.2	113353.0	-8030.3	671	10.0	124016.0	-8003.3
492	9.4	104934.0	-8021.3	582	9.8	113520.0	-8002.0	672	10.2	124206.0	-8020.6
493	9.8	104936.0	-8046.1	583	10.0	113617.0	-8003.0	673	9.8	124219.0	-8053.3
494	9.7	105025.0	-8047.8	584	10.2	113625.0	-8039.6	674	9.9	124223.0	-8036.7
495	9.6	105156.0	-8059.2	585	9.7	113724.0	-8012.5	675	9.8	124224.0	-8053.1
496	9.4	105228.0	-8019.2	586	10.2	113730.0	-8008.1	676	9.3	124319.0	-8017.6
497	9.8	105247.0	-8046.9	587	10.0	113736.0	-8052.6	677	10.0	124641.0	-8021.2
498	9.6	105343.0	-8055.9	588	10.2	113738.0	-8023.6	678	10.0	124703.0	-8003.2
499	9.8	105430.0	-8012.6	589	10.2	113741.0	-8021.0	679	9.9	124719.0	-8039.4
500	9.2	105458.0	-8052.1	590	9.3	113831.0	-8022.4	680	9.9	124803.0	-8003.6
501	9.5	105543.0	-8006.2	591	10.2	113914.0	-8004.9	681	10.0	124822.0	-8023.6
502	9.6	105613.0	-8041.9	592	9.7	113918.0	-8044.3	682	10.0	124906.0	-8045.4
503	9.2	105621.0	-8059.8	593	9.6	113955.0	-8001.0	683	8.8	124955.0	-8039.5
504	7.8	105631.0	-8009.8	594	10.1	114001.0	-8007.6	684	8.3	125341.0	-8028.7
505	9.4	105638.0	-8016.3	595	9.4	114238.0	-8010.1	685	9.8	125341.0	-8056.4
506	8.6	105645.0	-8007.2	596	10.2	114322.0	-8018.6	686	8.6	131105.0	-8038.9
507	9.5	105721.0	-8056.1	597	10.2	114337.0	-8003.5	687	9.2	131316.0	-8042.6
508	9.7	105725.0	-8009.8	598	10.0	114346.0	-8018.6	688	9.4	131336.0	-8026.1
509	7.4	105743.0	-8053.2	599	9.8	114410.0	-8007.1	689	8.8	131842.0	-8054.7
510	9.6	105750.0	-8031.8	600	9.8	114459.0	-8051.0	690	9.2	132242.0	-8033.5
511	9.5	105806.0	-8030.8	601	9.6	114615.0	-8045.0	691	9.3	132331.0	-8005.8
512	9.8	105836.0	-8038.1	602	10.0	114719.0	-8045.1	692	9.3	132501.0	-8033.5
513	9.7	105851.0	-8027.7	603	10.2	114806.0	-8023.1	693	9.2	132517.0	-8011.1
514	9.7	105907.0	-8000.5	604	9.2	114824.0	-8029.8	694	9.5	132538.0	-8041.0
515	9.8	105958.0	-8030.8	605	8.5	114906.0	-8018.8	695	9.5	132654.0	-8020.5
516	9.7	110012.0	-8021.1	606	9.2	114914.0	-8039.3	696	9.5	132736.0	-8008.0
517	9.7	110013.0	-8047.0	607	10.2	114923.0	-8040.9	697	9.5	134125.0	-8054.0
518	9.8	110018.0	-8004.5	608	10.2	114948.0	-8017.5	698	9.3	134810.0	-8009.9
519	9.5	110032.0	-8032.4	609	10.0	115058.0	-8028.2	699	9.4	135046.0	-8015.4
520	9.6	110102.0	-8058.1	610	9.7	115129.0	-8049.0	700	9.3	135142.0	-8000.9
521	9.7	110103.0	-8025.6	611	10.2	115236.0	-8046.1	701	7.6	135321.0	-8009.7
522	8.2	110115.0	-8056.9	612	9.6	115315.0	-8033.7	702	9.5	135401.0	-8004.5
523	9.8	110124.0	-8035.5	613	10.0	115341.0	-8025.1	703	9.0	135707.0	-8056.7
524	9.5	110311.0	-8010.7	614	9.8	115400.0	-8004.9	704	9.5	140202.0	-8059.4
525	9.4	110329.0	-8045.9	615	10.0	115526.0	-8006.1	705	9.4	140209.0	-8010.5
526	9.8	110351.0	-8047.3	616	10.1	115527.0	-8034.4	706	6.5	140239.0	-8025.1
527	9.8	110533.0	-8009.2	617	9.5	115555.0	-8030.0	707	9.1	140407.0	-8057.5
528	9.8	110555.0	-8000.6	618	9.6	115604.0	-8047.1	708	9.1	140748.0	-8045.3
529	9.4	110555.0	-8032.7	619	9.6	115618.0	-8026.9	709	9.5	141004.0	-8052.2
530	9.4	110559.0	-8020.7	620	10.2	115700.0	-8048.3	710	9.6	141204.0	-8022.7
531	9.0	110657.0	-8038.9	621	9.8	115707.0	-8036.6	711	9.6	141254.0	-8031.3
532	9.7	110721.0	-8038.2	622	10.0	115715.0	-8043.8	712	9.4	141318.0	-8056.5
533	9.3	110848.0	-8002.5	623	10.0	115755.0	-8032.4	713	9.4	141333.0	-8003.1
534	9.6	111013.0	-8005.7	624	9.8	115759.0	-8040.2	714	9.6	141417.0	-8014.6
535	9.7	111015.0	-8036.7	625	10.2	115809.0	-8052.8	715	9.8	141449.0	-8011.1
536	9.4	111022.0	-8007.4	626	8.6	115856.0	-8034.3	716	9.4	141643.0	-8054.0
537	9.8	111121.0	-8043.8	627	10.2	115906.0	-8052.1	717	9.6	141845.0	-8039.3
538	9.0	111306.0	-8053.3	628	9.8	115956.0	-8020.0	718	9.7	141950.0	-8005.8
539	9.4	111349.0	-8020.1	629	10.0	120130.0	-8029.1	719	9.4	142045.0	-8002.0
540	9.5	111404.0	-8046.2	630	9.9	120231.0	-8051.8	720	8.7	142205.0	-8011.1
541	10.2	111453.0	-8033.5	631	9.8	120339.0	-8010.7	721	9.6	142258.0	-8025.3
722	9.7	142322.0	-8001.2								
723	9.6	142345.0	-8036.5								
724	9.0	142402.0	-8039.2								
725	9.2	142437.0	-8055.0								
726	9.6	142558.0	-8039.0								
727	9.4	142756.0	-8023.0								
728	9.7	142855.0	-8046.3								
729	9.3	142953.0	-8054.5								
730	9.4	142956.0	-8040.9								
731	9.4	143102.0	-8053.0								
732	9.6	143132.0	-8024.0								
733	9.4	143152.0	-8022.0								
734	9.7	143437.0	-8005.6								
735	9.1	143513.0	-8003.5								
736	9.6	143626.0	-8011.6								
737	9.2	143627.0	-8003.8								
738	8.7	143639.0	-8015.9								
739	9.6	143844.0	-8008.1								
740	8.9	143939.0	-8041.7								
741	9.6	143940.0	-8042.0								
742	8.6	143950.0	-8041.2								
743	9.5	144115.0	-8029.1								
744	9.0	144141.0	-8011.7								
745	9.7	144216.0	-8042.6								
746	9.2	144242.0	-8026.7								
747	9.6	144429.0	-8039.8								
748	9.4	144514.0	-8017.8								
749	9.6	144619.0	-8043.8								
750	9.7	144641.0	-8029.0								
751	9.6	145124.0	-8044.2								
752	9.6	145241.0	-8058.3								
753	9.4	145340.0	-8012.1								
754	9.2	145447.0	-8044.9								
755	8.3	145631.0	-8017.0								
756	9.7	145926.0	-8006.4								
757	9.2	145929.0	-8001.5								
758	9.4	145942.0	-8046.2								
759	9.6	150010.0	-8007.6								
760	9.5	150047.0	-8036.1								
761	9.6	150137.0	-8042.8								
762	9.3	150412.0	-8047.0								
763	9.6	150636.0	-8012.8								
764	9.1	150910.0	-8032.9								
765	8.8	151137.0	-8051.5								
766	9.6	151215.0	-8043.0								
767	9.3	151310.0	-8036.1								
768	9.2	151335.0	-8004.7								
769	9.7	151335.0	-8036.7								
770	9.6	151358.0	-8009.3								
771	9.6	151411.0	-8046.1								
772	9.4	151838.0	-8022.8								
773	9.2	151937.0	-8040.6								
774	9.6	152038.0	-8006.1								
775	9.5	152248.0	-8033.5								
776	9.4	152358.0	-8019.9								
777	8.9	152551.0	-8029.0								
778	9.7	152622.0	-8029.0								
779	9.0	152653.0	-8007.7								
780	9.6	152807.0	-8017.2								
781	9.4	152830.0	-8020.0								
782	9.6	153059.0	-8046.7								
783	9.0	153423.0	-8008.2								
784	9.4	153430.0	-8008.9								
785	9.6	153647.0	-8005.4								
786	9.5	153736.0	-8053.7								
787	9.2	153744.0	-8002.2								
788	8.9	153807.0	-8022.6								
789	9.7	153818.0	-8029.1								
790	9.4	153823.0	-8014.8								
791	9.4	154017.0	-8039.6								
792	9.6	154251.0	-8027.8								
793	9.1	154331.0	-8025.3								
794	9.5	154434.0	-8047.6								
795	9.8	154439.0	-8003.0								
796	9.1	154449.0	-8013.1								
797	9.4	154523.0	-8008.0								
798	9.5	154706.0	-8010.7								
799	9.5	154920.0	-8015.1								
800	9.4	154943.0	-8022.9								
801	9.5	155038.0	-8020.2								
802	9.0	155306.0	-8030.3								
803	8.2	155543.0	-8028.1								
804	7.8	160102.0	-8025.7								
805	8.7	160354.0	-8051.2								
806	9.6	160533.0	-8030.0								
807	9.5	160647.0	-8006.8								
808	8.0	160945.0	-8001.6								
809	8.6	161200.0	-8038.7								
810	9.6	161445.0	-8033.7								
811	9.6	161604.0	-8008.2								

-80 812 16h20m

-81 88 3h45m

812	9.6	162025.0	-8047.7	902	9.2	190040.0	-8009.9	992	9.6	204516.0	-8057.3	1082	10.0	235515.0	-8032.0
813	9.6	162238.0	-8026.6	903	9.2	190046.0	-8033.9	993	10.1	204637.0	-8014.1	1083	9.5	235843.0	-8039.3
814	8.4	162258.0	-8032.7	904	8.3	190410.0	-8027.6	994	9.7	204708.0	-8028.6	1	9.9	00442.0	-8144.8
815	9.2	162356.0	-8054.9	905	9.4	190537.0	-8012.4	995	10.2	204710.0	-8029.1	2	9.4	01910.0	-8144.6
816	8.4	162619.0	-8006.9	906	9.2	190706.0	-8032.4	996	10.0	204734.0	-8006.0	3	9.7	02033.0	-8131.6
817	9.6	162714.0	-8005.4	907	9.7	190823.0	-8025.6	997	10.3	204844.0	-8047.9	4	9.7	02107.0	-8150.7
818	9.6	163045.0	-8017.5	908	8.3	190925.0	-8013.4	998	9.7	205700.0	-8045.1	5	9.9	02130.0	-8149.2
819	9.0	163540.0	-8046.1	909	9.0	190955.0	-8035.7	999	9.6	205747.0	-8054.6	6	9.0	02427.0	-8155.1
820	9.0	163601.0	-8014.4	910	9.2	191111.0	-8043.3	1000	7.4	205915.0	-8051.3	7	9.7	03141.0	-8157.8
821	9.0	163608.0	-8046.7	911	9.7	191144.0	-8006.8	1001	10.3	210004.0	-8025.5	8	8.7	03431.0	-8151.9
822	8.4	164139.0	-8053.1	912	9.8	191235.0	-8036.1	1002	9.2	210020.0	-8024.5	9	7.8	03613.0	-8120.6
823	8.8	164159.0	-8057.2	913	8.8	191317.0	-8038.1	1003	9.2	210103.0	-8018.1	10	9.4	04002.0	-8101.1
824	9.4	164346.0	-8020.1	914	9.3	191435.0	-8004.5	1004	10.0	210236.0	-8013.5	11	9.4	04906.0	-8152.6
825	9.6	170305.0	-8031.3	915	9.6	191445.0	-8030.5	1005	9.0	210322.0	-8039.2	12	8.3	04912.0	-8102.1
826	9.6	170335.0	-8023.5	916	9.2	191533.0	-8008.2	1006	8.2	210445.0	-8037.9	13	9.4	05130.0	-8126.8
827	9.3	170722.0	-8045.7	917	9.4	191804.0	-8012.2	1007	10.2	210632.0	-8035.1	14	8.9	05145.0	-8120.5
828	7.4	170807.0	-8044.2	918	9.4	191919.0	-8014.6	1008	9.3	210714.0	-8039.1	15	9.1	05336.0	-8123.0
829	9.4	170904.0	-8038.4	919	9.8	192033.0	-8019.8	1009	10.2	210848.0	-8007.7	16	9.5	10326.0	-8111.7
830	7.7	171057.0	-8057.3	920	9.8	192116.0	-8032.2	1010	9.2	210904.0	-8040.9	17	9.3	10526.0	-8114.8
831	8.9	171125.0	-8025.5	921	9.3	192123.0	-8005.0	1011	9.7	210924.0	-8030.0	18	9.2	11100.0	-8129.5
832	9.2	171147.0	-8026.1	922	9.7	192230.0	-8032.2	1012	10.2	211014.0	-8020.4	19	9.2	11150.0	-8131.0
833	9.4	171857.0	-8034.3	923	9.6	192238.0	-8059.2	1013	8.2	211205.0	-8027.5	20	9.5	11233.0	-8126.1
834	8.8	171913.0	-8000.1	924	8.5	192340.0	-8021.9	1014	8.8	211530.0	-8036.9	21	9.5	11647.0	-8128.3
835	9.4	171949.0	-8043.5	925	9.4	192348.0	-8014.0	1015	9.6	211625.0	-8006.3	22	8.6	11705.0	-8153.1
836	9.7	172241.0	-8006.1	926	9.4	192349.0	-8001.8	1016	9.8	211632.0	-8041.3	23	9.4	11738.0	-8129.0
837	9.6	172319.0	-8026.3	927	8.9	192415.0	-8055.2	1017	6.4	211643.0	-8034.8	24	9.2	11812.0	-8136.0
838	9.6	173632.0	-8020.1	928	8.6	192611.0	-8030.1	1018	9.4	211748.0	-8016.6	25	9.0	12029.0	-8140.2
839	9.6	174000.0	-8008.1	929	8.6	192732.0	-8018.5	1019	9.6	211750.0	-8020.9	26	9.2	12532.0	-8131.1
840	8.9	174131.0	-8036.5	930	9.2	193020.0	-8046.2	1020	9.8	212001.0	-8045.5	27	9.4	12639.0	-8103.0
841	9.7	174618.0	-8009.0	931	9.6	193154.0	-8031.5	1021	10.0	212113.0	-8025.1	28	8.9	13007.0	-8151.0
842	9.6	175205.0	-8027.2	932	9.8	193259.0	-8025.6	1022	9.7	212124.0	-8006.8	29	9.2	13350.0	-8136.5
843	9.1	175242.0	-8013.8	933	9.4	193435.0	-8040.0	1023	10.1	212512.0	-8003.8	30	9.2	13820.0	-8106.1
844	8.8	175358.0	-8005.4	934	9.2	193856.0	-8016.9	1024	9.7	212633.0	-8036.5	31	9.2	13850.0	-8150.1
845	9.4	175416.0	-8039.8	935	9.5	194125.0	-8053.3	1025	9.6	212752.0	-8016.0	32	9.5	14043.0	-8114.1
846	9.6	175501.0	-8038.4	936	9.8	194406.0	-8011.4	1026	9.0	212850.0	-8016.1	33	9.0	14157.0	-8116.0
847	8.4	175745.0	-8016.1	937	9.2	194521.0	-8059.1	1027	10.2	213006.0	-8030.0	34	9.5	14158.0	-8158.4
848	9.7	180337.0	-8009.4	938	8.3	194526.0	-8056.2	1028	8.6	213241.0	-8057.4	35	9.3	14530.0	-8112.0
849	7.6	180645.0	-8017.1	939	9.8	194711.0	-8023.1	1029	9.2	213537.0	-8007.3	36	8.3	15159.0	-8158.5
850	9.6	180816.0	-8016.1	940	9.8	194930.0	-8000.4	1030	10.0	213654.0	-8011.4	37	8.9	15409.0	-8138.1
851	9.4	181304.0	-8041.2	941	9.4	195130.0	-8044.3	1031	10.0	213940.0	-8040.0	38	9.3	15630.0	-8154.4
852	9.2	181321.0	-8016.3	942	9.4	195350.0	-8034.5	1032	8.4	213952.0	-8056.8	39	8.7	20313.0	-8107.7
853	9.6	181357.0	-8010.1	943	8.6	195423.0	-8015.5	1033	8.5	214043.0	-8018.1	40	8.9	20628.0	-8120.0
854	9.7	181826.0	-8042.9	944	9.8	195505.0	-8046.3	1034	7.9	214227.0	-8018.3	41	9.1	20736.0	-8112.4
855	9.4	182209.0	-8050.4	945	9.2	200022.0	-8029.3	1035	9.6	214249.0	-8016.9	42	9.8	21019.0	-8153.7
856	9.6	182709.0	-8019.0	946	8.9	200404.0	-8007.3	1036	10.0	214352.0	-8023.2	43	8.6	21705.0	-8109.7
857	9.6	183233.0	-8020.6	947	9.6	200512.0	-8014.1	1037	9.2	214615.0	-8007.5	44	8.4	21841.0	-8106.7
858	6.5	183242.0	-8051.8	948	9.7	200522.0	-8020.9	1038	9.8	214705.0	-8015.9	45	9.8	22025.0	-8129.9
859	8.9	183248.0	-8038.3	949	9.8	200533.0	-8000.8	1039	9.6	214749.0	-8043.1	46	9.2	22038.0	-8146.5
860	9.2	183308.0	-8049.3	950	8.9	200611.0	-8049.0	1040	8.6	214945.0	-8024.6	47	9.1	22141.0	-8120.9
861	8.0	183309.0	-8018.6	951	9.0	200646.0	-8023.5	1041	9.8	215253.0	-8019.7	48	9.3	22531.0	-8131.9
862	9.8	183352.0	-8011.8	952	9.2	200741.0	-8050.5	1042	9.6	215337.0	-8042.7	49	9.4	22554.0	-8111.9
863	9.1	183410.0	-8007.9	953	9.6	200744.0	-8043.8	1043	9.8	215337.0	-8027.3	50	8.4	23024.0	-8130.1
864	9.8	183424.0	-8039.5	954	9.3	200819.0	-8023.3	1044	9.6	215445.0	-8057.4	51	9.8	23307.0	-8120.6
865	8.9	183430.0	-8023.3	955	9.4	200955.0	-8045.0	1045	10.3	215915.0	-8054.6	52	9.8	23457.0	-8135.1
866	9.4	183439.0	-8022.5	956	9.8	201026.0	-8024.0	1046	9.4	220145.0	-8021.3	53	9.2	23853.0	-8117.6
867	9.6	183521.0	-8004.5	957	7.6	201055.0	-8056.8	1047	9.5	220327.0	-8041.9	54	9.1	24136.0	-8107.7
868	8.7	183522.0	-8028.7	958	9.6	201254.0	-8032.3	1048	9.0	220408.0	-8050.9	55	8.9	24211.0	-8105.7
869	9.1	183523.0	-8035.8	959	8.8	201309.0	-8020.1	1049	9.4	220446.0	-8029.2	56	8.3	24249.0	-8141.1
870	9.8	183615.0	-8052.2	960	9.6	201316.0	-8006.9	1050	9.0	221506.0	-8017.5	57	9.3	25140.0	-8149.6
871	9.4	183706.0	-8010.4	961	8.8	201402.0	-8042.9	1051	9.2	222231.0	-8029.6	58	9.2	25240.0	-8135.4
872	9.6	183717.0	-8056.1	962	9.2	201616.0	-8055.6	1052	9.6	222909.0	-8029.6	59	9.8	25425.0	-8158.6
873	9.4	183744.0	-8002.7	963	9.8	201754.0	-8030.4	1053	8.8	223237.0	-8053.6	60	9.8	25601.0	-8110.2
874	8.5	183920.0	-8018.8	964	9.6	201829.0	-8018.1	1054	9.5	223343.0	-8030.8	61	8.9	25639.0	-8155.2
875	9.4	183957.0	-8001.8	965	9.3	201859.0	-8030.5	1055	4.9	223835.0	-8047.0	62	9.6	25832.0	-8112.2
876	9.4	183959.0	-8006.7	966	9.2	201922.0	-8025.9	1056	9.6	224149.0	-8004.1	63	8.8	25857.0	-8103.8
877	9.8	184000.0	-8058.5	967	9.2	201937.0	-8047.7	1057	8.6	224347.0	-8022.9	64	9.8	25858.0	-8150.3
878	9.6	184139.0	-8052.1	968	9.2	201954.0	-8012.2	1058	9.4	224409.0	-8006.0	65	8.9	30517.0	-8123.4
879	9.3	184153.0	-8031.5	969	9.8	202143.0	-8031.3	1059	9.6	224426.0	-8000.1	66	8.9	30610.0	-8109.8
880	9.8	184205.0	-8036.1	970	8.0	202213.0	-8057.8	1060	9.6	224748.0	-8028.1	67	7.6	30652.0	-8134.5
881	8.3	184424.0	-8043.2	971	9.6	202250.0	-8030.7	1061	9.2	225115.0	-8033.4	68	9.3	30821.0	-8116.2
882	9.3	184426.0	-8044.9	972	10.2	202358.0	-8024.7	1062	9.4	225751.0	-8004.1	69	9.8	30903.0	-8117.9
883	8.9	184603.0	-8004.8	973	10.2	202409.0	-8014.3	1063	9.4	225759.0	-8053.0	70	8.4	31033.0	-8142.0
884	9.1	184622.0	-8010.8	974	10.3	202623.0	-8052.6	1064	6.2	225806.0	-8009.3	71	8.6	31036.0	-8100.2
885	9.7	184721.0	-8048.7	975	9.4	202714.0	-8046.9	1065	7.8	230748.0	-8007.0	72	9.8	31150.0	-8142.4
886	9.4	184724.0	-8020.7	976	10.0	202800.0	-8035.0	1066	9.6	230935.0	-8008.3	73	9.0	31320.0	-8124.0
887	8.4	184733.0	-8034.0	977	8.2	202809.0	-8046.0	1067	7.0	230939.0	-8009.3	74	8.9	31349.0	-8103.9
888	8.4	184756.0	-8043.3	978	8.2	202856.0	-8017.8	1068	9.6	231210.0	-8012.1	75	8.4	31504.0	-8127.8
889	9.4	184836.0	-8050.3	979	9.2	202920.0	-8046.7	1069	9.5	231537.0	-8025.5	76	9.8	31605.0	-8124.0
890	9.4	184837.0	-8039.1	980	9.0	203037.0	-8054.4	1070	9.7	231606.0	-8037.3	77	8.6	32134.0	-8144.8
891	9.4	184913.0	-8009.3	981	8.4	203040.0	-8035.0	1071	8.4	232549.0	-8047.3	78	8.1	32220.0	-8120.4
892	9.4	184925.0	-8005.5	982	9.7	203129.0	-8040.3	1072	9.5	232931.0	-8044.5	79	9.1	32251.0	-8116.0
893	9.4	185050.0	-8025.8	983	10.0	203131.0	-8046.7	1073	9.3	232939.0	-8023.7	80	9.1	32551.0	-8157.4
894	9.2	185121.0	-8010.9	984	9.7	203657.0	-8017.0	1074	9.3	233052.0	-8027.5	81	9.0	33216.0	-8144.9
895	9.4	185153.0	-8027.0	985	9.0	203736.0	-8049.8	1075	9.5	233230.0	-8028.1	82	9.0	33301.0	-8105.8
896	9.4	185444.0	-8026.8	986	9.6	203741.0	-8020.1	1076	9.2	233345.0	-8054.5	83	8.1	33608.0	-8107.8
897	9.8	185523.0	-8034.6	987	9.7	203905.0	-8014.9	1077	9.7	233733.0	-8037.5	84	9.8	33612.0	-8118.2
898	9.0	185803.0	-8002.9	988	9.6	203917.0	-8002.9	1078	7.8	234340.0	-8035.7	85	9.8	34024.0	-8126.9
899	9.2	185818.0	-8020.0	989	10.2	203924.0	-8046.2	1079	9.6	234755.0	-8051.8	86	9.3	34032.0	-8138.1
900	8.8	190001.0	-8042.9	990	9.8	203932.0	-8028.0	1080	9.9	234759.0	-8012.9	87	9.5	34103.0	-8156.0
901	9.8	190034.0	-8000.5	991	9.6	203934.0	-8004.6	1081	9.9	235015.0	-8054.0	88	9.0	34532.0	-8115.0

89	9.0	34545.0	-8115.4	179	7.7	62417.0	-8129.5	269	10.2	83614.0	-8128.0	359	9.9	94025.0	-8118.2
90	9.4	34551.0	-8124.9	180	9.0	62528.0	-8122.4	270	9.6	83633.0	-8100.6	360	9.9	94033.0	-8119.2
91	10.0	34920.0	-8154.2	181	9.4	62528.0	-8113.8	271	9.7	83720.0	-8128.8	361	9.8	94055.0	-8126.4
92	9.5	34940.0	-8126.9	182	9.4	62611.0	-8123.7	272	10.2	83727.0	-8123.6	362	9.9	94114.0	-8140.4
93	10.0	35625.0	-8128.7	183	9.2	62619.0	-8152.5	273	10.3	83826.0	-8143.6	363	8.2	94129.0	-8110.7
94	9.8	35756.0	-8131.0	184	9.6	62721.0	-8159.6	274	9.9	83840.0	-8103.6	364	9.7	94130.0	-8141.6
95	9.8	40544.0	-8159.5	185	9.6	62812.0	-8125.0	275	9.7	84015.0	-8149.1	365	7.9	94233.0	-8108.3
96	8.9	40655.0	-8100.6	186	8.9	62844.0	-8133.9	276	10.2	84105.0	-8100.2	366	9.8	94423.0	-8143.2
97	8.7	40828.0	-8145.2	187	8.9	63246.0	-8102.3	277	9.8	84121.0	-8103.9	367	9.6	94652.0	-8135.4
98	10.0	40849.0	-8120.2	188	9.8	63554.0	-8142.7	278	10.2	84150.0	-8155.3	368	9.4	94803.0	-8114.1
99	9.1	41025.0	-8130.9	189	9.6	63602.0	-8118.0	279	9.8	84208.0	-8104.0	369	9.8	94815.0	-8125.1
100	9.8	41056.0	-8131.5	190	9.5	63640.0	-8130.3	280	10.2	84418.0	-8127.6	370	9.5	94823.0	-8147.5
101	9.4	41254.0	-8121.8	191	9.6	63856.0	-8139.2	281	10.1	84516.0	-8131.6	371	9.7	94952.0	-8114.0
102	8.9	41306.0	-8113.0	192	9.2	64112.0	-8105.1	282	10.3	84612.0	-8128.8	372	9.7	94958.0	-8147.0
103	9.7	41432.0	-8102.8	193	10.0	64243.0	-8116.6	283	10.3	84806.0	-8116.0	373	9.2	95021.0	-8155.7
104	8.0	41548.0	-8102.8	194	8.9	64900.0	-8133.0	284	9.3	84834.0	-8106.2	374	9.6	95118.0	-8112.0
105	9.5	41752.0	-8102.7	195	9.8	64955.0	-8156.9	285	9.5	85015.0	-8125.0	375	9.8	95140.0	-8106.2
106	9.8	41840.0	-8155.0	196	8.9	65020.0	-8119.7	286	9.4	85046.0	-8119.1	376	9.5	95214.0	-8135.5
107	9.4	41932.0	-8122.8	197	9.4	65045.0	-8101.2	287	10.1	85129.0	-8137.8	377	9.8	95215.0	-8114.2
108	9.0	42103.0	-8118.1	198	9.6	65429.0	-8130.3	288	9.9	85159.0	-8121.8	378	9.8	95242.0	-8126.1
109	9.1	42130.0	-8151.4	199	10.0	65936.0	-8116.0	289	10.2	85339.0	-8100.4	379	9.6	95319.0	-8127.0
110	9.5	42230.0	-8134.7	200	9.1	65954.0	-8156.0	290	10.0	85512.0	-8154.9	380	9.4	95321.0	-8100.4
111	9.5	42321.0	-8110.9	201	9.4	70054.0	-8112.1	291	9.4	85715.0	-8133.9	381	9.4	95343.0	-8101.3
112	10.0	42734.0	-8102.3	202	9.4	70057.0	-8137.2	292	10.0	90102.0	-8151.1	382	9.4	95354.0	-8122.0
113	9.5	43108.0	-8152.8	203	9.6	70100.0	-8127.8	293	8.6	90120.0	-8143.1	383	9.5	95450.0	-8158.0
114	9.7	43110.0	-8116.8	204	9.2	70221.0	-8111.7	294	10.1	90225.0	-8135.3	384	9.6	95528.0	-8133.6
115	6.3	43208.0	-8151.6	205	10.0	70349.0	-8130.6	295	10.1	90306.0	-8154.5	385	9.5	95540.0	-8103.8
116	8.2	43552.0	-8150.7	206	9.6	70452.0	-8104.6	296	9.7	90558.0	-8153.9	386	9.2	95607.0	-8142.3
117	9.4	43602.0	-8114.7	207	9.0	70632.0	-8155.5	297	9.5	90628.0	-8152.5	387	9.8	95722.0	-8132.0
118	9.5	43643.0	-8129.0	208	9.2	70710.0	-8133.7	298	9.2	90819.0	-8136.9	388	9.6	95757.0	-8129.9
119	9.4	43931.0	-8159.7	209	9.6	70816.0	-8100.8	299	10.3	91243.0	-8129.5	389	9.8	95815.0	-8150.5
120	9.4	43937.0	-8128.1	210	9.4	70854.0	-8106.6	300	10.3	91306.0	-8103.8	390	8.4	95958.0	-8114.2
121	9.7	44018.0	-8125.6	211	9.0	70902.0	-8121.7	301	9.5	91324.0	-8144.4	391	9.7	100039.0	-8114.0
122	8.8	44202.0	-8130.8	212	10.0	71101.0	-8137.4	302	8.0	91446.0	-8148.5	392	9.1	100234.0	-8130.4
123	9.2	44535.0	-8132.4	213	8.9	71126.0	-8134.5	303	9.3	91516.0	-8141.9	393	9.1	100235.0	-8136.4
124	9.4	45032.0	-8102.4	214	8.2	71547.0	-8117.4	304	10.2	91529.0	-8154.0	394	9.2	100303.0	-8130.5
125	8.6	45436.0	-8142.9	215	9.0	71636.0	-8154.1	305	9.6	91534.0	-8107.5	395	9.8	100316.0	-8110.5
126	9.2	50039.0	-8118.8	216	9.4	71840.0	-8124.2	306	9.7	91551.0	-8115.1	396	9.8	100317.0	-8150.9
127	9.0	50815.0	-8153.8	217	9.9	72034.0	-8138.8	307	10.1	91606.0	-8119.4	397	9.6	100337.0	-8151.3
128	9.4	51039.0	-8140.4	218	9.6	72203.0	-8132.7	308	10.2	91637.0	-8111.2	398	9.6	100353.0	-8101.9
129	9.3	51232.0	-8132.4	219	8.9	72501.0	-8121.8	309	10.2	91720.0	-8153.0	399	6.3	100358.0	-8136.6
130	9.8	51658.0	-8118.8	220	9.2	72523.0	-8151 5	310	10.1	91736.0	-8124.4	400	9.8	100428.0	-8121.8
131	9.8	52101.0	-8124.9	221	9.2	73127.0	-8100.1	311	10.1	91749.0	-8158.4	401	9.2	100429.0	-8105.6
132	9.4	52234.0	-8112.4	222	9.4	73141.0	-8142 7	312	8.1	91821.0	-8114.7	402	9.5	100459.0	-8153.2
133	9.6	52431.0	-8156.8	223	10.0	73619.0	-8141.6	313	10.3	91849.0	-8107.0	403	9.3	100518.0	-8126.9
134	7.8	52432.0	-8140.2	224	9.2	73813.0	-8108 4	314	10.0	92001.0	-8137.0	404	9.4	100523.0	-8138.3
135	9.8	52453.0	-8132.3	225	9.2	74002.0	-8115.0	315	10.3	92016.0	-8149.8	405	9.4	100555.0	-8149.5
136	9.5	52705.0	-8111.4	226	8.9	74035.0	-8139.1	316	9.7	92018.0	-8117.4	406	9.7	100614.0	-8153.9
137	10.0	52710.0	-8143.8	227	9.6	74101.0	-8154 0	317	9.8	92028.0	-8146.9	407	9.6	100629.0	-8109.1
138	9.9	52711.0	-8156.7	228	9.4	74151.0	-8121.0	318	8.4	92028.0	-8141.6	408	9.4	100633.0	-8159.4
139	9.8	52752.0	-8117.9	229	8.4	74255.0	-8157.	319	10.1	92028.0	-8153.5	409	8.4	100650.0	-8153.9
140	9.8	52813.0	-8142.3	230	9.0	74317.0	-8142.	320	10.3	92041.0	-8156.7	410	9.2	100652.0	-8130.7
141	8.6	52908.0	-8104.6	231	9.2	75241.0	-8126.	321	9.8	92056.0	-8129.6	411	9.8	100831.0	-8121.7
142	7.3	53320.0	-8108.3	232	9.0	75321.0	-8120..	322	10.2	92223.0	-8128.6	412	9.5	100839.0	-8122.3
143	9.8	53358.0	-8113.6	233	9.4	75402.0	-8123.6	323	9.7	92234.0	-8115.3	413	9.5	100914.0	-8159.5
144	10.0	53643.0	-8111.5	234	9.6	75408.0	-8122.6	324	9.7	92251.0	-8121.1	414	9.5	100954.0	-8131.4
145	9.8	53655.0	-8135.3	235	9.5	75432.0	-8131.1	325	9.9	92316.0	-8151.6	415	9.7	101033.0	-8155.5
146	9.8	53815.0	-8159.9	236	7.2	75557.0	-8138.6	326	9.9	92317.0	-8155.3	416	9.7	101224.0	-8156.2
147	9.6	53837.0	-8151.2	237	6.5	75724.0	-8116.2	327	9.7	92327.0	-8145.9	417	9.3	101356.0	-8143.4
148	8.1	53913.0	-8140.2	238	9.0	75758.0	-8107.3	328	10.3	92421.0	-8123.0	418	9.4	101358.0	-8158.7
149	9.8	54110.0	-8150.3	239	9.8	75854.0	-8142.3	329	9.7	92432.0	-8130.9	419	9.4	101431.0	-8132.3
150	9.7	54158.0	-8139.2	240	9.5	80003.0	-8147.2	330	9.8	92450.0	-8128.0	420	9.8	101529.0	-8124.8
151	9.9	54751.0	-8151.8	241	9.2	80507.0	-8119.9	331	9.8	92504.0	-8111.8	421	9.7	101532.0	-8118.5
152	7.4	54810.0	-8140.1	242	9.7	80908.0	-8129.6	332	9.9	92515.0	-8126.5	422	9.3	101538.0	-8110.7
153	9.3	54917.0	-8152.5	243	9.5	81252.0	-8128.0	333	9.7	92524.0	-8139.4	423	9.4	101609.0	-8152.9
154	9.0	55437.0	-8109.6	244	10.2	81310.0	-8157.9	334	9.8	92526.0	-8127.0	424	9.4	101716.0	-8146.9
155	9.6	55615.0	-8105.8	245	9.8	81332.0	-8112.9	335	9.9	92533.0	-8130.3	425	9.5	101801.0	-8112.4
156	9.8	55632.0	-8115.0	246	9.8	81416.0	-8140.0	336	9.9	92613.0	-8117.3	426	9.7	101840.0	-8103.5
157	9.8	55811.0	-8143.7	247	9.0	81440.0	-8137.4	337	10.2	92616.0	-8156.5	427	9.0	101853.0	-8156.5
158	9.3	55938.0	-8123.9	248	9.5	81500.0	-8158.0	338	10.3	92618.0	-8138.6	428	9.7	101913.0	-8124.9
159	9.4	60011.0	-8158.1	249	9.4	81508.0	-8101.1	339	9.9	92638.0	-8110.6	429	9.7	101941.0	-8146.1
160	9.8	60225.0	-8127.0	250	9.2	81648.0	-8113.8	340	10.0	92751.0	-8104.6	430	9.4	102013.0	-8104.3
161	9.9	60323.0	-8113.1	251	9.9	81658.0	-8159.0	341	10.0	92813.0	-8138.2	431	9.2	102016.0	-8112.1
162	9.8	60433.0	-8155.5	252	9.7	81858.0	-8108.1	342	9.9	92833.0	-8150.0	432	7.3	102133.0	-8101.0
163	9.9	60513.0	-8144.0	253	9.8	81933.0	-8110.0	343	9.9	92851.0	-8158.7	433	9.8	102211.0	-8147.3
164	9.7	60556.0	-8107.8	254	9.4	81942.0	-8142.5	344	9.9	93003.0	-8119.2	434	9.8	102213.0	-8140.5
165	9.2	60646.0	-8157.0	255	10.1	82100.0	-8120.8	345	9.5	93108.0	-8154.4	435	9.4	102321.0	-8107.4
166	9.0	60740.0	-8133.7	256	9.7	82237.0	-8141.3	346	8.4	93225.0	-8109.0	436	9.4	102323.0	-8158.9
167	9.8	60833.0	-8118.1	257	9.9	82257.0	-8110.3	347	9.1	93243.0	-8117.3	437	9.4	102401.0	-8135.0
168	9.6	60845.0	-8123.2	258	9.9	82343.0	-8133.1	348	10.2	93400.0	-8100.7	438	9.8	102525.0	-8104.9
169	9.3	60913.0	-8128.2	259	9.9	82419.0	-8146.2	349	10.2	93436.0	-8143.8	439	9.7	102536.0	-8104.0
170	9.4	60956.0	-8144.8	260	9.4	82806.0	-8139.8	350	10.0	93504.0	-8139.6	440	9.7	102552.0	-8146.0
171	9.0	61159.0	-8106.1	261	9.7	83029.0	-8108.7	351	7.6	93507.0	-8142.4	441	9.7	102604.0	-8113.6
172	9.8	61316.0	-8140.5	262	9.8	83102.0	-8133.1	352	10.0	93536.0	-8155.0	442	9.8	102651.0	-8101.7
173	9.1	61353.0	-8102.8	263	9.5	83219.0	-8134.3	353	9.8	93545.0	-8128.7	443	9.1	102722.0	-8147.6
174	10.0	61510.0	-8135.1	264	9.9	83250.0	-8140.8	354	8.7	93607.0	-8107.0	444	9.6	102809.0	-8150.9
175	7.3	61820.0	-8101.6	265	9.4	83337.0	-8138.3	355	9.7	93639.0	-8103.0	445	9.7	103018.0	-8123.3
176	8.0	61844.0	-8157.2	266	10.0	83414.0	-8105.1	356	8.8	93711.0	-8151.1	446	9.7	103136.0	-8135.5
177	9.1	61955.0	-8100.5	267	10.0	83508.0	-8144.3	357	10.1	93759.0	-8130.5	447	9.6	103144.0	-8129.6
178	9.5	62229.0	-8144.5	268	10.2	83556.0	-8123.8	358	9.8	93850.0	-8154.4	448	9.0	103216.0	-8116.9

-81 449 10h32m

-81 808 17h58m

449	7.1	103233.0	-8116.5	539	10.1	115409.0	-8135.8	629	9.6	130919.0	-8107.5
450	9.8	103244.0	-8134.7	540	9.7	115415.0	-8103.5	630	9.5	131154.0	-8108.8
451	9.5	103314.0	-8108.5	541	9.8	115440.0	-8113.3	631	9.5	131226.0	-8103.9
452	9.8	103351.0	-8122.8	542	9.8	115507.0	-8152.3	632	9.4	131624.0	-8143.2
453	9.2	103518.0	-8138.7	543	9.3	115513.0	-8151.8	633	9.8	131954.0	-8137.6
454	9.2	103658.0	-8159.3	544	9.8	115544.0	-8146.7	634	9.1	132520.0	-8116.1
455	9.2	103742.0	-8137.7	545	9.8	115658.0	-8122.3	635	9.1	133140.0	-8108.6
456	9.2	103825.0	-8134.3	546	9.5	115708.0	-8109.3	636	9.4	133621.0	-8109.4
457	9.3	103846.0	-8107.9	547	8.8	115820.0	-8133.6	637	9.7	133821.0	-8106.8
458	9.6	103852.0	-8102.5	548	10.2	120006.0	-8155.7	638	9.6	134132.0	-8147.9
459	9.5	103919.0	-8113.9	549	10.0	120437.0	-8108.7	639	9.6	134553.0	-8151.1
460	9.8	103929.0	-8137.5	550	9.9	120533.0	-8125.7	640	9.3	134628.0	-8119.4
461	9.5	103948.0	-8134.9	551	10.0	120620.0	-8151.1	641	8.8	134723.0	-8114.4
462	9.6	104015.0	-8110.8	552	9.3	120747.0	-8112.3	642	9.7	134856.0	-8146.2
463	9.5	104100.0	-8100.7	553	9.9	120800.0	-8107.1	643	9.6	134917.0	-8153.3
464	9.4	104110.0	-8104.9	554	10.0	120829.0	-8143.5	644	8.7	135718.0	-8111.7
465	9.6	104116.0	-8129.3	555	10.0	120922.0	-8134.5	645	8.8	140309.0	-8118.3
466	9.6	104134.0	-8153.7	556	10.0	121148.0	-8143.5	646	9.6	140324.0	-8128.4
467	8.2	104220.0	-8122.7	557	9.4	121243.0	-8155.9	647	8.9	140731.0	-8138.7
468	9.8	104242.0	-8100.4	558	9.8	121323.0	-8142.0	648	9.4	141007.0	-8143.7
469	9.0	104323.0	-8139.6	559	9.8	121507.0	-8106.1	649	9.4	141046.0	-8112.8
470	9.6	104326.0	-8143.8	560	9.8	121525.0	-8135.7	650	9.4	141330.0	-8154.9
471	9.0	104507.0	-8139.8	561	9.8	121556.0	-8154.0	651	9.4	141515.0	-8152.9
472	9.8	104527.0	-8146.7	562	10.0	121726.0	-8145.6	652	9.7	141518.0	-8133.5
473	9.7	104603.0	-8150.5	563	9.3	121732.0	-8143.8	653	9.6	141542.0	-8132.0
474	9.5	104635.0	-8102.1	564	10.2	121736.0	-8129.2	654	9.4	141544.0	-8119.0
475	9.8	104737.0	-8133.0	565	9.3	121741.0	-8124.7	655	9.3	141546.0	-8114.0
476	9.2	104926.0	-8137.1	566	10.1	121804.0	-8106.9	656	8.7	141656.0	-8124.5
477	9.5	105454.0	-8149.0	567	9.5	121830.0	-8120.7	657	8.8	141657.0	-8113.2
478	7.5	105724.0	-8154.6	568	9.6	122035.0	-8159.8	658	9.6	141836.0	-8144.5
479	9.8	105835.0	-8105.9	569	9.5	122039.0	-8152.6	659	9.6	141856.0	-8101.6
480	9.8	105855.0	-8144.1	570	9.8	122104.0	-8128.9	660	9.8	141931.0	-8117.2
481	8.6	105958.0	-8137.3	571	10.2	122129.0	-8137.6	661	9.3	141940.0	-8149.3
482	9.7	105959.0	-8122.7	572	10.2	122136.0	-8149.7	662	9.4	142225.0	-8113.0
483	9.2	110016.0	-8157.2	573	9.6	122153.0	-8147.2	663	9.6	142235.0	-8156.8
484	9.6	110023.0	-8146.2	574	10.0	122240.0	-8134.9	664	9.0	142257.0	-8141.1
485	9.5	110457.0	-8146.8	575	10.2	122337.0	-8124.9	665	9.3	142448.0	-8113.7
486	9.8	110514.0	-8107.0	576	10.0	122437.0	-8145.0	666	9.4	142528.0	-8145.7
487	9.8	110520.0	-8116.2	577	10.1	122538.0	-8138.8	667	9.6	142611.0	-8116.9
488	9.5	110547.0	-8122.9	578	10.0	122606.0	-8128.2	668	8.6	142615.0	-8130.9
489	9.8	110556.0	-8115.9	579	9.7	122708.0	-8119.0	669	9.4	142735.0	-8142.0
490	9.2	110739.0	-8113.7	580	10.0	122756.0	-8142.3	670	9.6	142909.0	-8139.3
491	9.6	111509.0	-8132.0	581	9.6	122836.0	-8125.7	671	9.6	142913.0	-8125.8
492	9.8	111510.0	-8119.1	582	9.5	122906.0	-8137.5	672	8.9	142932.0	-8131.7
493	10.2	111604.0	-8123.1	583	10.0	122922.0	-8108.7	673	9.2	143015.0	-8156.3
494	9.7	111713.0	-8142.0	584	9.9	122925.0	-8155.3	674	9.6	143142.0	-8116.0
495	9.8	111851.0	-8153.0	585	9.5	122948.0	-8153.8	675	9.7	143318.0	-8105.9
496	8.7	111943.0	-8131.4	586	10.0	123000.0	-8148.2	676	9.2	143352.0	-8117.4
497	9.7	111947.0	-8117.0	587	9.7	123000.0	-8122.0	677	9.0	143408.0	-8117.9
498	9.6	111947.0	-8124.1	588	9.8	123001.0	-8100.8	678	9.0	143435.0	-8119.8
499	10.2	112224.0	-8111.4	589	10.0	123029.0	-8145.5	679	8.8	143530.0	-8142.7
500	9.2	112354.0	-8149.8	590	10.2	123124.0	-8142.9	680	9.7	143601.0	-8135.6
501	9.6	112409.0	-8122.5	591	9.9	123306.0	-8108.0	681	9.3	143649.0	-8112.2
502	9.8	112430.0	-8121.4	592	9.1	123338.0	-8121.3	682	9.1	143949.0	-8159.0
503	9.8	112508.0	-8133.3	593	9.9	123422.0	-8147.8	683	9.6	144021.0	-8144.1
504	9.8	112534.0	-8118.0	594	9.2	123424.0	-8119.8	684	9.8	144436.0	-8133.9
505	10.2	112619.0	-8127.9	595	10.0	123521.0	-8115.3	685	9.5	144638.0	-8121.4
506	10.2	113052.0	-8151.0	596	10.2	123611.0	-8122.8	686	9.6	144903.0	-8135.6
507	9.6	113119.0	-8131.0	597	9.3	123618.0	-8122.3	687	9.3	145112.0	-8136.7
508	10.0	113200.0	-8108.0	598	10.2	123632.0	-8148.9	688	9.5	145155.0	-8139.1
509	9.9	113252.0	-8117.2	599	10.2	123658.0	-8145.7	689	9.7	145241.0	-8103.0
510	9.2	113432.0	-8138.2	600	9.7	123753.0	-8107.9	690	9.4	145320.0	-8145.8
511	10.0	113433.0	-8112.2	601	9.5	123814.0	-8159.0	691	9.6	145434.0	-8144.0
512	10.0	113612.0	-8136.1	602	10.2	123817.0	-8145.5	692	9.5	145719.0	-8135.8
513	10.0	113813.0	-8117.2	603	10.0	123853.0	-8100.3	693	9.6	145728.0	-8143.9
514	10.0	113816.0	-8109.5	604	10.0	123855.0	-8126.7	694	9.2	145803.0	-8137.8
515	10.0	113828.0	-8122.2	605	10.2	123924.0	-8141.9	695	9.6	150023.0	-8158.7
516	10.2	113848.0	-8136.8	606	10.0	123943.0	-8128.0	696	9.4	150108.0	-8101.4
517	9.8	113907.0	-8135.8	607	10.0	124029.0	-8139.3	697	9.0	150308.0	-8125.3
518	9.7	113928.0	-8153.6	608	10.0	124040.0	-8116.0	698	9.6	150549.0	-8103.9
519	9.9	114005.0	-8149.0	609	10.0	124134.0	-8141.7	699	9.4	150554.0	-8114.9
520	9.6	114015.0	-8103.4	610	9.1	124228.0	-8111.4	700	9.6	151015.0	-8114.9
521	9.8	114019.0	-8157.2	611	9.7	124310.0	-8104.5	701	9.5	151155.0	-8117.4
522	9.8	114046.0	-8104.0	612	9.5	124422.0	-8155.6	702	9.8	151206.0	-8126.8
523	10.0	114156.0	-8157.2	613	9.6	124537.0	-8142.2	703	9.7	151216.0	-8155.4
524	10.2	114229.0	-8103.9	614	9.5	124654.0	-8141.4	704	9.1	151303.0	-8147.8
525	9.5	114306.0	-8144.6	615	9.2	124712.0	-8144.2	705	9.4	151318.0	-8154.8
526	9.6	114323.0	-8104.3	616	9.5	124833.0	-8126.1	706	9.8	151339.0	-8133.5
527	10.2	114413.0	-8152.0	617	9.5	124851.0	-8128.9	707	9.3	151446.0	-8121.1
528	10.2	114434.0	-8115.4	618	10.2	124855.0	-8129.4	708	9.4	151455.0	-8115.5
529	9.2	114620.0	-8104.3	619	10.2	124907.0	-8127.7	709	8.5	151510.0	-8117.6
530	10.0	114641.0	-8108.5	620	9.3	125109.0	-8157.8	710	9.4	151553.0	-8106.0
531	9.4	114737.0	-8135.9	621	9.5	125436.0	-8124.6	711	9.1	151555.0	-8143.3
532	9.9	114758.0	-8130.2	622	9.8	125833.0	-8143.4	712	9.7	151646.0	-8145.8
533	10.2	114933.0	-8142.0	623	9.7	125843.0	-8155.6	713	9.6	151708.0	-8110.8
534	9.9	114950.0	-8114.9	624	9.8	125905.0	-8136.0	714	9.4	151800.0	-8137.1
535	8.8	115200.0	-8149.7	625	10.0	130040.0	-8127.7	715	9.4	151842.0	-8126.5
536	10.2	115312.0	-8138.7	626	9.9	130307.0	-8153.4	716	9.3	152016.0	-8100.6
537	10.2	115341.0	-8153.9	627	9.6	130352.0	-8128.7	717	9.1	152028.0	-8100.7
538	10.0	115347.0	-8102.2	628	9.7	130419.0	-8155.1	718	9.5	152038.0	-8100.1
719	9.5	152055.0	-8138.9
720	9.5	152152.0	-8123.6
721	9.5	152207.0	-8129.7
722	9.2	152223.0	-8126.2
723	9.6	152310.0	-8103.4
724	9.4	152327.0	-8138.5
725	9.2	152337.0	-8117.5
726	9.8	152433.0	-8137.8
727	9.6	152601.0	-8124.1
728	9.4	152646.0	-8137.4
729	9.2	152718.0	-8140.0
730	9.6	152811.0	-8116.6
731	9.6	152901.0	-8110.7
732	9.5	152911.0	-8156.8
733	9.4	153000.0	-8138.9
734	9.4	153036.0	-8156.2
735	9.4	153136.0	-8140.4
736	9.6	153232.0	-8105.9
737	9.6	153339.0	-8109.8
738	9.7	153421.0	-8134.8
739	9.4	153449.0	-8104.1
740	9.4	153501.0	-8103.9
741	9.3	153609.0	-8108.5
742	9.1	153647.0	-8131.7
743	9.1	153718.0	-8104.1
744	9.6	153925.0	-8136.4
745	9.6	154056.0	-8129.5
746	8.9	154144.0	-8110.3
747	9.2	154145.0	-8144.4
748	9.4	154244.0	-8111.4
749	9.7	154251.0	-8102.9
750	9.6	154314.0	-8134.3
751	9.5	154322.0	-8107.8
752	9.6	154338.0	-8139.1
753	9.6	154340.0	-8148.3
754	9.2	154444.0	-8135.0
755	9.5	154507.0	-8109.8
756	9.1	154552.0	-8159.3
757	9.6	154750.0	-8108.1
758	9.6	154912.0	-8109.9
759	9.6	155055.0	-8130.7
760	9.6	155119.0	-8126.9
761	9.0	155153.0	-8136.0
762	9.5	155210.0	-8120.5
763	8.4	155232.0	-8135.1
764	9.5	155232.0	-8150.2
765	9.6	155642.0	-8142.8
766	9.5	160216.0	-8140.8
767	8.0	160401.0	-8139.3
768	9.2	160451.0	-8114.0
769	9.6	160953.0	-8103.0
770	9.3	161926.0	-8131.0
771	8.2	162911.0	-8121.6
772	8.8	163012.0	-8143.5
773	9.0	163456.0	-8142.5
774	9.2	163542.0	-8154.0
775	8.9	163727.0	-8136.5
776	9.0	163815.0	-8113.6
777	9.0	163855.0	-8111.6
778	9.4	164450.0	-8149.5
779	8.2	164523.0	-8108.0
780	9.4	164802.0	-8137.8
781	9.1	165219.0	-8128.0
782	9.6	165336.0	-8123.4
783	9.1	165338.0	-8115.5
784	8.5	165359.0	-8100.7
785	9.3	165729.0	-8136.7
786	9.6	170038.0	-8139.4
787	9.2	170604.0	-8129.1
788	9.6	170851.0	-8133.4
789	9.4	170901.0	-8100.1
790	9.4	170937.0	-8124.9
791	8.9	170958.0	-8109.9
792	9.4	171231.0	-8143.1
793	9.7	171619.0	-8133.2
794	9.6	172033.0	-8157.3
795	8.5	172238.0	-8149.2
796	9.6	172619.0	-8137.8
797	9.2	173239.0	-8126.8
798	7.4	173320.0	-8124.4
799	8.2	174027.0	-8127.8
800	8.8	174513.0	-8124.7
801	8.5	174803.0	-8140.2
802	9.2	174847.0	-8149.7
803	7.9	174921.0	-8150.9
804	9.4	174921.0	-8141.6
805	9.4	175340.0	-8140.0
806	8.6	175507.0	-8110.0
807	9.6	175747.0	-8101.8
808	9.2	175802.0	-8110.8

809	9.4	180133.0	-8152.1	899	9.4	201128.0	-8123.8	989	9.6	220303.0	-8111.3	29	9.6	14357.0	-8235.3
810	9.1	180518.0	-8148.9	900	9.2	201220.0	-8121.7	990	8.8	220318.0	-8104.6	30	9.0	14707.0	-8222.2
811	9.2	180723.0	-8124.6	901	7.4	201220.0	-8122.2	991	9.0	220339.0	-8100.5	31	9.5	15104.0	-8251.0
812	9.4	181523.0	-8134.0	902	9.2	201342.0	-8119.7	992	8.7	220405.0	-8135.8	32	9.0	15255.0	-8200.6
813	6.4	181635.0	-8153.8	903	8.4	201500.0	-8156.8	993	9.6	220509.0	-8141.4	33	9.2	15419.0	-8247.9
814	9.6	181713.0	-8113.3	904	8.9	201540.0	-8138.1	994	9.6	220536.0	-8118.7	34	7.0	15941.0	-8206.3
815	8.6	182459.0	-8123.1	905	10.0	201609.0	-8146.4	995	6.6	220552.0	-8103.6	35	9.2	20111.0	-8241.0
816	9.4	182628.0	-8133.9	906	7.2	201701.0	-8142.4	996	9.2	220632.0	-8116.0	36	9.4	20210.0	-8231.3
817	8.8	182942.0	-8141.9	907	10.3	201712.0	-8132.7	997	9.6	220638.0	-8110.6	37	8.5	20247.0	-8253.8
818	9.8	183234.0	-8120.7	908	9.6	201803.0	-8120.1	998	8.4	220644.0	-8104.6	38	9.3	20650.0	-8237.9
819	9.7	183319.0	-8104.1	909	10.0	201806.0	-8115.4	999	9.7	220942.0	-8115.9	39	7.6	20938.0	-8253.5
820	9.4	183423.0	-8123.6	910	9.8	201834.0	-8135.3	1000	9.5	221045.0	-8121.0	40	9.8	21551.0	-8211.8
821	9.3	183438.0	-8117.1	911	8.8	202052.0	-8118.3	1001	9.5	221243.0	-8156.8	41	9.8	21853.0	-8215.9
822	8.8	183445.0	-8133.7	912	9.6	202128.0	-8141.7	1002	9.6	221558.0	-8141.0	42	9.0	22709.0	-8206.8
823	9.7	183601.0	-8127.6	913	9.6	202222.0	-8112.8	1003	9.5	221624.0	-8140.9	43	8.2	23326.0	-8234.3
824	8.9	183616.0	-8110.7	914	10.3	202319.0	-8102.9	1004	8.8	221739.0	-8119.9	44	9.2	23548.0	-8228.0
825	9.6	184007.0	-8103.7	915	9.8	202321.0	-8101.7	1005	9.7	221941.0	-8117.9	45	8.8	24000.0	-8202.1
826	9.7	184038.0	-8147.9	916	9.7	202323.0	-8115.2	1006	9.3	222238.0	-8154.1	46	7.5	24205.0	-8246.1
827	8.5	184149.0	-8158.8	917	9.6	202424.0	-8126.6	1007	9.3	222435.0	-8133.8	47	8.6	24358.0	-8200.1
828	9.4	184220.0	-8100.1	918	9.4	202437.0	-8131.8	1008	9.2	222518.0	-8112.9	48	8.7	25059.0	-8200.1
829	9.8	184509.0	-8102.7	919	9.6	202444.0	-8121.9	1009	8.8	222550.0	-8104.5	49	9.4	25247.0	-8234.7
830	9.8	184642.0	-8119.4	920	10.0	202528.0	-8138.8	1010	9.4	222640.0	-8156.9	50	9.4	25910.0	-8238.8
831	7.7	184715.0	-8135.5	921	9.7	202749.0	-8126.2	1011	9.4	222705.0	-8131.1	51	8.9	30147.0	-8203.4
832	8.5	184930.0	-8123.9	922	9.0	202829.0	-8137.1	1012	9.3	222922.0	-8135.2	52	8.9	30328.0	-8244.5
833	9.8	184943.0	-8135.9	923	10.2	203006.0	-8143.3	1013	9.7	223052.0	-8136.9	53	9.0	30551.0	-8215.0
834	9.6	185025.0	-8129.7	924	10.0	203355.0	-8141.6	1014	9.7	223357.0	-8123.4	54	8.6	30848.0	-8223.1
835	9.0	185433.0	-8108.9	925	10.0	203401.0	-8132.7	1015	9.6	223603.0	-8111.0	55	9.8	30923.0	-8252.5
836	9.8	185511.0	-8120.2	926	10.1	203549.0	-8130.6	1016	9.4	223840.0	-8147.9	56	9.2	31633.0	-8237.8
837	9.7	185614.0	-8132.0	927	8.6	203908.0	-8105.4	1017	9.4	223918.0	-8159.1	57	8.7	31714.0	-8216.9
838	8.8	185614.0	-8127.0	928	9.8	203915.0	-8103.8	1018	9.0	224416.0	-8153.0	58	9.5	32324.0	-8242.8
839	9.2	185632.0	-8102.0	929	9.6	204001.0	-8124.6	1019	9.6	224426.0	-8107.6	59	9.2	32449.0	-8225.2
840	8.8	185646.0	-8126.2	930	9.7	204038.0	-8129.9	1020	8.7	224523.0	-8146.5	60	9.6	32629.0	-8243.0
841	9.7	185759.0	-8140.4	931	9.0	204047.0	-8113.8	1021	9.5	225553.0	-8151.8	61	9.4	32655.0	-8213.0
842	9.6	185817.0	-8154.8	932	9.2	204053.0	-8140.1	1022	9.3	225703.0	-8156.0	62	9.2	32813.0	-8228.9
843	9.4	185906.0	-8117.3	933	10.3	204149.0	-8113.0	1023	9.2	225945.0	-8124.9	63	9.0	32823.0	-8211.4
844	8.9	185922.0	-8140.2	934	10.0	204215.0	-8106.5	1024	7.7	230139.0	-8135.4	64	7.8	33020.0	-8241.9
845	8.3	185933.0	-8145.0	935	9.6	204442.0	-8116.9	1025	9.2	230306.0	-8118.8	65	8.0	33201.0	-8254.7
846	8.5	185938.0	-8135.8	936	8.3	204519.0	-8152.7	1026	9.0	230545.0	-8126.4	66	9.8	33217.0	-8208.3
847	9.6	190032.0	-8108.3	937	10.2	204558.0	-8103.1	1027	8.1	230615.0	-8111.7	67	9.2	33411.0	-8249.8
848	8.4	190212.0	-8146.0	938	7.4	204747.0	-8110.7	1028	9.2	230731.0	-8104.4	68	8.8	33753.0	-8243.3
849	8.3	190714.0	-8108.5	939	9.0	204935.0	-8121.5	1029	7.6	230759.0	-8106.4	69	9.5	34121.0	-8204.7
850	7.8	190827.0	-8146.0	940	10.2	205141.0	-8100.1	1030	9.6	231137.0	-8125.6	70	8.8	34645.0	-8242.6
851	9.3	190918.0	-8138.6	941	9.3	205248.0	-8112.1	1031	10.0	231450.0	-8127.4	71	9.8	35018.0	-8204.7
852	9.4	191100.0	-8102.9	942	9.4	205303.0	-8153.9	1032	8.6	231554.0	-8111.7	72	8.7	35046.0	-8210.9
853	8.3	191238.0	-8130.0	943	9.7	205412.0	-8150.8	1033	10.0	231615.0	-8157.7	73	9.0	35200.0	-8221.6
854	8.7	191247.0	-8152.5	944	8.6	205420.0	-8150.3	1034	8.8	231801.0	-8100.4	74	9.5	35240.0	-8203.3
855	9.5	191335.0	-8106.7	945	9.2	205802.0	-8132.1	1035	10.0	232023.0	-8118.6	75	9.2	35252.0	-8252.2
856	8.9	191541.0	-8133.7	946	9.7	205951.0	-8145.5	1036	8.2	232300.0	-8130.9	76	9.8	35347.0	-8226.5
857	9.2	191856.0	-8159.2	947	10.2	210026.0	-8110.9	1037	8.8	232337.0	-8147.6	77	9.2	35540.0	-8207.2
858	9.0	192117.0	-8144.1	948	9.6	210052.0	-8102.4	1038	9.0	232417.0	-8124.7	78	9.8	40046.0	-8227.5
859	9.4	192327.0	-8141.3	949	10.0	210143.0	-8111.2	1039	9.4	232614.0	-8144.3	79	8.9	40431.0	-8241.0
860	9.6	192420.0	-8116.0	950	9.6	210212.0	-8119.9	1040	8.8	233029.0	-8156.9	80	9.7	40804.0	-8224.9
861	9.3	192537.0	-8154.8	951	9.6	210448.0	-8104.3	1041	9.0	233305.0	-8114.6	81	9.7	41105.0	-8239.3
862	9.7	192558.0	-8128.9	952	8.7	210631.0	-8103.1	1042	9.7	234000.0	-8122.2	82	9.5	41420.0	-8250.5
863	9.1	192611.0	-8118.1	953	8.9	210636.0	-8123.7	1043	9.4	234342.0	-8134.5	83	9.2	41932.0	-8236.0
864	8.2	192727.0	-8134.0	954	8.2	210850.0	-8112.7	1044	8.4	234624.0	-8102.1	84	9.4	42100.0	-8209.9
865	9.0	192924.0	-8134.0	955	10.1	210911.0	-8133.9	1045	9.3	235211.0	-8149.3	85	8.7	42302.0	-8253.8
866	9.2	193024.0	-8100.3	956	9.6	210919.0	-8153.3	1046	9.2	235339.0	-8122.2	86	10.0	42431.0	-8223.7
867	9.6	193052.0	-8129.3	957	9.7	211319.0	-8136.8	1047	9.2	235533.0	-8158.8	87	9.5	42439.0	-8237.9
868	7.6	193251.0	-8139.4	958	9.7	211347.0	-8122.2	1048	10.0	235601.0	-8106.9	88	9.3	43131.0	-8229.8
869	9.4	193442.0	-8140.5	959	10.1	211353.0	-8145.9	1049	9.9	235717.0	-8112.4	89	8.4	43332.0	-8203.1
870	9.2	193725.0	-8154.0	960	10.3	211406.0	-8150.0	1050	7.3	235738.0	-8105.4	90	9.7	44223.0	-8212.1
871	7.8	193735.0	-8153.2	961	8.8	211800.0	-8107.9	1	9.2	00019.0	-8253.5	91	9.5	44450.0	-8219.1
872	9.7	193748.0	-8116.0	962	9.2	211815.0	-8124.7	2	9.0	00111.0	-8210.9	92	9.7	44558.0	-8210.5
873	8.1	193814.0	-8134.1	963	9.4	211916.0	-8104.7	3	8.9	00356.0	-8202.7	93	9.6	44855.0	-8254.6
874	9.4	194100.0	-8122.4	964	9.0	212036.0	-8152.9	4	6.3	00419.0	-8255.2	94	9.4	44945.0	-8219.1
875	8.7	194134.0	-8115.2	965	9.0	212144.0	-8102.7	5	9.2	00835.0	-8248.1	95	9.2	45024.0	-8249.1
876	9.6	194212.0	-8119.8	966	9.2	212240.0	-8113.9	6	8.7	01558.0	-8218.4	96	9.6	45109.0	-8217.9
877	9.6	194303.0	-8123.9	967	9.6	212503.0	-8130.5	7	9.2	01637.0	-8222.2	97	9.8	45139.0	-8232.9
878	8.5	194435.0	-8138.4	968	9.6	212737.0	-8105.0	8	9.5	01934.0	-8207.6	98	10.0	45541.0	-8248.1
879	8.7	194645.0	-8147.0	969	9.7	212858.0	-8136.9	9	9.8	02022.0	-8226.7	99	8.6	45723.0	-8243.8
880	9.3	194711.0	-8100.0	970	10.3	213000.0	-8102.8	10	9.2	02843.0	-8220.8	100	9.0	50015.0	-8207.5
881	9.8	194755.0	-8152.0	971	10.3	213144.0	-8113.7	11	8.6	03038.0	-8242.4	101	10.0	50039.0	-8236.6
882	9.2	194845.0	-8129.2	972	8.6	213148.0	-8148.3	12	9.2	04055.0	-8235.4	102	9.1	50344.0	-8213.3
883	8.4	195038.0	-8112.2	973	10.3	213313.0	-8125.5	13	9.4	04256.0	-8237.8	103	9.4	50623.0	-8216.2
884	9.4	195131.0	-8136.4	974	9.6	213339.0	-8136.1	14	9.4	05450.0	-8234.4	104	8.6	50627.0	-8239.8
885	9.4	195709.0	-8122.0	975	9.7	213521.0	-8151.5	15	9.6	10321.0	-8242.1	105	9.2	50754.0	-8208.5
886	9.4	195809.0	-8157.6	976	9.7	213713.0	-8125.8	16	8.4	10601.0	-8219.9	106	6.7	51310.0	-8238.1
887	9.6	195822.0	-8125.9	977	9.4	213800.0	-8110.5	17	9.4	10607.0	-8251.8	107	9.7	51438.0	-8239.7
888	8.1	195824.0	-8159.0	978	9.8	213806.0	-8110.3	18	9.0	10743.0	-8244.4	108	10.2	51637.0	-8257.1
889	8.9	195858.0	-8112.8	979	8.6	213941.0	-8133.3	19	9.4	10829.0	-8227.3	109	9.2	51723.0	-8240.1
890	8.0	195924.0	-8139.0	980	9.4	214223.0	-8146.8	20	9.4	10949.0	-8202.5	110	8.8	52006.0	-8242.3
891	9.1	195947.0	-8116.2	981	8.8	214502.0	-8137.5	21	9.5	10949.0	-8235.2	111	9.6	52233.0	-8208.4
892	9.4	200408.0	-8148.9	982	8.5	214900.0	-8113.4	22	8.2	11642.0	-8212.0	112	9.8	52245.0	-8223.7
893	8.9	200541.0	-8157.3	983	10.1	214916.0	-8159.4	23	8.8	13022.0	-8228.0	113	8.9	52345.0	-8250.4
894	9.3	200617.0	-8136.9	984	10.0	214944.0	-8137.6	24	9.0	13035.0	-8240.8	114	10.0	52357.0	-8214.4
895	9.8	200652.0	-8112.7	985	9.6	215155.0	-8132.0	25	9.0	13100.0	-8251.3	115	9.2	52359.0	-8204.9
896	9.8	200723.0	-8125.1	986	10.0	215431.0	-8138.4	26	9.0	13606.0	-8220.5	116	8.8	52440.0	-8224.9
897	8.4	200813.0	-8106.9	987	9.6	215602.0	-8133.3	27	8.5	13629.0	-8203.5	117	10.0	52508.0	-8209.6
898	9.7	201102.0	-8106.0	988	9.6	220124.0	-8107.1	28	7.8	13955.0	-8254.8	118	9.4	52559.0	-8206.1

-82 119 5h26m

-82 478 11h46m

119 8.8 52651.0 -8229.5	209 9.2 74747.0 -8242.1	299 9.7 90657.0 -8259.8	389 10.0 101431.0 -8244.2
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145 9.8 62300.0 -8230.2	235 10.0 81435.0 -8252.9	325 10.3 92444.0 -8201.6	415 9.3 103327.0 -8235.0
146 8.3 63213.0 -8208.2	236 10.6 81449.0 -8222.4	326 10.2 92511.0 -8202.7	416 10.0 103340.0 -8246.6
147 9.6 63413.0 -8212.8	237 10.5 81525.0 -8217.9	327 10.5 92850.0 -8247.8	417 9.7 103348.0 -8232.8
148 7.7 63420.0 -8253.5	238 10.7 81641.0 -8218.1	328 10.0 92919.0 -8218.3	418 9.5 103402.0 -8254.2
149 9.5 64026.0 -8220.5	239 10.0 81719.0 -8238.0	329 10.3 92951.0 -8234.5	419 10.3 103458.0 -8246.6
150 9.2 64650.0 -8209.2	240 9.5 82103.0 -8243.8	330 10.1 93044.0 -8205.3	420 9.0 103519.0 -8242.8
151 9.8 64920.0 -8230.9	241 9.8 82200.0 -8257.4	331 9.7 93108.0 -8207.9	421 9.4 103633.0 -8200.9
152 9.5 65010.0 -8232.1	242 10.2 82211.0 -8253.7	332 10.5 93137.0 -8250.8	422 9.5 103650.0 -8237.1
153 9.4 65111.0 -8227.4	243 9.4 82355.0 -8233.7	333 9.7 93237.0 -8240.5	423 10.4 103710.0 -8252.4
154 9.0 65357.0 -8255.2	244 10.2 82723.0 -8206.2	334 10.3 93237.0 -8237.7	424 8.5 103737.0 -8216.3
155 9.8 65416.0 -8214.7	245 9.3 82956.0 -8226.1	335 10.3 93244.0 -8205.9	425 10.0 103819.0 -8253.4
156 10.4 65506.0 -8207.2	246 9.7 83000.0 -8239.3	336 8.7 93513.0 -8257.8	426 9.9 103827.0 -8239.6
157 9.9 65647.0 -8202.8	247 10.6 83017.0 -8255.2	337 10.1 93542.0 -8231.3	427 9.1 104013.0 -8227.6
158 10.2 65812.0 -8231.2	248 9.9 83110.0 -8234.4	338 9.7 93610.0 -8221.4	428 9.5 104226.0 -8242.0
159 10.5 65919.0 -8225.5	249 9.2 83221.0 -8255.9	339 10.5 93738.0 -8240.4	429 9.7 104330.0 -8233.9
160 8.4 65938.0 -8201.5	250 10.6 83251.0 -8252.7	340 10.1 93847.0 -8239.8	430 9.4 104418.0 -8205.0
161 8.2 70017.0 -8244.2	251 10.7 83400.0 -8253.0	341 10.3 93928.0 -8213.6	431 9.5 104454.0 -8257.5
162 10.0 70419.0 -8233.1	252 10.0 83418.0 -8256.7	342 9.7 93946.0 -8227.8	432 10.4 104529.0 -8258.4
163 10.5 70601.0 -8236.4	253 8.9 83455.0 -8255.7	343 9.7 94000.0 -8219.2	433 9.2 105040.0 -8253.1
164 9.6 70617.0 -8206.9	254 9.8 83505.0 -8244.0	344 10.3 94006.0 -8202.5	434 9.4 105358.0 -8236.4
165 10.0 70636.0 -8204.2	255 10.2 83512.0 -8207.0	345 10.5 94021.0 -8245.7	435 10.3 105429.0 -8232.9
166 9.8 70731.0 -8230.8	256 10.2 83531.0 -8257.1	346 10.5 94211.0 -8245.6	436 9.3 105502.0 -8231.8
167 10.5 70755.0 -8243.0	257 10.7 83623.0 -8216.3	347 9.5 94410.0 -8222.7	437 9.8 105502.0 -8218.0
168 10.6 70927.0 -8224.9	258 9.4 83641.0 -8258.9	348 10.3 94537.0 -8212.8	438 9.5 105621.0 -8201.5
169 10.2 71120.0 -8232.1	259 9.9 83643.0 -8233.9	349 9.5 94619.0 -8225.0	439 9.4 105734.0 -8233.6
170 9.2 71234.0 -8234.0	260 9.8 83711.0 -8220.8	350 9.7 94639.0 -8225.2	440 9.5 105748.0 -8233.0
171 9.9 71240.0 -8218.5	261 10.0 83750.0 -8237.9	351 8.2 94758.0 -8212.6	441 9.4 105839.0 -8217.8
172 10.6 71301.0 -8206.3	262 10.6 83834.0 -8256.5	352 9.7 94800.0 -8217.7	442 9.0 110041.0 -8240.1
173 10.0 71728.0 -8256.0	263 10.3 83853.0 -8222.2	353 9.5 94919.0 -8217.3	443 9.8 110540.0 -8205.5
174 9.6 71806.0 -8251.4	264 10.6 83926.0 -8238.9	354 9.0 94943.0 -8259.5	444 9.8 111011.0 -8243.7
175 10.2 71915.0 -8250.3	265 10.4 84126.0 -8237.1	355 10.3 95029.0 -8258.7	445 10.0 111040.0 -8247.1
176 9.9 72048.0 -8200.3	266 10.2 84150.0 -8229.9	356 9.9 95104.0 -8220.5	446 10.1 111052.0 -8235.1
177 9.8 72311.0 -8259.5	267 8.6 84229.0 -8210.5	357 9.6 95115.0 -8213.7	447 10.2 111312.0 -8245.7
178 10.2 72457.0 -8238.0	268 10.6 84234.0 -8251.9	358 9.5 95118.0 -8220.9	448 8.4 111502.0 -8242.6
179 10.0 72627.0 -8219.7	269 7.3 84355.0 -8207.5	359 9.9 95137.0 -8255.5	449 10.2 111630.0 -8230.3
180 10.6 72629.0 -8237.5	270 10.0 84412.0 -8216.1	360 9.9 95232.0 -8252.7	450 10.1 111702.0 -8254.3
181 10.0 72648.0 -8224.7	271 9.5 84444.0 -8243.8	361 9.9 95322.0 -8241.3	451 10.0 111823.0 -8206.6
182 9.4 72721.0 -8202.1	272 10.2 84500.0 -8254.3	362 9.7 95532.0 -8236.6	452 10.3 111947.0 -8240.6
183 9.8 72733.0 -8214.1	273 10.6 84524.0 -8204.1	363 8.3 95542.0 -8219.1	453 9.8 112026.0 -8236.4
184 10.4 73129.0 -8224.2	274 10.6 84603.0 -8230.0	364 9.9 95557.0 -8231.4	454 9.1 112035.0 -8245.1
185 9.6 73204.0 -8210.7	275 9.4 84633.0 -8233.6	365 9.1 95626.0 -8254.0	455 9.4 112129.0 -8244.0
186 9.2 73218.0 -8219.7	276 10.6 84728.6 -8225.9	366 9.5 95631.0 -8211.0	456 10.3 112146.0 -8249.0
187 10.6 73420.0 -8218.8	277 10.0 84843.0 -8242.2	367 9.5 95738.0 -8200.9	457 10.0 112248.0 -8245.9
188 9.2 73458.0 -8221.3	278 9.9 84943.0 -8257.0	368 9.6 95905.0 -8211.8	458 9.5 112255.0 -8213.6
189 10.0 73636.0 -8221.1	279 9.1 85004.0 -8211.0	369 9.9 95906.0 -8246.8	459 9.6 112314.0 -8234.1
190 9.6 73828.0 -8247.8	280 10.3 85130.0 -8225.9	370 9.8 100053.0 -8204.2	460 10.2 112339.0 -8203.1
191 10.2 73840.0 -8233.1	281 9.5 85148.0 -8224.4	371 9.3 100152.0 -8221.3	461 10.0 112559.0 -8231.0
192 9.8 73908.0 -8235.3	282 9.6 85311.0 -8235.7	372 9.0 100248.0 -8256.1	462 10.1 112809.0 -8252.6
193 9.6 73919.0 -8204.8	283 9.5 85518.0 -8208.7	373 9.5 100314.0 -8206.7	463 9.8 112813.0 -8217.4
194 9.2 74037.0 -8256.2	284 9.9 85536.0 -8208.4	374 9.5 100315.0 -8216.6	464 10.2 112825.0 -8241.0
195 10.2 74046.0 -8235.2	285 10.0 85628.0 -8240.1	375 10.5 100321.0 -8248.7	465 8.7 112922.0 -8247.6
196 9.7 74124.0 -8212.1	286 8.9 85713.0 -8208.1	376 9.8 100452.0 -8209.8	466 9.5 113132.0 -8241.0
197 9.7 74125.0 -8207.1	287 10.4 85809.0 -8237.6	377 9.1 100456.0 -8249.4	467 8.6 113313.0 -8222.7
198 10.4 74127.0 -8219.1	288 10.0 85826.0 -8230.7	378 9.6 100508.0 -8225.6	468 9.5 113446.0 -8242.4
199 9.8 74140.0 -8238.3	289 8.9 85915.0 -8216.0	379 9.6 100517.0 -8201.8	469 8.0 113640.0 -8224.4
200 10.6 74205.0 -8226.1	290 9.2 90121.0 -8241.0	380 9.4 100531.0 -8209.2	470 9.6 113714.0 -8209.6
201 9.8 74232.0 -8248.4	291 10.0 90147.0 -8214.9	381 9.6 100656.0 -8235.7	471 10.3 113948.0 -8257.0
202 9.9 74236.0 -8233.1	292 10.0 90210.0 -8204.7	382 9.9 100657.0 -8205.1	472 10.2 114110.0 -8216.1
203 9.3 74303.0 -8247.5	293 10.2 90235.0 -8209.7	383 9.3 101003.0 -8254.5	473 9.8 114134.0 -8255.6
204 10.3 74329.0 -8238.7	294 9.2 90305.0 -8245.8	384 9.5 101101.0 -8202.2	474 10.2 114253.0 -8222.2
205 9.5 74353.0 -8222.1	295 9.1 90358.0 -8210.8	385 9.6 101129.0 -8209.8	475 10.2 114320.0 -8211.4
206 10.0 74504.0 -8214.1	296 9.5 90427.0 -8239.2	386 9.4 101220.0 -8238.6	476 9.1 114432.0 -8240.8
207 8.6 74536.0 -8210.7	297 9.3 90551.0 -8233.6	387 9.7 101233.0 -8223.8	477 10.2 114545.0 -8211.4
208 10.0 74540.0 -8203.5	298 10.1 90641.0 -8234.3	388 9.9 101409.0 -8231.2	478 10.2 114626.0 -8225.5

-82 479 11h46m

-82 838 20h42m

479	10.2	114657.0	-8226.8	569	9.9	130912.0	-8254.4	659	8.5	152113.0	-8216.3
480	9.6	114710.0	-8246.3	570	9.4	131710.0	-8221.7	660	9.6	152120.0	-8225.7
481	10.0	114757.0	-8227.7	571	9.7	132057.0	-8211.0	661	9.3	152217.0	-8234.9
482	9.1	114852.0	-8234.7	572	9.6	132156.0	-8214.3	662	9.3	152342.0	-8222.4
483	10.0	114901.0	-8208.0	573	9.9	132304.0	-8233.1	663	9.8	152530.0	-8257.4
484	10.2	114913.0	-8241.4	574	9.3	132543.0	-8206.5	664	9.6	153052.0	-8204.9
485	10.0	114940.0	-8213.3	575	8.8	132615.0	-8244.4	665	9.7	153316.0	-8215.2
486	9.7	115109.0	-8258.3	576	9.1	132631.0	-8257.8	666	9.6	153336.0	-8215.1
487	10.0	115300.0	-8215.8	577	9.3	132650.0	-8240.8	667	9.5	153502.0	-8205.8
488	9.2	115320.0	-8226.8	578	9.6	133043.0	-8214.8	668	9.6	153703.0	-8201.6
489	10.2	115510.0	-8233.9	579	9.0	133540.0	-8244.1	669	9.4	154013.0	-8200.5
490	9.3	115533.0	-8256.8	580	9.6	133541.0	-8250.4	670	9.7	154232.0	-8249.5
491	9.6	115546.0	-8211.5	581	9.7	133628.0	-8258.2	671	9.1	154246.0	-8222.3
492	10.0	115548.0	-8221.7	582	8.6	133714.0	-8256.0	672	9.4	154557.0	-8224.8
493	10.2	115558.0	-8201.4	583	9.5	133724.0	-8206.1	673	9.6	154601.0	-8209.5
494	9.3	115644.0	-8205.6	584	9.6	133937.0	-8212.0	674	9.3	154800.0	-8257.3
495	9.7	115739.0	-8207.4	585	8.0	133953.0	-8202.6	675	9.3	155040.0	-8206.9
496	9.8	115808.0	-8205.1	586	9.6	134207.0	-8237.1	676	9.3	155133.0	-8226.0
497	9.6	115826.0	-8229.3	587	8.7	134625.0	-8218.6	677	9.3	155351.0	-8201.2
498	10.0	120026.0	-8215.0	588	9.9	134710.0	-8256.0	678	8.6	155440.0	-8254.9
499	9.8	120322.0	-8225.5	589	9.6	135133.0	-8236.3	679	9.0	155804.0	-8228.1
500	10.0	120355.0	-8229.7	590	9.7	135301.0	-8259.5	680	9.6	155811.0	-8207.2
501	9.1	120404.0	-8201.6	591	9.3	135655.0	-8234.6	681	9.4	155917.0	-8248.8
502	9.0	120505.0	-8239.7	592	9.9	135832.0	-8245.7	682	7.5	160156.0	-8215.0
503	8.9	120620.0	-8202.5	593	9.1	135842.0	-8257.5	683	9.9	160210.0	-8245.6
504	10.2	120844.0	-8226.2	594	9.6	140029.0	-8242.0	684	9.3	160322.0	-8234.6
505	9.5	120859.0	-8229.8	595	9.8	140057.0	-8214.7	685	8.8	160924.0	-8235.9
506	10.2	120943.0	-8211.5	596	10.0	140139.0	-8255.7	686	9.2	161632.0	-8201.6
507	9.7	121123.0	-8232.6	597	8.0	140235.0	-8241.6	687	8.2	161807.0	-8258.6
508	10.2	121159.0	-8216.1	598	9.7	140301.0	-8241.9	688	9.5	161825.0	-8256.0
509	9.9	121346.0	-8204.2	599	9.9	140328.0	-8252.2	689	9.5	161918.0	-8230.3
510	8.7	121401.0	-8237.6	600	9.6	140348.0	-8249.3	690	9.5	162210.0	-8238.0
511	9.7	121429.0	-8206.5	601	7.3	140605.0	-8216.1	691	9.5	162254.0	-8218.9
512	9.3	121524.0	-8205.1	602	9.7	140652.0	-8256.1	692	9.4	162508.0	-8234.8
513	9.3	121540.0	-8204.9	603	9.2	140758.0	-8256.9	693	9.0	162723.0	-8216.5
514	10.2	121707.0	-8234.1	604	9.6	140822.0	-8232.3	694	8.9	162751.0	-8258.9
515	10.0	121732.0	-8218.5	605	9.6	141122.0	-8209.1	695	9.9	163215.0	-8252.0
516	10.2	121822.0	-8209.1	606	9.6	141203.0	-8239.5	696	8.4	163614.0	-8233.1
517	10.0	121910.0	-8218.0	607	9.7	141422.0	-8241.5	697	9.2	164203.0	-8258.9
518	10.2	121926.0	-8207.8	608	9.6	141443.0	-8237.1	698	9.4	164210.0	-8230.2
519	9.6	121934.0	-8208.8	609	9.7	141532.0	-8202.5	699	9.6	164318.0	-8212.5
520	10.0	122236.0	-8200.2	610	9.6	141537.0	-8214.3	700	7.1	164351.0	-8207.7
521	9.9	122329.0	-8203.2	611	8.5	141612.0	-8233.6	701	8.7	164353.0	-8207.2
522	10.3	122433.0	-8247.9	612	9.8	141818.0	-8205.9	702	8.7	164443.0	-8213.5
523	9.4	122544.0	-8217.5	613	9.3	142117.0	-8253.2	703	7.1	164636.0	-8212.4
524	9.4	122605.0	-8209.1	614	9.4	142243.0	-8230.1	704	8.9	164716.0	-8240.7
525	9.6	122614.0	-8257.5	615	9.4	142616.0	-8251.4	705	9.5	165347.0	-8236.1
526	9.8	122802.0	-8248.2	616	9.9	142634.0	-8253.8	706	9.5	170056.0	-8221.4
527	9.6	122847.0	-8243.9	617	9.1	142725.0	-8243.8	707	6.2	170058.0	-8238.6
528	9.8	122920.0	-8223.2	618	9.4	143035.0	-8207.0	708	9.0	171005.0	-8219.1
529	9.6	122934.0	-8228.2	619	9.2	143303.0	-8209.4	709	9.1	171716.0	-8213.9
530	9.8	123116.0	-8238.5	620	9.5	143337.0	-8201.4	710	8.1	172022.0	-8241.9
531	10.3	123218.0	-8255.8	621	9.5	143409.0	-8212.9	711	9.1	172112.0	-8207.9
532	9.5	123322.0	-8200.6	622	9.6	143414.0	-8206.6	712	9.3	172749.0	-8244.3
533	10.2	123323.0	-8211.2	623	8.6	143437.0	-8223.9	713	9.3	172854.0	-8255.1
534	9.0	123403.0	-8202.9	624	9.4	143442.0	-8212.0	714	10.0	172910.0	-8252.0
535	9.8	123450.0	-8207.0	625	9.9	143508.0	-8251.8	715	9.4	172916.0	-8237.5
536	8.5	123502.0	-8258.4	626	9.5	143652.0	-8200.4	716	8.7	173026.0	-8201.1
537	9.2	123503.0	-8208.0	627	9.7	143810.0	-8234.3	717	8.4	173418.0	-8242.0
538	9.9	123543.0	-8203.3	628	9.6	143919.0	-8207.6	718	9.5	173551.0	-8240.9
539	9.7	123707.0	-8257.7	629	7.0	144005.0	-8243.1	719	9.2	174026.0	-8216.9
540	9.8	123828.0	-8242.5	630	9.0	144037.0	-8227.5	720	9.0	174038.0	-8255.2
541	10.0	124042.0	-8232.3	631	9.3	144115.0	-8252.9	721	9.1	174044.0	-8255.8
542	9.8	124117.0	-8221.3	632	9.4	144117.0	-8252.4	722	9.3	174522.0	-8238.1
543	9.6	124121.0	-8246.4	633	9.1	144122.0	-8230.2	723	9.7	174619.0	-8250.4
544	9.6	124139.0	-8223.3	634	9.6	144249.0	-8217.8	724	9.7	174721.0	-8234.8
545	9.7	124214.0	-8207.5	635	9.5	144311.0	-8225.7	725	8.8	175249.0	-8231.5
546	10.2	124247.0	-8239.3	636	8.0	144313.0	-8231.9	726	10.0	175306.0	-8246.4
547	8.6	124332.0	-8229.6	637	9.6	144402.0	-8206.3	727	9.3	175512.0	-8256.9
548	10.0	124416.0	-8230.8	638	9.6	144615.0	-8226.1	728	10.1	175529.0	-8213.1
549	9.8	124917.0	-8210.5	639	9.6	144722.0	-8201.3	729	10.1	175705.0	-8219.0
550	9.6	124932.0	-8217.0	640	10.0	145056.0	-8258.7	730	9.2	175820.0	-8220.5
551	10.3	125023.0	-8256.8	641	10.0	145245.0	-8250.0	731	9.9	175844.0	-8206.8
552	9.9	125237.0	-8203.8	642	9.4	145254.0	-8212.2	732	10.1	180509.0	-8243.2
553	9.1	125240.0	-8221.3	643	9.6	145419.0	-8232.9	733	9.7	180533.0	-8254.5
554	10.3	125253.0	-8227.0	644	9.6	145558.0	-8210.0	734	9.4	180702.0	-8221.5
555	10.3	125346.0	-8244.7	645	9.4	145743.0	-8224.8	735	9.8	181111.0	-8213.3
556	7.9	125437.0	-8216.6	646	9.1	145818.0	-8259.0	736	9.7	181152.0	-8218.5
557	9.5	125527.0	-8245.9	647	9.4	145935.0	-8235.2	737	8.6	181223.0	-8258.8
558	9.7	125536.0	-8219.5	648	9.1	150006.0	-8245.9	738	10.0	181550.0	-8220.5
559	10.4	125619.0	-8247.5	649	9.3	150050.0	-8200.7	739	9.7	181828.0	-8214.5
560	10.3	125627.0	-8224.5	650	9.5	150117.0	-8205.4	740	8.4	182232.0	-8250.6
561	8.6	125636.0	-8202.9	651	9.7	150123.0	-8248.8	741	9.5	182418.0	-8240.4
562	10.3	125650.0	-8240.1	652	9.8	150153.0	-8209.5	742	9.8	182557.0	-8209.4
563	10.2	125811.0	-8248.7	653	9.4	151056.0	-8223.8	743	9.4	182754.0	-8232.7
564	10.4	130047.0	-8250.0	654	8.1	151450.0	-8248.0	744	9.8	182901.0	-8246.3
565	10.2	130222.0	-8257.8	655	9.1	151631.0	-8226.0	745	9.7	183017.0	-8231.6
566	9.7	130552.0	-8258.8	656	9.6	151854.0	-8217.8	746	8.9	183139.0	-8241.9
567	9.9	130900.0	-8244.4	657	9.6	151924.0	-8234.1	747	8.1	183541.0	-8242.2
568	9.7	130908.0	-8258.2	658	9.0	151951.0	-8214.4	748	9.8	183612.0	-8217.0
749	9.8	183625.0	-8250.0								
750	9.4	183735.0	-8228.0								
751	9.2	183803.0	-8252.7								
752	9.2	183829.0	-8227.1								
753	8.9	183848.0	-8252.6								
754	9.0	183904.0	-8242.8								
755	7.8	183924.0	-8239.4								
756	9.0	184341.0	-8256.4								
757	9.2	184406.0	-8253.2								
758	9.4	184650.0	-8224.8								
759	8.7	184850.0	-8232.4								
760	8.9	185112.0	-8202.7								
761	9.7	185311.0	-8243.8								
762	8.9	185548.0	-8218.6								
763	8.8	185648.0	-8200.2								
764	9.4	185654.0	-8245.0								
765	9.8	190004.0	-8232.4								
766	9.4	190017.0	-8249.6								
767	9.8	190047.0	-8229.6								
768	9.6	190434.0	-8225.9								
769	9.8	190759.0	-8228.0								
770	7.6	191019.0	-8200.0								
771	9.4	191149.0	-8243.5								
772	9.7	191306.0	-8248.7								
773	8.6	191353.0	-8252.3								
774	9.4	191415.0	-8235.6								
775	9.3	191415.0	-8200.1								
776	9.8	191527.0	-8244.6								
777	9.8	192005.0	-8235.1								
778	8.8	192120.0	-8256.7								
779	9.7	192345.0	-8256.5								
780	9.8	192520.0	-8219.8								
781	8.5	192651.0	-8255.5								
782	9.7	192707.0	-8205.0								
783	8.5	192731.0	-8227.0								
784	9.4	192732.0	-8258.5								
785	9.3	193108.0	-8211.9								
786	8.9	193125.0	-8241.4								
787	9.8	193302.0	-8239.1								
788	9.0	193303.0	-8220.6								
789	9.8	193359.0	-8259.1								
790	9.4	193422.0	-8211.5								
791	9.8	193459.0	-8247.0								
792	8.9	193518.0	-8218.6								
793	9.4	193715.0	-8237.8								
794	9.4	193828.0	-8246.7								
795	9.4	193913.0	-8224.6								
796	9.4	194435.0	-8244.1								
797	8.4	194626.0	-8204.4								
798	8.2	194913.0	-8222.6								
799	9.2	195208.0	-8211.1								
800	9.1	195447.0	-8204.0								
801	9.2	195545.0	-8247.9								
802	9.0	195621.0	-8236.8								
803	8.5	195807.0	-8201.6								
804	9.2	195945.0	-8256.3								
805	9.6	200018.0	-8207.9								
806	9.8	200229.0	-8218.9								
807	8.8	200310.0	-8209.9								
808	9.8	200420.0	-8206.4								
809	9.4	200635.0	-8229.1								
810	9.8	200720.0	-8222.3								
811	8.9	200951.0	-8219.4								
812	9.4	201041.0	-8231.8								
813	9.7	201156.0	-8226.0								
814	8.8	201208.0	-8200.1								
815	8.5	201233.0	-8241.9								
816	8.9	201324.0	-8254.4								
817	9.2	201442.0	-8211.6								
818	8.9	201633.0	-8244.7								
819	9.2	201659.0	-8211.8								
820	9.8	202246.0	-8259.4								
821	10.1	202409.0	-8206.7								
822	8.9	202544.0	-8242.6								
823	9.7	202552.0	-8243.2								
824	9.4	202623.0	-8226.1								
825	9.6	202645.0	-8243.6								
826	9.8	202743.0	-8217.7								
827	8.6	202748.0	-8242.5								
828	10.3	203056.0	-8212.9								
829	9.4	203134.0	-8208.8								
830	10.0	203137.0	-8239.2								
831	10.0	203340.0	-8224.4								
832	9.6	203459.0	-8225.3								
833	10.2	203617.0	-8206.9								
834	9.7	203714.0	-8201.9								
835	9.0	203825.0	-8255.8								
836	8.3	203903.0	-8241.4								
837	10.2	204101.0	-8241.1								
838	9.0	204220.0	-8204.6								

839	9.8	204231.0	-8239.8	21	8.3	10334.0	-8355.5	111	8.7	54938.0	-8355.9	201	9.9	80759.0	-8331.2
840	8.9	204407.0	-8259.2	22	8.2	10740.0	-8334.2	112	8.9	55239.0	-8318.5	202	10.4	80804.0	-8331.8
841	9.2	204438.0	-8259.9	23	9.0	11013.0	-8357.1	113	9.9	55415.0	-8336.1	203	7.9	80823.0	-8322.4
842	9.7	204525.0	-8232.7	24	8.5	11124.0	-8312.4	114	8.3	55422.0	-8320.0	204	10.6	80845.0	-8337.2
843	7.6	204806.0	-8230.9	25	9.3	11329.0	-8342.1	115	9.7	60735.0	-8307.7	205	9.8	81000.0	-8327.2
844	9.0	204834.0	-8254.8	26	9.0	11659.0	-8329.9	116	9.1	61403.0	-8312.1	206	8.8	81134.0	-8314.5
845	9.0	204920.0	-8226.2	27	6.3	14119.0	-8336.6	117	9.7	61923.0	-8354.2	207	10.6	81154.0	-8328.9
846	9.6	204953.0	-8218.0	28	8.2	14224.0	-8352.5	118	8.9	62251.0	-8332.5	208	9.9	81253.0	-8348.1
847	9.2	205144.0	-8258.5	29	8.7	14425.0	-8324.9	119	9.3	62541.0	-8302.5	209	10.6	81345.0	-8305.7
848	10.0	205158.0	-8214.7	30	7.7	14743.0	-8359.4	120	8.0	62652.0	-8342.6	210	10.5	81417.0	-8358.6
849	9.6	205854.0	-8216.0	31	9.0	14810.0	-8322.5	121	8.1	62746.0	-8328.0	211	10.3	81448.0	-8316.3
850	7.9	205902.0	-8243.0	32	7.9	15043.0	-8317.6	122	10.2	62809.0	-8331.1	212	8.9	81823.0	-8330.7
851	10.2	210132.0	-8223.1	33	9.0	15123.0	-8301.4	123	9.3	62903.0	-8332.1	213	10.6	81936.0	-8341.8
852	10.3	210405.0	-8255.3	34	9.0	20445.0	-8308.5	124	9.0	63517.0	-8302.2	214	10.3	81950.0	-8308.0
853	10.1	210545.0	-8210.7	35	7.5	20530.0	-8306.4	125	8.6	63949.0	-8306.8	215	10.1	82113.0	-8301.8
854	9.4	210551.0	-8232.1	36	9.3	20828.0	-8356.2	126	9.0	64102.0	-8341.9	216	10.3	82156.0	-8305.6
855	8.2	210807.0	-8229.6	37	8.7	20905.0	-8319.9	127	9.7	64300.0	-8353.4	217	10.3	82229.0	-8305.0
856	10.0	211002.0	-8251.2	38	9.3	21143.0	-8356.6	128	8.6	64350.0	-8343.9	218	9.9	82327.0	-8352.1
857	9.0	211031.0	-8246.6	39	9.3	21746.0	-8352.5	129	8.1	65221.0	-8303.4	219	10.6	82708.0	-8342.0
858	9.6	211524.0	-8209.0	40	9.2	21955.0	-8328.2	130	10.3	65345.0	-8311.3	220	8.9	82725.0	-8350.2
859	7.6	211536.0	-8228.1	41	8.9	22126.0	-8320.9	131	9.8	65419.0	-8351.5	221	10.0	82829.0	-8357.6
860	9.6	211652.0	-8241.6	42	8.2	22158.0	-8305.1	132	10.2	65527.0	-8313.0	222	8.6	83017.0	-8359.4
861	9.6	211757.0	-8226.1	43	8.5	22241.0	-8307.5	133	10.2	65640.0	-8313.1	223	10.0	83228.0	-8320.2
862	9.6	212008.0	-8249.3	44	8.2	22621.0	-8331.2	134	10.3	65918.0	-8314.4	224	9.8	83236.0	-8316.0
863	10.1	212100.0	-8244.5	45	8.2	22924.0	-8302.1	135	10.2	65919.0	-8334.0	225	8.6	83244.0	-8338.9
864	9.7	212112.0	-8233.9	46	9.6	23103.0	-8357.7	136	10.2	70011.0	-8352.2	226	9.4	83343.0	-8347.9
865	8.8	213030.0	-8241.6	47	9.3	23650.0	-8348.6	137	9.7	70158.0	-8315.7	227	10.0	83425.0	-8359.2
866	9.0	213525.0	-8252.9	48	9.3	24956.0	-8350.9	138	10.2	70230.0	-8329.3	228	9.7	83451.0	-8302.9
867	9.2	213554.0	-8259.6	49	9.5	25304.0	-8306.0	139	10.0	70343.0	-8328.0	229	10.6	83505.0	-8341.0
868	8.8	213640.0	-8215.4	50	9.2	25416.0	-8305.9	140	10.3	70438.0	-8332.8	230	9.7	83509.0	-8330.8
869	9.6	213743.0	-8238.4	51	8.7	25628.0	-8333.2	141	10.4	70449.0	-8339.4	231	9.8	83525.0	-8342.9
870	10.0	214138.0	-8230.3	52	9.7	30445.0	-8315.1	142	7.9	70509.0	-8349.6	232	10.3	83646.0	-8359.4
871	9.2	214640.0	-8223.9	53	9.6	30528.0	-8317.9	143	10.0	70555.0	-8347.0	233	10.3	83806.0	-8314.5
872	10.3	214932.0	-8232.9	54	9.3	30739.0	-8337.3	144	10.4	70702.0	-8335.2	234	8.4	84032.0	-8355.9
873	9.7	215113.0	-8207.5	55	9.6	30852.0	-8335.9	145	10.2	70727.0	-8334.8	235	10.0	84101.0	-8352.4
874	8.8	215605.0	-8231.9	56	9.8	30925.0	-8359.5	146	10.6	70841.0	-8355.1	236	10.7	84131.0	-8330.6
875	9.7	215632.0	-8208.9	57	9.4	31037.0	-8315.1	147	10.5	70908.0	-8342.4	237	10.0	84155.0	-8300.5
876	9.4	215651.0	-8252.3	58	8.7	31231.0	-8349.0	148	10.2	71116.0	-8354.3	238	7.9	84200.0	-8339.2
877	9.4	215740.0	-8208.3	59	9.8	31340.0	-8329.7	149	8.9	71152.0	-8356.3	239	9.9	84235.0	-8316.2
878	8.8	215825.0	-8247.7	60	8.9	31501.0	-8332.4	150	10.0	71543.0	-8314.2	240	10.6	84310.0	-8308.7
879	9.2	215906.0	-8220.5	61	8.9	31614.0	-8334.1	151	8.4	71719.0	-8333.1	241	10.0	84338.0	-8300.0
880	9.6	220004.0	-8233.2	62	9.5	31722.0	-8308.9	152	10.2	71726.0	-8321.1	242	10.6	84410.0	-8303.6
881	9.7	220532.0	-8212.5	63	9.2	31742.0	-8356.0	153	10.6	71801.0	-8336.0	243	9.9	84555.0	-8313.8
882	9.7	220814.0	-8203.3	64	7.7	32246.0	-8359.3	154	10.5	71832.0	-8338.8	244	10.5	84610.0	-8334.3
883	9.6	220929.0	-8206.7	65	9.0	32458.0	-8306.0	155	9.0	71959.0	-8341.6	245	10.6	84745.0	-8328.9
884	9.5	221802.0	-8204.9	66	9.7	32558.0	-8356.2	156	10.2	72023.0	-8306.9	246	9.6	84810.0	-8322.8
885	9.4	222044.0	-8231.4	67	9.1	32601.0	-8343.8	157	9.1	72119.0	-8339.7	247	10.0	84925.0	-8354.9
886	9.4	222502.0	-8214.9	68	9.8	32758.0	-8344.4	158	9.9	72441.0	-8311.9	248	10.2	85004.0	-8320.5
887	9.6	222556.0	-8206.2	69	9.1	32836.0	-8358.6	159	10.2	72456.0	-8300.2	249	10.0	85038.0	-8300.7
888	9.6	222818.0	-8218.7	70	8.8	33620.0	-8337.8	160	10.2	72509.0	-8333.2	250	10.6	85116.0	-8309.1
889	4.7	223307.0	-8202.0	71	8.9	34227.0	-8347.7	161	10.3	72634.0	-8315.1	251	9.8	85135.0	-8301.3
890	9.3	223850.0	-8258.0	72	9.1	34318.0	-8343.7	162	9.2	72647.0	-8332.4	252	9.8	85344.0	-8332.7
891	9.7	225626.0	-8240.9	73	9.1	34517.0	-8344.5	163	9.8	72719.0	-8330.5	253	10.5	85453.0	-8323.9
892	9.0	225738.0	-8213.2	74	9.0	35104.0	-8350.3	164	10.0	72804.0	-8359.0	254	9.8	85506.0	-8355.4
893	9.2	230935.0	-8235.4	75	9.1	35123.0	-8340.2	165	9.1	73055.0	-8340.7	255	10.0	85708.0	-8325.8
894	8.9	231440.0	-8219.0	76	9.5	35315.0	-8357.8	166	10.5	73353.0	-8359.7	256	9.8	85750.0	-8352.2
895	9.6	231729.0	-8250.0	77	9.0	40352.0	-8325.4	167	9.7	73446.0	-8303.9	257	9.1	85829.0	-8300.7
896	8.9	232008.0	-8236.7	78	8.6	40554.0	-8345.4	168	10.2	73743.0	-8357.2	258	10.0	85936.0	-8312.4
897	8.6	232903.0	-8247.5	79	8.7	40637.0	-8322.7	169	10.0	73926.0	-8339.0	259	10.3	90005.0	-8308.4
898	9.2	232934.0	-8202.9	80	9.8	40925.0	-8324.0	170	10.0	73959.0	-8356.4	260	9.9	90045.0	-8317.2
899	9.4	233336.0	-8244.0	81	9.2	41202.0	-8311.6	171	10.5	74024.0	-8311.1	261	9.9	90103.0	-8315.9
900	8.7	233643.0	-8237.2	82	9.1	41521.0	-8312.3	172	10.3	74121.0	-8350.2	262	9.9	90121.0	-8305.0
901	9.0	233712.0	-8249.4	83	9.4	41609.0	-8342.2	173	9.4	74316.0	-8322.3	263	9.2	90223.0	-8300.2
902	9.8	233950.0	-8240.6	84	9.2	42213.0	-8325.6	174	10.3	74321.0	-8304.1	264	9.6	90326.0	-8316.8
903	9.5	234111.0	-8237.4	85	8.2	42430.0	-8324.8	175	9.5	74411.0	-8319.7	265	9.7	90336.0	-8330.9
904	9.8	234204.0	-8212.1	86	9.4	42755.0	-8343.9	176	10.6	74414.0	-8306.2	266	10.0	90517.0	-8320.0
905	6.1	234441.0	-8242.8	87	8.2	42833.0	-8353.9	177	9.9	74654.0	-8312.1	267	9.7	90643.0	-8311.4
906	9.3	234500.0	-8253.5	88	9.2	43000.0	-8347.2	178	9.7	74711.0	-8345.9	268	9.7	90651.0	-8329.7
907	6.7	235038.0	-8252.0	89	9.0	43109.0	-8304.1	179	10.0	74730.0	-8347.9	269	10.0	90654.0	-8333.1
908	8.7	235820.0	-8202.5	90	8.0	43130.0	-8316.8	180	10.5	75044.0	-8333.9	270	10.5	90817.0	-8329.6
1	9.6	00213.0	-8314.3	91	6.6	43732.0	-8310.0	181	9.4	75048.0	-8325.7	271	9.1	90849.0	-8304.9
2	9.5	00512.0	-8353.5	92	9.7	43941.0	-8335.7	182	10.5	75135.0	-8352.2	272	9.9	90936.0	-8310.1
3	9.2	01318.0	-8345.3	93	9.1	45345.0	-8306.5	183	10.5	75314.0	-8355.4	273	9.9	91028.0	-8307.6
4	9.8	01657.0	-8344.4	94	8.3	45358.0	-8343.3	184	9.0	75412.0	-8319.9	274	9.9	91101.0	-8307.3
5	8.7	01832.0	-8322.5	95	8.9	45812.0	-8318.3	185	9.9	75511.0	-8352.9	275	9.6	91121.0	-8321.8
6	7.8	02304.0	-8349.9	96	8.9	45821.0	-8324.9	186	10.5	75516.0	-8308.1	276	9.9	91321.0	-8318.1
7	9.8	03130.0	-8305.1	97	10.2	50028.0	-8348.7	187	10.3	75833.0	-8355.8	277	10.0	91329.0	-8308.6
8	9.2	03309.0	-8337.0	98	9.4	50540.0	-8332.1	188	10.6	75851.0	-8349.7	278	9.9	91427.0	-8330.2
9	9.8	03501.0	-8318.4	99	8.7	50651.0	-8313.8	189	9.9	75937.0	-8322.1	279	9.9	91428.0	-8321.3
10	7.8	03649.0	-8343.2	100	9.2	50810.0	-8307.6	190	9.8	75941.0	-8357.3	280	9.5	91510.0	-8328.3
11	9.2	03713.0	-8347.7	101	8.7	50930.0	-8311.1	191	10.0	80038.0	-8332.0	281	10.4	91537.0	-8301.2
12	9.2	04557.0	-8311.1	102	9.0	51344.0	-8307.8	192	10.6	80045.0	-8302.2	282	9.6	91557.0	-8327.7
13	9.4	04858.0	-8335.2	103	9.6	51935.0	-8345.3	193	10.3	80137.0	-8326.8	283	9.2	91600.0	-8315.6
14	9.8	04904.0	-8347.8	104	9.7	52528.0	-8314.2	194	10.3	80218.0	-8349.2	284	10.0	91808.0	-8352.6
15	9.2	04926.0	-8303.7	105	7.1	52634.0	-8359.7	195	10.0	80226.0	-8306.7	285	10.0	91813.0	-8351.4
16	8.9	05326.0	-8320.8	106	8.6	52829.0	-8317.3	196	10.6	80327.0	-8307.3	286	8.9	91931.0	-8350.1
17	8.9	05420.0	-8333.7	107	10.0	53512.0	-8319.9	197	9.2	80534.0	-8326.0	287	9.3	91947.0	-8349.4
18	8.9	05450.0	-8317.5	108	9.6	53623.0	-8300.9	198	10.2	80658.0	-8304.1	288	10.2	92002.0	-8308.8
19	9.0	05913.0	-8348.8	109	10.0	53744.0	-8322.1	199	10.2	80715.0	-8320.2	289	8.2	92019.0	-8313.1
20	8.7	10236.0	-8303.4	110	10.2	53848.0	-8305.5	200	9.5	80746.0	-8328.5	290	9.9	92100.0	-8356.5

-83 291 9h21m

-83 650 17h51m

291	10.4	92107.0	-8358.0	381	10.3	105832.0	-8353.5	471	10.3	122839.0	-8339.0	561	9.9	142323.0	-8315.8
292	9.2	92107.0	-8301.1	382	9.8	105839.0	-8356.1	472	9.6	123041.0	-8307.8	562	9.7	142437.0	-8328.6
293	9.3	92226.0	-8335.1	383	9.5	105907.0	-8314.5	473	10.1	123049.0	-8335.2	563	9.4	142456.0	-8302.8
294	10.3	92347.0	-8321.8	384	9.9	105928.0	-8355.4	474	9.2	123051.0	-8303.8	564	9.9	142506.0	-8326.8
295	9.8	92408.0	-8337.2	385	10.3	105943.0	-8331.4	475	9.6	123052.0	-8347.8	565	9.9	142900.0	-8358.0
296	9.9	92410.0	-8338.3	386	6.5	110005.0	-8355.4	476	9.9	123251.0	-8321.8	566	9.4	143307.0	-8321.5
297	10.1	92519.0	-8345.1	387	10.1	110040.0	-8326.9	477	9.9	123321.0	-8347.0	567	9.0	143337.0	-8337.7
298	10.2	92530.0	-8319.7	388	9.8	110046.0	-8353.7	478	9.7	123424.0	-8341.5	568	9.2	143401.0	-8331.2
299	9.6	92753.0	-8326.2	389	9.9	110214.0	-8316.8	479	10.2	123631.0	-8356.9	569	9.6	143520.0	-8354.9
300	10.5	92938.0	-8359.4	390	10.2	110314.0	-8344.9	480	9.7	123929.0	-8303.7	570	9.4	143544.0	-8317.8
301	10.2	93010.0	-8322.7	391	9.5	110403.0	-8336.7	481	9.4	123958.0	-8358.5	571	9.7	144055.0	-8330.2
302	10.0	93147.0	-8310.6	392	10.3	110438.0	-8346.0	482	10.1	124110.0	-8345.9	572	8.4	144201.0	-8308.5
303	9.6	93309.0	-8347.9	393	9.9	110511.0	-8348.5	483	9.6	124111.0	-8350.5	573	7.8	144540.0	-8324.8
304	10.0	93418.0	-8347.0	394	9.2	110629.0	-8345.4	484	9.5	124117.0	-8335.8	574	8.7	144934.0	-8311.8
305	10.4	93506.0	-8323.2	395	10.0	110710.0	-8320.9	485	10.1	124204.0	-8318.9	575	9.0	145202.0	-8301.3
306	10.1	93614.0	-8312.0	396	8.8	110729.0	-8345.5	486	10.0	124212.0	-8318.9	576	10.0	145256.0	-8336.0
307	10.4	93729.0	-8315.9	397	10.4	110832.0	-8359.5	487	10.3	124213.0	-8355.0	577	9.2	145317.0	-8335.9
308	10.0	93837.0	-8355.4	398	10.3	110852.0	-8340.7	488	10.2	124228.0	-8306.9	578	9.4	145335.0	-8316.4
309	10.4	93946.0	-8303.6	399	9.4	110900.0	-8317.7	489	10.3	124304.0	-8338.7	579	10.2	145438.0	-8334.4
310	9.1	94141.0	-8357.5	400	10.1	111010.0	-8314.8	490	10.4	124348.0	-8358.0	580	9.9	145459.0	-8339.5
311	9.6	94237.0	-8326.7	401	10.3	111118.0	-8307.9	491	9.9	124348.0	-8356.9	581	9.4	145840.0	-8333.9
312	9.9	94315.0	-8315.3	402	10.3	111232.0	-8307.7	492	9.5	124356.0	-8355.0	582	9.7	145859.0	-8320.8
313	9.6	94343.0	-8323.6	403	10.3	111245.0	-8356.9	493	10.3	124413.0	-8358.8	583	9.4	150326.0	-8344.7
314	9.7	94702.0	-8312.5	404	10.2	111518.0	-8331.3	494	10.3	124455.0	-8308.8	584	8.8	150640.0	-8315.8
315	9.4	94817.0	-8323.8	405	10.4	111535.0	-8333.3	495	9.8	124558.0	-8318.0	585	9.6	151319.0	-8326.8
316	10.0	95337.0	-8313.5	406	9.7	111640.0	-8308.1	496	10.1	124606.0	-8331.8	586	9.2	151411.0	-8355.4
317	9.6	95411.0	-8341.8	407	10.3	111712.0	-8338.1	497	10.1	124634.0	-8333.7	587	9.6	151730.0	-8322.8
318	9.9	95435.0	-8333.9	408	9.7	111746.0	-8338.9	498	10.3	124721.0	-8351.7	588	9.0	153054.0	-8308.6
319	10.1	95454.0	-8307.5	409	9.1	111808.0	-8305.7	499	9.7	124745.0	-8345.9	589	9.7	153242.0	-8353.7
320	10.2	95454.0	-8319.8	410	10.3	111813.0	-8302.9	500	9.8	124833.0	-8323.0	590	8.1	153740.0	-8324.4
321	9.9	95513.0	-8319.2	411	9.2	111850.0	-8339.3	501	10.0	124841.0	-8345.0	591	9.7	153822.0	-8310.0
322	10.4	95607.0	-8315.7	412	9.9	111903.0	-8304.8	502	10.0	125007.0	-8302.7	592	9.9	154102.0	-8330.6
323	9.7	95630.0	-8350.5	413	10.3	111952.0	-8303.2	503	10.2	125102.0	-8348.0	593	8.2	154123.0	-8352.4
324	9.9	95710.0	-8344.6	414	9.8	112032.0	-8349.9	504	10.0	125105.0	-8307.6	594	8.7	154459.0	-8327.3
325	9.4	95731.0	-8335.9	415	10.2	112140.0	-8341.0	505	10.0	125134.0	-8358.9	595	9.2	154552.0	-8330.0
326	8.5	95959.0	-8349.6	416	10.3	112324.0	-8334.7	506	10.1	125239.0	-8359.9	596	8.7	154619.0	-8346.8
327	8.4	100156.0	-8303.5	417	8.0	112714.0	-8324.4	507	9.6	125240.0	-8340.1	597	9.8	155002.0	-8341.5
328	10.2	100222.0	-8341.0	418	10.1	112826.0	-8346.0	508	10.2	125410.0	-8317.6	598	9.1	155115.0	-8339.8
329	10.3	100442.0	-8351.2	419	9.9	112944.0	-8321.8	509	10.1	125505.0	-8338.6	599	8.2	155209.0	-8346.1
330	9.2	100537.0	-8320.8	420	10.1	113032.0	-8340.9	510	9.5	125642.0	-8306.6	600	9.3	155444.0	-8330.9
331	10.0	100637.0	-8341.5	421	10.1	113124.0	-8355.6	511	10.3	125859.0	-8332.9	601	8.9	155705.0	-8301.1
332	9.7	100741.0	-8303.6	422	10.2	113225.0	-8338.5	512	10.0	125921.0	-8332.1	602	8.2	160001.0	-8309.5
333	10.0	100852.0	-8329.8	423	9.3	113229.0	-8324.0	513	9.3	125948.0	-8302.8	603	9.0	160308.0	-8335.9
334	10.0	101015.0	-8332.7	424	10.3	113802.0	-8319.0	514	9.9	130040.0	-8336.2	604	8.1	160414.0	-8317.7
335	10.0	101050.0	-8324.8	425	10.0	113845.0	-8359.1	515	9.4	130134.0	-8310.6	605	8.7	160437.0	-8316.1
336	7.4	101116.0	-8328.5	426	9.7	113926.0	-8304.2	516	9.7	130138.0	-8358.4	606	8.6	160851.0	-8315.9
337	10.3	101314.0	-8301.6	427	10.2	114002.0	-8357.9	517	8.7	130145.0	-8347.8	607	8.9	161221.0	-8359.5
338	9.7	101338.0	-8305.3	428	10.0	114146.0	-8359.3	518	9.7	130240.0	-8326.2	608	9.2	161423.0	-8340.9
339	9.9	101354.0	-8319.5	429	10.1	114155.0	-8321.8	519	10.1	130247.0	-8304.7	609	8.7	162203.0	-8328.8
340	9.9	101600.0	-8333.6	430	10.3	114241.0	-8309.6	520	10.1	130306.0	-8322.4	610	9.3	163229.0	-8334.5
341	9.3	101653.0	-8327.4	431	10.3	114333.0	-8332.3	521	10.0	130829.0	-8344.1	611	8.9	163448.0	-8346.9
342	10.0	101755.0	-8358.3	432	10.0	114413.0	-8328.7	522	9.2	130840.0	-8356.9	612	9.0	163651.0	-8331.1
343	9.6	101832.0	-8343.5	433	10.0	114719.0	-8320.9	523	9.4	131106.0	-8324.9	613	8.9	163724.0	-8330.4
344	10.0	101914.0	-8333.6	434	10.3	114834.0	-8350.7	524	9.1	131429.0	-8335.3	614	8.9	164823.0	-8308.2
345	10.4	102036.0	-8320.1	435	9.9	115128.0	-8300.3	525	9.4	131445.0	-8315.0	615	8.7	164923.0	-8330.9
346	10.0	102038.0	-8358.1	436	9.7	115218.0	-8325.8	526	9.7	131607.0	-8322.8	616	9.5	165056.0	-8350.7
347	10.3	102219.0	-8318.6	437	9.9	115218.0	-8311.3	527	8.5	131620.0	-8306.4	617	9.1	165555.0	-8338.9
348	9.9	102411.0	-8317.8	438	10.4	115601.0	-8334.3	528	10.0	131644.0	-8333.0	618	9.7	165643.0	-8331.1
349	9.1	102413.0	-8321.5	439	10.2	115645.0	-8325.4	529	9.9	131958.0	-8315.9	619	9.7	165807.0	-8322.1
350	9.7	102447.0	-8306.9	440	10.3	115910.0	-8310.3	530	9.4	132035.0	-8348.1	620	9.7	170009.0	-8333.4
351	8.5	102718.0	-8317.6	441	10.1	120241.0	-8318.6	531	9.4	132042.0	-8348.3	621	10.0	170051.0	-8312.8
352	10.0	102804.0	-8359.8	442	9.9	120302.0	-8352.1	532	9.0	132346.0	-8348.7	622	9.5	170115.0	-8337.7
353	9.7	102832.0	-8356.8	443	10.3	120318.0	-8324.0	533	7.3	132347.0	-8316.1	623	9.5	170247.0	-8326.3
354	10.4	102859.0	-8300.4	444	7.0	120359.0	-8304.9	534	9.9	132349.0	-8357.7	624	9.5	170250.0	-8359.1
355	8.8	103013.0	-8342.5	445	10.0	120401.0	-8346.4	535	8.6	132610.0	-8311.2	625	9.7	170322.0	-8303.1
356	9.9	103026.0	-8322.3	446	10.3	120401.0	-8305.8	536	10.0	132616.0	-8302.1	626	9.3	170339.0	-8356.6
357	9.9	103125.0	-8310.3	447	10.3	120527.0	-8326.9	537	9.4	133227.0	-8350.3	627	9.1	170530.0	-8332.9
358	10.3	103131.0	-8340.8	448	10.3	120549.0	-8309.1	538	9.6	133327.0	-8314.3	628	9.8	170829.0	-8344.9
359	8.3	103150.0	-8329.7	449	10.3	120716.0	-8344.9	539	9.6	133740.0	-8352.0	629	9.7	170913.0	-8323.8
360	10.0	103410.0	-8311.9	450	10.1	120833.0	-8344.7	540	9.6	133825.0	-8326.1	630	9.3	171259.0	-8319.2
361	8.6	103422.0	-8334.4	451	8.5	120944.0	-8335.8	541	9.0	133941.0	-8325.3	631	9.1	171306.0	-8340.0
362	9.9	103452.0	-8302.1	452	10.1	121145.0	-8314.0	542	9.0	134127.0	-8352.0	632	9.5	171540.0	-8326.5
363	10.3	103752.0	-8336.1	453	10.2	121151.0	-8327.9	543	9.4	134446.0	-8318.1	633	10.0	172110.0	-8332.0
364	9.9	104006.0	-8317.4	454	10.1	121247.0	-8318.1	544	10.0	134647.0	-8354.5	634	9.7	172115.0	-8322.5
365	10.5	104018.0	-8356.1	455	9.8	121442.0	-8317.6	545	10.2	134708.0	-8322.8	635	10.0	172329.0	-8300.0
366	9.5	104114.0	-8314.4	456	10.4	121533.0	-8349.3	546	9.9	134715.0	-8349.4	636	7.0	172800.0	-8310.8
367	10.0	104224.0	-8356.8	457	9.6	121555.0	-8319.8	547	7.6	135304.0	-8356.8	637	9.5	172956.0	-8335.7
368	10.0	104357.0	-8356.8	458	10.3	121605.0	-8311.4	548	9.6	135432.0	-8305.0	638	9.4	173142.0	-8325.1
369	10.3	104447.0	-8344.7	459	10.3	121622.0	-8309.8	549	10.0	135547.0	-8331.0	639	9.3	173716.0	-8324.7
370	9.7	104750.0	-8302.4	460	10.3	121735.0	-8328.7	550	10.0	135840.0	-8310.7	640	10.1	173726.0	-8359.9
371	10.0	104904.0	-8357.8	461	6.4	122003.0	-8306.6	551	9.4	135951.0	-8323.1	641	10.0	173932.0	-8339.4
372	10.1	105208.0	-8307.4	462	10.3	122039.0	-8315.3	552	9.5	140100.0	-8302.1	642	8.4	173956.0	-8306.9
373	9.7	105330.0	-8324.0	463	10.4	122131.0	-8317.8	553	9.0	140244.0	-8325.4	643	8.6	174332.0	-8324.5
374	10.2	105358.0	-8319.1	464	8.6	122205.0	-8348.1	554	10.0	140247.0	-8318.5	644	9.8	174401.0	-8300.8
375	10.1	105529.0	-8317.2	465	10.0	122246.0	-8358.5	555	10.0	140305.0	-8337.1	645	9.7	174425.0	-8308.7
376	10.3	105556.0	-8321.4	466	10.2	122344.0	-8353.9	556	9.7	140501.0	-8308.3	646	10.0	174527.0	-8331.0
377	10.3	105646.0	-8349.8	467	10.1	122445.0	-8333.7	557	6.4	140708.0	-8305.5	647	9.4	174554.0	-8314.9
378	10.0	105735.0	-8306.0	468	10.3	122539.0	-8316.4	558	8.4	141421.0	-8335.2	648	9.8	174749.0	-8350.8
379	8.4	105737.0	-8348.5	469	10.1	122556.0	-8358.6	559	9.9	141604.0	-8315.1	649	8.8	175119.0	-8303.7
380	9.6	105740.0	-8323.9	470	7.9	122609.0	-8335.1	560	9.9	141934.0	-8317.2	650	9.5	175124.0	-8327.4

651	9.7	175128.0	-8308.7	741	8.9	223808.0	-8352.6	70	10.2	54111.0	-8458.5	160	9.6	81205.0	-8440.8
652	9.4	175336.0	-8334.9	742	8.7	223815.0	-8321.8	71	9.0	54359.0	-8429.1	161	10.3	81213.0	-8458.2
653	9.4	175614.0	-8309.6	743	8.1	224947.0	-8322.5	72	9.4	54531.0	-8451.0	162	10.5	81214.0	-8431.6
654	10.0	180125.0	-8328.5	744	9.3	225223.0	-8319.7	73	9.3	54622.0	-8416.1	163	9.5	81420.0	-8449.1
655	9.8	180125.0	-8305.7	745	9.3	225722.0	-8304.1	74	9.5	55346.0	-8418.0	164	9.9	81444.0	-8400.4
656	9.4	180313.0	-8304.5	746	9.3	225729.0	-8304.8	75	6.0	55428.0	-8450.5	165	10.7	81511.0	-8434.0
657	9.4	180315.0	-8315.8	747	9.5	230020.0	-8325.8	76	9.3	55520.0	-8457.5	166	10.5	81611.0	-8411.2
658	9.5	181112.0	-8325.2	748	9.6	230836.0	-8317.7	77	9.3	55524.0	-8421.4	167	10.6	81834.0	-8428.8
659	9.7	181602.0	-8352.9	749	8.8	232003.0	-8312.9	78	9.6	55616.0	-8400.6	168	10.7	81837.0	-8428.2
660	9.8	181627.0	-8324.8	750	9.8	232326.0	-8338.8	79	9.2	55755.0	-8402.1	169	9.8	82148.0	-8445.1
661	9.3	181907.0	-8325.1	751	8.3	232356.0	-8312.7	80	10.2	55918.0	-8442.0	170	10.2	82316.0	-8404.1
662	8.5	182008.0	-8340.4	752	8.6	232537.0	-8301.7	81	9.4	60050.0	-8459.0	171	9.5	82328.0	-8450.4
663	8.4	182156.0	-8325.6	753	9.6	233058.0	-8305.3	82	8.7	60202.0	-8436.3	172	10.2	82450.0	-8414.8
664	5.8	182745.0	-8333.1	754	9.8	233153.0	-8342.3	83	9.3	60453.0	-8420.6	173	10.2	82623.0	-8427.6
665	10.0	182907.0	-8306.6	755	8.9	233415.0	-8349.5	84	9.1	60455.0	-8406.9	174	8.7	82630.0	-8403.0
666	9.1	183058.0	-8301.4	756	7.8	233543.0	-8311.9	85	7.8	60750.0	-8455.0	175	10.3	82653.0	-8422.8
667	8.8	183233.0	-8346.1	757	8.1	234002.0	-8306.5	86	9.9	61444.0	-8402.8	176	9.8	82656.0	-8412.5
668	9.3	183358.0	-8320.2	758	8.0	234613.0	-8342.2	87	9.3	62050.0	-8411.9	177	10.6	82740.0	-8414.6
669	9.0	183549.0	-8301.9	759	9.8	234754.0	-8349.2	88	9.7	63027.0	-8415.5	178	9.9	83057.0	-8435.3
670	9.7	183617.0	-8357.9	760	8.5	234938.0	-8340.7	89	9.9	63534.0	-8445.1	179	9.4	83131.0	-8424.9
671	9.8	184030.0	-8337.4	761	9.6	235721.0	-8323.1	90	8.5	63618.0	-8459.6	180	10.5	83134.0	-8449.7
672	9.3	184041.0	-8342.6	1	9.0	00002.0	-8447.6	91	10.0	64148.0	-8438.8	181	9.5	83301.0	-8425.0
673	9.7	184053.0	-8324.5	2	9.2	00231.0	-8448.1	92	9.4	64800.0	-8451.4	182	9.2	83330.0	-8437.1
674	7.3	184141.0	-8339.1	3	9.2	00323.0	-8407.6	93	8.6	64801.0	-8434.2	183	10.5	83505.0	-8406.1
675	9.1	184229.0	-8356.3	4	9.8	00834.0	-8445.9	94	9.7	64927.0	-8445.9	184	9.1	83658.0	-8439.7
676	9.0	184542.0	-8356.2	5	9.3	01517.0	-8418.4	95	9.9	65036.0	-8414.6	185	9.8	83738.0	-8418.3
677	9.8	185105.0	-8325.0	6	8.3	01732.0	-8426.2	96	9.8	65206.0	-8455.8	186	10.3	83804.0	-8452.1
678	9.0	185218.0	-8357.9	7	8.2	02836.0	-8415.0	97	10.2	65404.0	-8422.6	187	10.0	84107.0	-8416.8
679	9.3	185429.0	-8318.6	8	9.8	03401.0	-8430.2	98	9.5	65714.0	-8405.8	188	9.7	84146.0	-8418.3
680	8.6	185455.0	-8351.0	9	9.8	03445.0	-8440.2	99	9.9	65721.0	-8438.2	189	9.9	84519.0	-8430.2
681	9.3	190359.0	-8336.5	10	8.1	03653.0	-8446.4	100	10.2	65921.0	-8414.8	190	10.2	84632.0	-8429.6
682	8.7	191157.0	-8354.7	11	9.8	03916.0	-8424.4	101	10.2	70037.0	-8445.8	191	9.2	84702.0	-8414.4
683	9.7	191224.0	-8301.3	12	9.8	03934.0	-8426.0	102	10.0	70135.0	-8439.1	192	10.5	84716.0	-8414.2
684	9.8	191238.0	-8300.1	13	8.4	04540.0	-8441.0	103	10.5	70245.0	-8407.3	193	10.6	84734.0	-8413.1
685	9.0	191618.0	-8302.3	14	8.8	04636.0	-8453.6	104	9.6	70250.0	-8428.8	194	10.6	84837.0	-8430.0
686	8.3	192121.0	-8312.5	15	8.6	04642.0	-8411.9	105	10.2	70614.0	-8407.7	195	10.6	84927.0	-8451.0
687	8.7	192811.0	-8348.9	16	7.7	04923.0	-8425.4	106	10.2	70713.0	-8430.8	196	10.5	85142.0	-8423.1
688	8.9	193242.0	-8305.2	17	9.3	04945.0	-8406.2	107	10.2	70750.0	-8415.8	197	10.0	85341.0	-8424.7
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690	8.5	193639.0	-8345.9	19	8.9	10149.0	-8445.6	109	9.6	70946.0	-8406.6	199	8.9	85756.0	-8408.4
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693	8.1	194324.0	-8308.5	22	8.9	12107.0	-8404.5	112	9.4	71130.0	-8444.8	202	9.6	90856.0	-8423.3
694	8.8	195200.0	-8336.7	23	9.3	14015.0	-8442.2	113	9.9	71217.0	-8420.3	203	9.9	90856.0	-8421.3
695	8.3	195756.0	-8341.2	24	9.3	15718.0	-8435.2	114	9.8	71512.0	-8428.1	204	9.7	91003.0	-8418.8
696	9.3	200521.0	-8349.7	25	9.3	20124.0	-8446.1	115	9.5	71543.0	-8440.7	205	9.9	91005.0	-8430.4
697	9.1	201647.0	-8310.8	26	9.3	20610.0	-8453.1	116	10.0	71608.0	-8440.8	206	10.0	91015.0	-8454.4
698	9.7	203009.0	-8328.3	27	9.0	23716.0	-8455.1	117	10.3	71825.0	-8421.4	207	10.1	91019.0	-8447.0
699	8.1	203619.0	-8336.8	28	9.1	24510.0	-8450.5	118	10.2	71854.0	-8415.8	208	9.9	91110.0	-8433.3
700	9.5	204004.0	-8342.6	29	9.7	25602.0	-8410.9	119	10.3	72013.0	-8429.7	209	8.5	91234.0	-8417.6
701	9.1	204101.0	-8349.6	30	9.1	25626.0	-8409.1	120	10.1	72040.0	-8409.9	210	9.6	91303.0	-8459.2
702	9.0	204330.0	-8347.4	31	9.1	25852.0	-8407.3	121	9.5	72202.0	-8435.3	211	8.4	91547.0	-8439.6
703	10.3	204510.0	-8300.2	32	8.7	25929.0	-8425.2	122	10.6	72332.0	-8411.6	212	9.9	91809.0	-8437.2
704	9.0	204646.0	-8332.8	33	9.1	25952.0	-8447.5	123	10.6	72344.0	-8434.5	213	9.6	92007.0	-8452.3
705	9.0	204736.0	-8332.6	34	8.8	30110.0	-8404.3	124	10.3	72357.0	-8456.5	214	9.6	92140.0	-8429.6
706	9.2	204911.0	-8347.9	35	9.0	31002.0	-8429.9	125	10.2	72403.0	-8410.9	215	10.3	92547.0	-8442.3
707	8.8	204924.0	-8349.2	36	9.8	31531.0	-8442.7	126	10.6	72630.0	-8408.1	216	8.4	92619.0	-8405.5
708	9.2	205029.0	-8349.9	37	9.2	31708.0	-8418.0	127	10.0	72923.0	-8405.5	217	8.8	92734.0	-8406.8
709	8.6	205230.0	-8346.0	38	9.0	32034.0	-8459.2	128	8.3	73035.0	-8447.5	218	9.6	92748.0	-8457.8
710	9.3	205420.0	-8304.6	39	9.4	32327.0	-8458.0	129	10.3	73040.0	-8427.8	219	8.2	92824.0	-8407.4
711	7.6	205926.0	-8343.3	40	8.7	32410.0	-8437.0	130	10.2	73119.0	-8419.5	220	9.8	92907.0	-8405.2
712	9.0	205953.0	-8347.8	41	9.0	32425.0	-8407.7	131	10.3	73126.0	-8421.4	221	10.1	92933.0	-8445.3
713	9.3	210345.0	-8306.1	42	8.9	35300.0	-8433.0	132	7.2	73138.0	-8413.5	222	10.2	92938.0	-8447.7
714	8.9	210603.0	-8342.1	43	8.8	35415.0	-8434.0	133	10.5	73216.0	-8416.5	223	9.7	92959.0	-8420.0
715	6.9	210948.0	-8334.1	44	7.6	35907.0	-8427.4	134	9.8	73301.0	-8404.6	224	10.3	93002.0	-8422.2
716	6.5	211317.0	-8313.4	45	9.4	40645.0	-8432.3	135	10.0	73424.0	-8453.9	225	9.6	93045.0	-8454.2
717	9.0	211723.0	-8355.2	46	9.4	42538.0	-8452.2	136	10.0	73812.0	-8409.5	226	10.5	93239.0	-8441.1
718	9.0	212113.0	-8331.0	47	9.0	43230.0	-8419.5	137	10.4	73927.0	-8427.7	227	9.7	93258.0	-8443.9
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720	9.3	212729.0	-8355.3	49	7.8	43510.0	-8427.8	139	10.2	74132.0	-8458.9	229	9.9	93857.0	-8417.3
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726	8.9	213721.0	-8337.1	55	8.9	45411.0	-8436.3	145	9.3	74453.0	-8435.1	235	10.4	94937.0	-8444.7
727	9.0	214004.0	-8320.5	56	9.5	50006.0	-8417.2	146	10.7	74748.0	-8436.1	236	10.2	95002.0	-8429.2
728	8.7	214521.0	-8314.2	57	9.9	50144.0	-8442.2	147	10.0	74915.0	-8452.5	237	10.5	95057.0	-8459.2
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730	8.2	215110.0	-8357.7	59	9.5	51249.0	-8437.4	149	10.2	75151.0	-8442.8	239	10.5	95131.0	-8404.0
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737	9.2	222058.0	-8350.1	66	8.1	53121.0	-8424.0	156	9.5	80517.0	-8407.3	246	9.8	100536.0	-8432.8
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-84 250 10h08m

-84 609 19h26m

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293 9.7 104408.0 -8444.8	383 10.3 120643.0 -8430.5	473 9.2 142223.0 -8421.7	563 8.8 172516.0 -8400.6
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295 9.2 104532.0 -8459.5	385 9.7 120740.0 -8411.2	475 9.7 142455.0 -8410.1	565 10.0 172653.0 -8409.3
296 10.4 104655.0 -8450.4	386 10.3 120845.0 -8421.1	476 9.4 142510.0 -8432.3	566 9.5 173124.0 -8407.7
297 10.4 104948.0 -8426.3	387 9.9 121037.0 -8447.8	477 9.9 142617.0 -8450.6	567 8.5 173642.0 -8413.9
298 10.5 105212.0 -8403.5	388 9.8 121048.0 -8457.0	478 9.4 142621.0 -8413.7	568 9.7 174026.0 -8437.0
299 9.6 105213.0 -8428.9	389 9.5 121257.0 -8451.9	479 8.8 142742.0 -8400.9	569 9.7 174349.0 -8404.7
300 10.0 105247.0 -8445.9	390 9.3 121310.0 -8419.0	480 10.2 142925.0 -8448.0	570 9.7 174512.0 -8403.6
301 10.1 105323.0 -8459.0	391 9.9 121429.0 -8459.1	481 8.8 142931.0 -8441.0	571 9.3 174817.0 -8446.0
302 10.3 105358.0 -8423.5	392 10.0 121510.0 -8449.3	482 9.7 143203.0 -8456.4	572 9.3 175033.0 -8446.4
303 10.5 105658.0 -8432.2	393 10.1 121906.0 -8411.2	483 9.9 143842.0 -8408.4	573 6.3 175317.0 -8425.1
304 10.0 105729.0 -8445.5	394 8.2 121918.0 -8453.3	484 9.9 143921.0 -8414.7	574 9.8 175700.0 -8417.6
305 8.8 105745.0 -8413.6	395 10.3 122117.0 -8415.8	485 9.2 144030.0 -8405.1	575 9.7 175706.0 -8441.0
306 10.0 105806.0 -8453.2	396 10.0 122428.0 -8459.1	486 9.0 144050.0 -8437.8	576 9.0 180647.0 -8417.8
307 10.2 105842.0 -8459.5	397 9.9 122516.0 -8431.9	487 10.0 144250.0 -8408.6	577 10.0 180728.0 -8447.5
308 10.1 105944.0 -8435.6	398 9.0 122542.0 -8410.9	488 9.3 144314.0 -8423.6	578 9.1 181012.0 -8448.8
309 10.3 105946.0 -8423.9	399 10.0 122702.0 -8401.9	489 8.3 144350.0 -8440.0	579 9.7 181108.0 -8453.1
310 9.5 110112.0 -8444.4	400 10.3 122843.0 -8415.6	490 5.8 144418.0 -8417.4	580 9.2 181300.0 -8433.9
311 9.8 110421.0 -8400.8	401 9.3 123254.0 -8459.3	491 9.9 144504.0 -8420.1	581 9.7 181417.0 -8421.9
312 10.4 110548.0 -8402.6	402 10.0 123607.0 -8436.4	492 10.2 144522.0 -8449.1	582 9.5 181856.0 -8437.0
313 9.4 110630.0 -8411.5	403 10.3 123625.0 -8459.0	493 9.7 144723.0 -8413.1	583 9.3 182020.0 -8407.2
314 10.3 110713.0 -8437.7	404 10.5 123718.0 -8454.0	494 9.6 144749.0 -8403.5	584 9.7 182252.0 -8408.7
315 10.1 110749.0 -8451.5	405 9.6 124046.0 -8431.9	495 9.5 145152.0 -8432.1	585 10.0 182519.0 -8434.6
316 9.6 110752.0 -8402.3	406 10.1 124103.0 -8429.9	496 9.6 145531.0 -8452.7	586 9.0 182523.0 -8431.8
317 10.0 110838.0 -8445.9	407 6.7 124205.0 -8426.6	497 9.9 145548.0 -8442.7	587 7.3 182949.0 -8404.7
318 10.1 110907.0 -8454.8	408 10.1 124211.0 -8432.5	498 9.2 145640.0 -8423.2	588 10.0 183346.0 -8411.9
319 9.8 111113.0 -8424.7	409 10.1 124220.0 -8414.4	499 9.4 145719.0 -8421.7	589 8.6 183457.0 -8401.7
320 10.0 111231.0 -8412.2	410 9.7 124247.0 -8426.1	500 9.9 145907.0 -8453.4	590 9.5 183527.0 -8439.1
321 9.8 111250.0 -8447.7	411 9.6 124304.0 -8413.0	501 9.6 150516.0 -8441.8	591 10.0 183536.0 -8431.7
322 9.4 111512.0 -8400.4	412 9.6 124426.0 -8447.1	502 8.8 150540.0 -8409.4	592 8.8 184041.0 -8404.1
323 9.8 111537.0 -8415.0	413 10.0 124539.0 -8417.5	503 9.1 150747.0 -8402.4	593 8.6 184137.0 -8458.6
324 10.1 111540.0 -8405.7	414 10.2 124628.0 -8439.6	504 9.6 150825.0 -8433.7	594 9.7 184227.0 -8443.4
325 9.6 111645.0 -8405.2	415 9.9 124717.0 -8405.3	505 9.1 151139.0 -8419.4	595 8.8 184308.0 -8425.0
326 10.2 111705.0 -8419.6	416 10.3 124720.0 -8448.3	506 9.4 151200.0 -8441.6	596 9.7 184500.0 -8424.2
327 10.1 111750.0 -8417.5	417 10.1 124721.0 -8426.8	507 9.6 151407.0 -8417.2	597 8.8 184509.0 -8417.4
328 10.2 111814.0 -8452.9	418 9.2 125047.0 -8441.8	508 9.7 151428.0 -8451.0	598 9.7 184833.0 -8458.8
329 10.0 111920.0 -8401.5	419 9.9 125106.0 -8449.9	509 9.7 151434.0 -8401.5	599 8.5 185308.0 -8455.8
330 8.7 111952.0 -8439.8	420 10.3 125118.0 -8453.6	510 6.1 151449.0 -8402.6	600 9.5 185335.0 -8412.4
331 10.1 112036.0 -8446.9	421 9.5 125247.0 -8440.5	511 8.9 152334.0 -8416.1	601 8.5 185640.0 -8436.1
332 9.9 112103.0 -8412.0	422 10.0 125251.0 -8428.5	512 9.4 152518.0 -8402.0	602 9.3 190041.0 -8407.7
333 10.2 112239.0 -8434.2	423 9.5 125301.0 -8430.0	513 9.9 152855.0 -8427.0	603 9.4 190103.0 -8425.0
334 9.7 112307.0 -8419.6	424 9.9 125337.0 -8456.7	514 9.2 152908.0 -8409.2	604 8.3 190243.0 -8418.5
335 8.0 112330.0 -8416.1	425 9.9 125422.0 -8414.2	515 9.4 152920.0 -8436.4	605 8.4 190522.0 -8456.0
336 10.2 112528.0 -8437.1	426 10.0 125441.0 -8436.4	516 9.4 152939.0 -8434.4	606 9.4 191536.0 -8445.5
337 9.8 112553.0 -8424.8	427 10.0 125503.0 -8405.4	517 9.8 153908.0 -8403.6	607 9.3 191543.0 -8411.5
338 8.9 112702.0 -8416.2	428 9.6 125547.0 -8445.8	518 9.2 155247.0 -8433.6	608 9.2 192143.0 -8439.3
339 8.6 112758.0 -8408.0	429 9.6 125551.0 -8413.3	519 8.6 155324.0 -8407.8	609 8.9 192653.0 -8401.4

-84 610 19h28m

-85 308 11h35m

610	8.6	192808.0	-8405.2	39	9.8	32736.0	-8510.5	129	8.3	80004.0	-8507.1
611	9.1	192810.0	-8441.4	40	8.2	34639.0	-8507.5	130	9.5	80034.0	-8558.2
612	9.3	193200.0	-8455.0	41	8.6	34748.0	-8542.0	131	10.2	80255.0	-8502.3
613	9.4	193457.0	-8446.6	42	8.7	35908.0	-8501.5	132	10.2	80305.0	-8524.2
614	9.3	194557.0	-8426.3	43	9.0	40220.0	-8534.0	133	9.6	80320.0	-8505.8
615	9.3	194917.0	-8426.3	44	6.1	40557.0	-8537.6	134	8.8	80358.0	-8522.8
616	9.3	200403.0	-8429.5	45	9.2	43636.0	-8503.5	135	10.7	80553.0	-8528.7
617	8.9	200511.0	-8445.4	46	9.5	43655.0	-8547.9	136	10.3	80559.0	-8552.1
618	9.1	200708.0	-8406.5	47	9.5	43730.0	-8502.6	137	8.0	80758.0	-8534.9
619	7.1	201227.0	-8449.6	48	9.5	43750.0	-8508.4	138	9.8	80847.0	-8534.8
620	8.3	201909.0	-8407.1	49	9.3	44500.0	-8507.6	139	10.5	81139.0	-8550.7
621	9.3	202758.0	-8418.3	50	9.1	45223.0	-8502.5	140	10.7	81303.0	-8507.4
622	8.7	203055.0	-8419.8	51	9.3	45817.0	-8552.9	141	10.5	81319.0	-8516.9
623	9.6	203100.0	-8433.6	52	9.5	50045.0	-8516.0	142	10.0	81356.0	-8545.6
624	9.3	203159.0	-8403.0	53	9.1	50319.0	-8553.0	143	10.3	81555.0	-8516.1
625	8.3	204102.0	-8424.2	54	9.3	50538.0	-8511.5	144	10.5	81801.0	-8509.2
626	7.6	205457.0	-8449.1	55	8.6	50716.0	-8500.3	145	9.7	81929.0	-8535.4
627	8.5	205705.0	-8447.0	56	9.7	50746.0	-8541.0	146	10.6	82243.0	-8538.0
628	9.5	205714.0	-8406.1	57	10.0	51212.0	-8557.1	147	9.8	82345.0	-8501.5
629	9.3	211251.0	-8434.4	58	9.7	51429.0	-8556.5	148	9.8	82356.0	-8511.2
630	9.3	211332.0	-8424.9	59	9.0	51453.0	-8541.8	149	10.0	82438.0	-8508.1
631	8.7	211940.0	-8441.7	60	9.0	51459.0	-8521.2	150	9.5	82532.0	-8518.5
632	9.5	212302.0	-8420.0	61	8.3	51805.0	-8532.5	151	9.9	82628.0	-8524.8
633	7.2	212819.0	-8431.8	62	9.1	52134.0	-8549.7	152	9.8	82646.0	-8505.5
634	9.0	213432.0	-8415.5	63	9.9	52331.0	-8542.9	153	10.6	82754.0	-8501.1
635	9.1	213528.0	-8418.2	64	9.5	52436.0	-8505.4	154	10.3	82819.0	-8552.8
636	9.5	213731.0	-8408.2	65	9.1	52837.0	-8518.2	155	10.2	82819.0	-8535.3
637	8.9	214034.0	-8432.4	66	8.5	53020.0	-8537.1	156	10.3	83035.0	-8550.7
638	9.0	215036.0	-8430.9	67	9.8	53120.0	-8539.5	157	9.7	83151.0	-8524.6
639	7.7	220827.0	-8408.6	68	8.5	53144.0	-8510.5	158	10.3	83329.0	-8513.9
640	9.0	221222.0	-8414.3	69	9.7	53147.0	-8532.9	159	10.6	83418.0	-8504.7
641	9.1	222337.0	-8442.8	70	9.0	53710.0	-8509.4	160	9.9	83558.0	-8532.6
642	8.6	222356.0	-8446.8	71	9.4	54139.0	-8531.9	161	9.9	83632.0	-8540.0
643	9.1	222551.0	-8406.6	72	8.6	54239.0	-8546.9	162	9.5	83732.0	-8530.7
644	9.5	222917.0	-8428.3	73	9.8	55940.0	-8537.5	163	10.7	83853.0	-8557.3
645	9.0	222929.0	-8458.2	74	10.0	60433.0	-8536.3	164	10.6	84337.0	-8539.4
646	7.8	222944.0	-8423.6	75	9.6	60538.0	-8522.2	165	9.8	84443.0	-8539.0
647	9.3	223503.0	-8455.2	76	9.1	61053.0	-8507.8	166	9.8	84459.0	-8530.5
648	9.4	223837.0	-8442.2	77	7.6	61244.0	-8555.5	167	9.4	84647.0	-8521.7
649	9.0	224052.0	-8422.7	78	9.8	62004.0	-8524.3	168	10.2	84720.0	-8547.7
650	7.7	224159.0	-8401.0	79	9.5	62333.0	-8553.8	169	8.3	84734.0	-8556.6
651	9.3	224632.0	-8446.5	80	9.9	62416.0	-8525.8	170	10.5	84826.0	-8510.7
652	9.5	225828.0	-8414.1	81	9.7	62516.0	-8502.3	171	9.8	84927.0	-8547.9
653	9.4	225835.0	-8438.6	82	8.0	63055.0	-8537.9	172	9.6	85214.0	-8504.7
654	9.6	231314.0	-8412.4	83	9.9	63104.0	-8500.4	173	10.2	85625.0	-8500.7
655	8.8	231435.0	-8414.1	84	9.1	63113.0	-8528.0	174	10.2	85647.0	-8510.1
656	8.0	232716.0	-8431.8	85	9.9	63917.0	-8551.9	175	10.4	85738.0	-8512.7
657	9.8	233858.0	-8418.8	86	10.1	64003.0	-8501.3	176	9.5	85915.0	-8531.2
658	8.1	233912.0	-8433.4	87	9.9	64037.0	-8505.9	177	10.0	90257.0	-8519.2
659	9.8	234318.0	-8404.3	88	9.7	65208.0	-8501.6	178	10.0	90630.0	-8503.8
660	9.8	234324.0	-8410.1	89	10.2	65064.0	-8530.5	179	9.9	90711.0	-8502.8
661	8.7	235447.0	-8413.1	90	10.6	65952.0	-8539.4	180	10.5	91057.0	-8508.9
1	9.2	00613.0	-8536.3	91	10.3	70062.0	-8513.7	181	10.0	91259.0	-8507.8
2	7.5	00831.0	-8541.3	92	10.2	70091.0	-8553.6	182	9.4	91318.0	-8512.8
3	9.3	01544.0	-8546.6	93	10.2	70248.0	-8534.9	183	5.8	91423.0	-8509.7
4	9.8	01925.0	-8529.3	94	10.0	70407.0	-8545.9	184	8.5	91547.0	-8514.6
5	9.6	02351.0	-8513.4	95	9.8	70544.0	-8510.2	185	10.3	91805.0	-8554.9
6	9.5	02653.0	-8520.1	96	10.2	70742.0	-8559.5	186	9.7	91805.0	-8550.8
7	8.7	03627.0	-8556.2	97	10.2	70742.0	-8545.1	187	9.9	91810.0	-8500.5
8	9.8	03917.0	-8556.5	98	10.0	71013.0	-8543.2	188	9.7	91855.0	-8539.2
9	9.8	04016.0	-8552.1	99	10.1	71343.0	-8506.9	189	10.4	92142.0	-8549.8
10	9.6	04953.0	-8555.9	100	9.3	71527.0	-8533.8	190	10.5	92148.0	-8522.5
11	8.7	05055.0	-8542.6	101	10.2	71940.0	-8506.3	191	10.3	92736.0	-8547.1
12	8.3	05058.0	-8536.9	102	10.5	72155.0	-8509.7	192	10.0	92838.0	-8529.8
13	9.5	05636.0	-8523.7	103	9.4	72304.0	-8512.4	193	9.6	92925.0	-8532.4
14	9.2	11205.0	-8557.6	104	9.6	72731.0	-8514.2	194	10.5	93024.0	-8502.6
15	9.3	12648.0	-8519.9	105	9.8	72839.0	-8518.0	195	10.3	93107.0	-8517.0
16	9.3	13421.0	-8535.9	106	10.3	73032.0	-8509.0	196	10.4	93235.0	-8536.6
17	6.7	14450.0	-8524.0	107	9.8	73148.0	-8520.8	197	10.0	93412.0	-8503.9
18	8.9	14550.0	-8541.8	108	8.9	73208.0	-8545.0	198	9.2	93414.0	-8507.6
19	8.9	15254.0	-8523.8	109	10.0	73331.0	-8519.0	199	10.4	93448.0	-8516.3
20	9.3	15324.0	-8556.9	110	9.8	73350.0	-8534.9	200	10.0	93531.0	-8522.4
21	9.3	20218.0	-8542.8	111	10.7	73851.0	-8555.1	201	9.9	93743.0	-8527.0
22	7.7	20324.0	-8538.5	112	10.3	73855.0	-8534.0	202	10.3	93839.0	-8510.4
23	9.0	20411.0	-8516.0	113	10.3	74007.0	-8522.4	203	10.5	94131.0	-8506.4
24	8.0	20527.0	-8521.2	114	10.7	74110.0	-8532.3	204	10.5	94348.0	-8507.5
25	9.5	21739.0	-8540.0	115	9.2	74208.0	-8519.4	205	10.3	94447.0	-8525.1
26	9.4	21943.0	-8535.1	116	10.2	74241.0	-8519.6	206	10.5	94458.0	-8511.0
27	9.2	22326.0	-8552.9	117	10.4	74412.0	-8526.5	207	10.3	94640.0	-8513.4
28	9.2	22601.0	-8511.7	118	8.7	74554.0	-8559.2	208	9.7	94704.0	-8501.1
29	9.3	22605.0	-8515.9	119	9.5	74631.0	-8507.6	209	9.2	94742.0	-8559.9
30	8.6	23128.0	-8509.7	120	10.6	74730.0	-8523.0	210	6.7	94808.0	-8526.3
31	9.5	23346.0	-8506.6	121	9.9	74829.0	-8559.2	211	10.0	94906.0	-8530.5
32	9.8	24202.0	-8503.7	122	9.1	74906.0	-8516.8	212	9.5	95215.0	-8559.8
33	8.1	25123.0	-8532.6	123	10.3	75115.0	-8521.3	213	10.2	95328.0	-8529.8
34	8.9	30216.0	-8540.0	124	10.5	75220.0	-8543.7	214	10.2	95401.0	-8529.4
35	8.1	30608.0	-8515.5	125	10.0	75538.0	-8528.2	215	9.5	95404.0	-8555.9
36	9.2	32007.0	-8510.5	126	10.2	75542.0	-8524.0	216	9.9	95430.0	-8511.6
37	8.7	32505.0	-8543.9	127	10.6	75651.0	-8543.6	217	10.5	95647.0	-8541.1
38	9.5	32640.0	-8500.1	128	10.7	75723.0	-8527.9	218	10.0	95722.0	-8550.3
219	8.8	95809.0	-8551.4								
220	9.8	95902.0	-8510.1								
221	10.5	95932.0	-8510.0								
222	9.9	100232.0	-8534.9								
223	10.5	100637.0	-8500.8								
224	10.4	100641.0	-8510.1								
225	10.5	100950.0	-8505.5								
226	10.2	101018.0	-8518.3								
227	8.8	101041.0	-8520.6								
228	10.1	101136.0	-8512.8								
229	9.6	101144.0	-8527.8								
230	10.3	101237.0	-8536.2								
231	9.6	101337.0	-8515.2								
232	10.2	101705.0	-8549.8								
233	9.1	101842.0	-8557.7								
234	10.1	102050.0	-8551.5								
235	10.3	102214.0	-8559.2								
236	9.9	102649.0	-8553.1								
237	9.3	102821.0	-8524.3								
238	10.3	102850.0	-8514.6								
239	10.2	103002.0	-8543.3								
240	7.8	103055.0	-8555.2								
241	10.5	103120.0	-8550.3								
242	10.1	103234.0	-8554.0								
243	10.5	103346.0	-8547.8								
244	10.3	103353.0	-8549.0								
245	6.7	103809.0	-8526.6								
246	10.1	103820.0	-8505.7								
247	9.7	103858.0	-8531.5								
248	10.4	104035.0	-8548.6								
249	8.0	104150.0	-8543.1								
250	9.9	104209.0	-8538.8								
251	10.2	104258.0	-8559.7								
252	10.5	104302.0	-8555.6								
253	10.4	104511.0	-8534.3								
254	10.4	104553.0	-8555.6								
255	10.5	104951.0	-8505.5								
256	10.1	104958.0	-8521.4								
257	9.3	105013.0	-8511.6								
258	9.9	105052.0	-8527.9								
259	10.1	105158.0	-8521.8								
260	10.3	105214.0	-8532.6								
261	10.5	105324.0	-8551.4								
262	10.3	105421.0	-8534.2								
263	10.4	105430.0	-8534.4								
264	10.1	105611.0	-8503.0								
265	9.8	105928.0	-8522.9								
266	10.1	110105.0	-8511.4								
267	10.1	110108.0	-8519.4								
268	10.3	110553.0	-8507.1								
269	10.0	110647.0	-8505.8								
270	7.1	110748.0	-8504.3								
271	9.3	110810.0	-8544.3								
272	9.8	110839.0	-8534.9								
273	9.2	110957.0	-8514.2								
274	10.0	110955.0	-8527.5								
275	9.5	111031.0	-8542.6								
276	8.7	111047.0	-8533.1								
277	10.3	111104.0	-8515.9								
278	10.1	111133.0	-8531.3								
279	10.0	111217.0	-8525.5								
280	10.0	111246.0	-8517.8								
281	10.0	111302.0	-8510.1								
282	10.1	111310.0	-8511.8								
283	10.3	111332.0	-8553.3								
284	9.5	111455.0	-8517.0								
285	10.3	111500.0	-8502.8								
286	9.7	111749.0	-8522.1								
287	10.2	111818.0	-8537.7								
288	10.1	111902.0	-8553.7								
289	9.5	111913.0	-8502.0								
290	9.8	111941.0	-8510.6								
291	10.2	112126.0	-8523.9								
292	9.5	112130.0	-8520.6								
293	9.9	112320.0	-8506.0								
294	10.1	112333.0	-8545.2								
295	10.3	112358.0	-8504.1								
296	10.0	112531.0	-8528.9								
297	10.0	112537.0	-8523.9								
298	10.0	112752.0	-8507.9								
299	9.5	112839.0	-8528.0								
300	9.9	112932.0	-8541.8								
301	10.3	112943.0	-8500.4								
302	9.7	113120.0	-8550.7								
303	9.9	113130.0	-8522.4								
304	10.1	113227.0	-8531.0								
305	10.1	113233.0	-8525.5								
306	10.2	113528.0	-8501.9								
307	10.0	113544.0	-8508.6								
308	9.9	113550.0	-8544.2								

-85 309 11h37m

-86 108 7h33m

309	10.0	113718.0	-8513.8	399	9.0	134642.0	-8513.8	489	9.7	183505.0	-8520.6
310	9.5	113907.0	-8551.7	400	9.6	134710.0	-8517.9	490	9.5	183707.0	-8512.6
311	9.8	114329.0	-8550.1	401	9.9	134729.0	-8512.4	491	9.7	184000.0	-8521.6
312	9.8	114329.0	-8507.6	402	9.6	135241.0	-8527.3	492	9.7	184134.0	-8518.5
313	9.8	114503.0	-8501.8	403	9.6	135256.0	-8540.4	493	9.8	184445.0	-8556.2
314	9.7	114516.0	-8514.9	404	9.9	135416.0	-8509.1	494	9.7	190022.0	-8525.5
315	10.1	115042.0	-8534.9	405	9.9	135727.0	-8527.6	495	8.4	190116.0	-8514.6
316	10.0	115045.0	-8525.8	406	9.9	140635.0	-8517.9	496	9.3	190719.0	-8526.7
317	10.0	115343.0	-8504.1	407	9.4	140731.0	-8516.0	497	9.7	190744.0	-8524.7
318	10.0	115517.0	-8525.3	408	10.0	141005.0	-8524.6	498	9.8	190924.0	-8511.9
319	10.3	115612.0	-8537.1	409	10.2	141139.0	-8516.7	499	9.7	191028.0	-8529.1
320	10.1	115619.0	-8515.9	410	8.8	141856.0	-8551.0	500	8.9	191611.0	-8508.3
321	9.5	115641.0	-8512.0	411	8.8	142335.0	-8537.4	501	9.7	192236.0	-8524.0
322	9.7	115656.0	-8506.3	412	10.0	142425.0	-8518.8	502	9.4	192706.0	-8547.3
323	10.0	115758.0	-8525.5	413	9.9	142449.0	-8538.1	503	9.3	192727.0	-8513.8
324	9.1	115758.0	-8516.4	414	9.2	142724.0	-8503.0	504	8.9	194115.0	-8536.2
325	9.9	115809.0	-8512.2	415	8.6	143019.0	-8557.2	505	8.8	201401.0	-8530.5
326	10.0	115818.0	-8541.9	416	10.2	143255.0	-8520.6	506	9.3	201537.0	-8524.9
327	7.9	115950.0	-8505.0	417	9.6	143301.0	-8519.4	507	9.7	201645.0	-8537.3
328	10.0	120152.0	-8533.3	418	9.1	143356.0	-8523.2	508	8.5	202154.0	-8554.3
329	10.2	120231.0	-8532.7	419	9.6	143441.0	-8525.7	509	9.7	202247.0	-8506.7
330	10.3	120303.0	-8507.2	420	9.0	143543.0	-8549.9	510	9.1	202731.0	-8553.5
331	10.1	120434.0	-8548.0	421	9.1	143725.0	-8533.3	511	9.0	202933.0	-8516.1
332	9.7	120533.0	-8511.5	422	8.7	143733.0	-8547.6	512	8.8	203050.0	-8528.4
333	10.2	120629.0	-8538.0	423	8.9	144020.0	-8502.0	513	9.5	203212.0	-8508.9
334	9.6	120706.0	-8555.0	424	10.2	144141.0	-8523.6	514	8.9	203253.0	-8509.5
335	10.0	120734.0	-8543.8	425	10.0	144148.0	-8528.4	515	8.9	203613.0	-8511.0
336	9.7	120753.0	-8552.4	426	9.4	144213.0	-8551.9	516	8.1	204700.0	-8542.0
337	10.3	120912.0	-8540.3	427	10.0	144621.0	-8513.6	517	8.0	205051.0	-8515.4
338	9.6	120948.0	-8549.7	428	9.7	144749.0	-8557.4	518	7.8	205254.0	-8547.9
339	10.0	121224.0	-8509.1	429	8.8	144818.0	-8511.7	519	7.9	210436.0	-8520.4
340	10.3	121305.0	-8527.1	430	9.6	144959.0	-8533.8	520	9.4	210658.0	-8550.2
341	10.0	121443.0	-8503.1	431	9.4	145027.0	-8545.9	521	9.3	210933.0	-8529.6
342	9.5	121504.0	-8524.7	432	10.0	145140.0	-8505.8	522	9.3	211117.0	-8521.3
343	7.8	121550.0	-8527.4	433	9.6	145153.0	-8545.2	523	9.5	211516.0	-8502.1
344	10.2	121643.0	-8510.5	434	9.6	145603.0	-8538.9	524	9.7	212056.0	-8533.9
345	10.1	121654.0	-8517.1	435	10.2	145702.0	-8500.2	525	9.4	212106.0	-8510.2
346	10.1	121756.0	-8554.7	436	10.0	145817.0	-8531.7	526	9.4	212316.0	-8541.7
347	10.0	121900.0	-8506.1	437	9.6	150105.0	-8515.6	527	8.7	212728.0	-8506.8
348	10.3	122221.0	-8535.5	438	9.4	150636.0	-8526.1	528	7.6	212839.0	-8536.4
349	10.1	122930.0	-8540.9	439	9.1	151322.0	-8540.0	529	9.4	213131.0	-8556.7
350	9.0	123106.0	-8516.5	440	9.9	151537.0	-8542.2	530	9.1	213526.0	-8501.0
351	9.7	123218.0	-8537.2	441	9.7	152250.0	-8551.6	531	9.0	214158.0	-8519.5
352	10.1	123306.0	-8517.9	442	9.8	152340.0	-8550.9	532	9.5	214715.0	-8530.5
353	9.5	123513.0	-8521.3	443	9.0	152728.0	-8546.7	533	9.0	215113.0	-8509.8
354	10.0	123712.0	-8509.1	444	9.9	153527.0	-8549.7	534	9.3	220025.0	-8559.9
355	9.7	123727.0	-8558.5	445	9.2	154113.0	-8541.0	535	9.1	220113.0	-8517.0
356	10.3	123825.0	-8504.0	446	8.2	154711.0	-8503.5	536	9.1	220411.0	-8509.9
357	9.1	123910.0	-8509.9	447	9.9	154854.0	-8536.6	537	9.1	221208.0	-8531.9
358	9.6	124038.0	-8544.6	448	9.5	155220.0	-8526.4	538	9.4	222451.0	-8533.1
359	9.9	124056.0	-8556.7	449	9.4	155343.0	-8506.4	539	9.3	222525.0	-8525.7
360	10.3	124455.0	-8555.7	450	8.9	155346.0	-8511.6	540	9.1	222618.0	-8541.2
361	9.6	124830.0	-8537.5	451	9.8	160315.0	-8541.9	541	9.3	222857.0	-8512.9
362	10.1	125121.0	-8546.5	452	8.5	161042.0	-8515.5	542	9.4	223130.0	-8536.2
363	10.0	125504.0	-8513.2	453	8.2	162457.0	-8559.0	543	9.5	223137.0	-8537.2
364	10.1	125542.0	-8512.4	454	8.7	162610.0	-8503.8	544	9.3	223446.0	-8503.0
365	10.3	125648.0	-8539.8	455	9.0	162701.0	-8515.8	545	9.4	223453.0	-8504.9
366	10.3	125723.0	-8514.6	456	8.6	162923.0	-8524.1	546	9.5	223605.0	-8531.9
367	10.2	125748.0	-8538.7	457	9.5	164905.0	-8554.1	547	9.5	224016.0	-8500.5
368	9.9	125848.0	-8515.0	458	9.0	165046.0	-8501.0	548	9.7	224017.0	-8547.1
369	10.3	125926.0	-8510.5	459	9.3	165656.0	-8554.6	549	8.9	224933.0	-8512.4
370	9.8	125936.0	-8509.9	460	9.5	170100.0	-8503.6	550	9.2	225409.0	-8533.1
371	10.3	130049.0	-8503.7	461	9.3	170649.0	-8543.4	551	9.1	225927.0	-8541.2
372	9.9	130237.0	-8557.9	462	9.5	171102.0	-8558.0	552	9.5	230125.0	-8504.2
373	9.5	130309.0	-8512.6	463	9.0	171122.0	-8545.0	553	9.8	230329.0	-8553.7
374	9.9	130445.0	-8505.5	464	9.7	171142.0	-8506.9	554	9.6	230821.0	-8515.2
375	9.3	130850.0	-8547.6	465	10.0	171509.0	-8507.1	555	8.9	231130.0	-8511.7
376	10.0	131048.0	-8548.0	466	9.5	171841.0	-8555.0	556	9.2	231224.0	-8548.6
377	9.6	131112.0	-8520.9	467	9.3	172056.0	-8530.2	557	9.5	233010.0	-8513.1
378	9.0	131331.0	-8514.3	468	9.5	172120.0	-8514.1	558	9.0	234307.0	-8555.9
379	7.0	131612.0	-8510.6	469	7.3	172212.0	-8509.3	559	9.4	234336.0	-8524.8
380	8.8	131751.0	-8500.6	470	9.0	172805.0	-8523.2	560	9.2	235023.0	-8501.6
381	10.0	131920.0	-8524.9	471	9.3	172827.0	-8529.2	1	9.5	00108.0	-8604.2
382	9.9	132013.0	-8530.8	472	9.1	173014.0	-8503.2	2	6.8	00205.0	-8644.1
383	10.0	132055.0	-8511.9	473	9.6	173819.0	-8506.2	3	9.8	01146.0	-8626.2
384	6.2	132106.0	-8508.6	474	9.1	173823.0	-8526.0	4	9.8	02456.0	-8655.9
385	9.4	132524.0	-8507.3	475	10.0	174257.0	-8502.3	5	9.4	02937.0	-8655.4
386	9.7	132555.0	-8559.7	476	9.8	174712.0	-8541.0	6	9.6	03025.0	-8603.4
387	9.6	132604.0	-8535.4	477	9.8	175438.0	-8518.0	7	8.8	03553.0	-8654.5
388	9.9	132735.0	-8512.9	478	8.4	175456.0	-8545.5	8	8.0	03850.0	-8605.8
389	9.4	132805.0	-8503.5	479	9.7	175505.0	-8552.1	9	7.7	03954.0	-8623.2
390	8.6	133153.0	-8509.6	480	9.8	175625.0	-8524.7	10	8.0	04603.0	-8634.5
391	8.5	133204.0	-8519.9	481	8.8	175756.0	-8503.6	11	8.3	04629.0	-8657.7
392	9.9	133526.0	-8548.1	482	9.7	180326.0	-8535.7	12	9.8	10835.0	-8621.9
393	9.6	133734.0	-8544.3	483	9.3	181024.0	-8534.9	13	9.8	11506.0	-8649.4
394	9.9	133835.0	-8532.7	484	9.3	181522.0	-8540.5	14	9.2	11625.0	-8620.7
395	9.9	133838.0	-8510.6	485	9.5	181555.0	-8539.9	15	9.6	12606.0	-8618.2
396	9.6	133912.0	-8518.5	486	9.1	182839.0	-8500.2	16	9.3	13134.0	-8645.2
397	9.6	134104.0	-8553.1	487	9.3	183015.0	-8552.1	17	9.5	14519.0	-8655.1
398	10.0	134239.0	-8517.8	488	10.0	183158.0	-8540.3	18	9.1	14534.0	-8634.1
								19	9.3	14557.0	-8650.9
								20	9.3	14641.0	-8647.1
								21	9.3	15117.0	-8619.1
								22	8.9	15411.0	-8625.0
								23	9.2	15918.0	-8643.7
								24	8.9	21626.0	-8646.7
								25	9.0	21945.0	-8646.7
								26	9.2	22825.0	-8616.0
								27	9.2	23805.0	-8620.5
								28	7.5	23936.0	-8616.2
								29	9.3	24458.0	-8647.4
								30	9.8	30024.0	-8615.9
								31	7.9	30345.0	-8622.0
								32	9.2	30950.0	-8652.3
								33	8.9	31839.0	-8654.7
								34	9.1	32545.0	-8606.0
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								36	9.2	34257.0	-8605.1
								37	8.7	34405.0	-8600.1
								38	9.2	34634.0	-8638.7
								39	8.1	34931.0	-8633.0
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								41	9.0	35824.0	-8630.3
								42	9.1	41055.0	-8633.6
								43	9.4	41916.0	-8627.9
								44	9.0	42942.0	-8628.9
								45	8.8	43139.3	-8639.930
								46	8.8	43306.4	-8640.311
								47	9.8	43459.7	-8643.209
								48	7.6	43621.1	-8632.543
								49	8.2	44428.9	-8628.089
								50	9.8	45321.9	-8622.900
								51	9.6	45955.0	-8644.1
								52	9.5	50030.6	-8647.169
								53	8.2	50819.7	-8632.881
								54	9.5	50906.0	-8600.688
								55	9.8	51115.9	-8606.552
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								61	10.2	53137.2	-8621.792
								62	10.2	53349.4	-8644.655
								63	10.2	53416.3	-8635.265
								64	10.2	53550.3	-8636.998
								65	9.8	54210.7	-8651.873
								66	9.7	54223.0	-8612.2
								67	10.2	54831.1	-8647.739
								68	9.7	54844.0	-8612.2
								69	10.2	55252.6	-8656.626
								70	9.5	55405.0	-8603.1
								71	9.5	55853.7	-8650.825
								72	8.2	60407.0	-8626.2
								73	9.9	60912.0	-8601.6
								74	10.0	62154.0	-8608.9
								75	9.1	62249.0	-8637.6
								76	10.2	62324.6	-8656.884
								77	7.8	62614.0	-8603.0
								78	9.7	62823.0	-8656.4
								79	8.8	62912.2	-8652.895
								80	8.7	62956.0	-8621.6
								81	8.9	63237.0	-8614.8
								82	10.2	63239.4	-8656.927
								83	9.4	63355.0	-8609.7
								84	9.9	63419.0	-8641.5
								85	8.8	64547.0	-8642.5
								86	10.5	65308.0	-8648.1
								87	10.3	65355.0	-8600.4
								88	9.9	65945.0	-8640.0
								89	10.0	70022.0	-8644.1
								90	10.0	70238.0	-8644.9
								91	10.3	70421.0	-8655.8
								92	10.5	70502.0	-8600.5
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								94	10.2	70842.0	-8658.4
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								97	10.6	71325.0	-8651.7
								98	10.0	71354.0	-8602.1
								99	10.3	71515.0	-8613.2
								100	10.0	71547.0	-8643.0
								101	10.2	71728.0	-8620.2
								102	10.1	72735.0	-8632.8
								103	10.2	72810.0	-8622.4
								104	10.0	72811.0	-8630.5
								105	6.8	73006.0	-8649.1
								106	8.8	73121.0	-8643.2
								107	10.2	73315.0	-8627.6
								108	9.8	73320.0	-8606.7

109	9.8	73323.0	-8647.8	199	10.2	103353.2	-8615.698	289	9.9	130037.0	-8626.9	379	8.3	194303.0	-8628.0
110	10.5	73422.0	-8645.8	200	10.2	103530.9	-8649.953	290	9.7	130114.0	-8648.5	380	9.7	194342.0	-8610.5
111	10.6	73644.0	-8652.9	201	10.2	103600.3	-8637.079	291	10.0	130422.0	-8609.0	381	9.7	194435.0	-8650.9
112	10.2	73955.0	-8623.6	202	10.2	103619.3	-8630.794	292	10.4	130516.0	-8631.5	382	8.8	195206.0	-8632.9
113	10.2	74200.0	-8611.5	203	10.3	103754.0	-8656.9	293	9.7	130533.0	-8629.9	383	8.9	195445.0	-8638.0
114	10.6	74259.0	-8635.8	204	10.4	103900.0	-8648.2	294	9.6	130552.0	-8633.0	384	9.3	195626.0	-8603.2
115	10.0	74340.0	-8625.9	205	10.0	104018.0	-8629.0	295	10.1	130623.0	-8619.5	385	8.7	195957.0	-8630.2
116	10.2	74429.0	-8610.6	206	9.9	104508.0	-8610.1	296	9.9	130737.0	-8657.4	386	8.3	200028.0	-8641.8
117	10.4	75256.0	-8638.4	207	9.9	104523.0	-8627.4	297	9.6	130834.0	-8645.9	387	9.3	202003.0	-8648.0
118	10.5	75427.0	-8632.4	208	9.8	104635.0	-8610.073	298	10.1	130852.0	-8602.9	388	9.5	204131.0	-8657.6
119	9.6	75617.0	-8634.2	209	10.0	104659.0	-8642.4	299	9.2	131121.0	-8652.5	389	8.3	204958.0	-8602.9
120	10.0	75621.0	-8617.3	210	8.2	104720.9	-8614.483	300	8.5	131719.0	-8604.9	390	8.7	205004.0	-8608.8
121	10.6	80022.0	-8647.2	211	9.4	104900.0	-8600.9	301	9.9	131757.0	-8611.3	391	9.1	205259.0	-8614.0
122	10.2	80642.0	-8636.9	212	9.5	105409.9	-8645.375	302	9.0	131803.0	-8600.5	392	8.9	205509.0	-8640.0
123	9.1	80925.0	-8626.6	213	9.5	105901.5	-8636.821	303	9.4	132149.0	-8642.4	393	9.0	210056.0	-8613.1
124	10.0	81204.0	-8608.3	214	10.3	110013.0	-8655.5	304	9.6	132434.0	-8628.8	394	9.3	211741.0	-8650.4
125	9.7	81418.0	-8651.8	215	10.2	110042.3	-8639.629	305	9.1	132812.0	-8600.9	395	9.3	211754.0	-8621.0
126	10.6	81433.0	-8616.2	216	10.1	110132.0	-8629.1	306	8.8	132930.0	-8659.5	396	8.1	212146.0	-8624.1
127	9.5	81619.0	-8613.2	217	10.1	110200.0	-8643.7	307	9.2	133237.0	-8638.1	397	9.5	212641.0	-8655.9
128	10.0	81755.0	-8656.8	218	9.6	110202.3	-8635.900	308	10.2	133521.0	-8655.0	398	8.6	213437.0	-8629.4
129	9.6	82042.0	-8625.0	219	10.2	110417.0	-8638.9	309	9.6	133523.0	-8631.4	399	9.3	214253.0	-8657.0
130	9.7	82114.0	-8606.4	220	9.9	110442.0	-8634.1	310	9.4	134627.0	-8600.9	400	9.7	214653.0	-8642.5
131	10.6	82226.0	-8638.1	221	9.8	110610.0	-8631.5	311	9.6	134926.0	-8605.5	401	9.7	214707.0	-8605.5
132	9.1	82228.0	-8614.2	222	10.0	110703.0	-8658.5	312	9.6	135155.0	-8646.6	402	9.2	214839.0	-8638.9
133	10.2	82810.0	-8653.6	223	9.5	110949.1	-8641.566	313	9.3	142504.0	-8643.0	403	8.6	220056.0	-8646.5
134	10.5	82942.0	-8619.3	224	10.0	111020.0	-8641.2	314	8.5	142524.0	-8639.1	404	9.0	220136.0	-8654.4
135	10.2	83058.0	-8614.8	225	10.3	112106.0	-8633.7	315	9.3	142613.0	-8653.8	405	9.1	220621.0	-8654.2
136	10.6	83552.0	-8633.1	226	10.2	112621.2	-8642.590	316	9.9	144508.0	-8603.9	406	7.0	220700.0	-8636.0
137	8.9	84221.0	-8622.4	227	9.5	112930.0	-8618.0	317	8.8	144709.0	-8618.9	407	9.6	221507.0	-8614.9
138	6.8	84432.0	-8608.0	228	9.8	113116.1	-8645.889	318	9.4	144839.0	-8657.7	408	9.4	221950.0	-8653.6
139	10.2	84659.0	-8611.9	229	9.8	113229.0	-8616.5	319	9.7	145635.0	-8633.7	409	9.0	222142.0	-8602.9
140	10.5	84708.0	-8616.1	230	10.1	113233.0	-8655.0	320	9.7	145857.0	-8649.7	410	8.7	222219.0	-8609.3
141	9.8	84825.0	-8618.9	231	9.7	113510.0	-8632.8	321	9.1	145953.0	-8644.7	411	9.0	222344.0	-8656.0
142	9.6	84910.0	-8634.4	232	8.9	113529.0	-8634.6	322	8.5	150034.0	-8649.6	412	9.0	222523.0	-8608.1
143	10.0	85017.0	-8650.1	233	10.3	113618.0	-8639.0	323	9.6	150243.0	-8620.7	413	9.4	223457.0	-8604.0
144	9.7	85018.0	-8642.3	234	10.1	114119.0	-8603.8	324	9.9	150317.0	-8615.7	414	10.2	223701.6	-8657.233
145	10.3	85727.0	-8614.1	235	10.1	114836.0	-8635.3	325	9.9	150745.0	-8615.7	415	9.8	225925.9	-8653.494
146	9.5	85735.0	-8622.2	236	9.7	114926.0	-8615.1	326	9.6	153818.0	-8631.0	416	10.2	230226.1	-8656.083
147	10.2	85812.0	-8630.1	237	9.9	115003.0	-8605.1	327	9.8	154114.0	-8607.8	417	8.8	231323.1	-8654.371
148	9.6	90155.0	-8642.4	238	9.4	115108.0	-8642.5	328	9.5	154800.0	-8634.5	418	8.0	231621.0	-8623.8
149	10.0	90229.0	-8641.7	239	9.6	115140.0	-8614.1	329	9.7	155617.0	-8650.9	419	9.8	232525.6	-8644.973
150	10.5	90231.0	-8618.1	240	9.1	115252.0	-8605.9	330	9.7	160135.0	-8646.2	420	9.8	232950.0	-8629.5
151	10.4	90254.0	-8627.6	241	10.0	115522.0	-8622.0	331	10.2	160218.2	-8652.380	421	9.8	234332.0	-8621.3
152	8.7	90543.0	-8644.8	242	10.1	115622.0	-8627.3	332	9.5	160358.2	-8656.160	422	9.3	234404.0	-8632.0
153	10.2	90921.0	-8609.0	243	9.6	115932.0	-8645.3	333	5.9	161449.0	-8607.2	423	7.7	234416.0	-8635.5
154	9.9	91020.0	-8605.9	244	9.3	115959.0	-8603.8	334	10.2	161811.3	-8649.824	424	8.6	234653.0	-8623.6
155	8.7	91641.0	-8603.6	245	10.3	120107.0	-8634.6	335	9.8	163123.5	-8636.915	425	9.8	235632.0	-8620.3
156	9.9	91648.0	-8640.8	246	9.9	120333.0	-8609.9	336	9.7	163134.0	-8625.8	426	9.8	235706.2	-8657.073
157	9.6	91828.0	-8613.6	247	10.2	120406.0	-8610.4	337	9.4	163456.0	-8606.1	1	8.4	00519.0	-8700.176
158	9.7	91856.0	-8621.2	248	10.0	120434.0	-8601.3	338	8.2	164401.4	-8644.270	2	10.1	00845.2	-8759.928
159	10.5	92021.0	-8645.6	249	10.1	120450.0	-8656.4	339	9.5	164604.8	-8637.445	3	10.0	01046.6	-8715.370
160	10.1	92137.0	-8625.1	250	9.6	120543.0	-8637.7	340	9.8	165014.7	-8635.506	4	9.7	02503.7	-8748.286
161	9.5	92920.2	-8659.648	251	9.8	120730.0	-8637.4	341	9.7	165036.0	-8600.7	5	9.9	02706.3	-8733.836
162	10.1	93003.0	-8617.7	252	9.8	120740.0	-8631.3	342	9.7	165522.0	-8606.1	6	9.6	03255.0	-8702.1
163	10.2	93100.0	-9603.4	253	10.0	121519.0	-8630.1	343	9.0	165546.0	-8600.6	7	10.2	03320.8	-8721.333
164	10.2	93236.7	-8654.276	254	10.3	121527.0	-8618.2	344	9.1	165733.0	-8611.1	8	8.5	03719.7	-8723.587
165	10.5	93516.0	-8655.6	255	9.7	121605.0	-8612.8	345	10.2	170110.3	-8654.180	9	10.2	03752.7	-8716.545
166	9.3	93821.0	-8607.7	256	10.3	121645.0	-8639.2	346	9.5	171304.0	-8644.3	10	9.7	04036.1	-8740.291
167	9.6	93833.0	-8637.7	257	10.4	121948.0	-8629.2	347	9.1	171344.0	-8602.5	11	10.0	04719.1	-8752.624
168	9.8	94119.0	-8655.393	258	10.1	121958.0	-8644.8	348	9.3	171613.0	-8635.2	12	9.6	04734.7	-8737.973
169	10.0	94323.0	-8652.8	259	10.1	122016.0	-8655.9	349	9.3	172000.0	-8634.9	13	10.1	04916.7	-8749.964
170	8.4	94451.0	-8636.5	260	10.3	122020.0	-8607.0	350	9.7	173943.0	-8635.8	14	10.2	04919.7	-8713.881
171	9.9	94835.0	-8646.4	261	9.9	122329.0	-8622.9	351	8.6	174016.0	-8641.0	15	10.2	05521.1	-8711.777
172	10.1	95030.0	-8609.5	262	9.8	122527.0	-8620.0	352	9.0	174159.0	-8602.2	16	9.1	05740.0	-8707.6
173	10.3	95055.0	-8620.7	263	10.1	122608.0	-8622.0	353	9.0	174333.0	-8618.4	17	10.1	10714.6	-8746.695
174	7.9	95239.8	-8639.865	264	9.8	122842.0	-8611.5	354	9.4	174501.0	-8625.5	18	10.0	11035.5	-8727.894
175	10.4	95443.0	-8638.6	265	10.2	122921.0	-8633.9	355	9.3	175200.0	-8614.6	19	9.1	11426.5	-8717.364
176	10.0	95454.0	-8614.6	266	10.1	123447.0	-8630.1	356	9.5	180031.0	-8632.3	20	9.9	11718.6	-8752.738
177	9.6	95628.0	-8619.0	267	10.2	123611.0	-8639.3	357	8.5	180032.0	-8616.0	21	9.4	12325.0	-8702.9
178	10.3	95817.0	-8605.4	268	9.9	123636.0	-8646.3	358	9.3	180129.0	-8635.0	22	9.7	12401.4	-8744.913
179	9.0	100121.0	-8606.0	269	9.7	123813.0	-8612.5	359	9.5	181105.0	-8637.7	23	8.8	13514.0	-8759.356
180	10.5	100259.0	-8641.9	270	10.2	123850.0	-8603.1	360	10.0	181412.0	-8650.8	24	10.1	13635.1	-8737.504
181	10.4	100443.0	-8613.5	271	10.4	124142.0	-8629.9	361	8.3	182158.0	-8609.1	25	9.8	13918.0	-8739.355
182	10.4	100455.0	-8655.7	272	10.0	124204.0	-8642.8	362	9.7	182233.0	-8601.5	26	9.8	15803.0	-8718.5
183	9.9	100504.0	-8637.8	273	9.2	124216.0	-8659.2	363	9.0	183111.0	-8605.3	27	9.2	20343.4	-8748.394
184	10.2	100659.8	-8630.676	274	9.7	124433.0	-8632.2	364	9.6	183602.0	-8634.1	28	9.5	20938.5	-8735.168
185	10.0	100832.0	-8641.5	275	9.4	124635.0	-8615.3	365	9.5	183939.0	-8602.7	29	9.0	21709.2	-8749.571
186	10.3	100920.0	-8622.6	276	10.0	124650.0	-8605.1	366	9.4	183951.0	-8647.4	30	10.2	24443.7	-8732.843
187	10.5	101015.0	-8624.0	277	9.2	124748.0	-8646.0	367	9.3	184256.0	-8617.3	31	10.2	24639.6	-8739.890
188	9.7	101027.0	-8605.6	278	8.7	124858.0	-8632.9	368	9.5	184729.0	-8645.6	32	9.2	25442.1	-8751.821
189	8.3	101125.0	-8618.2	279	10.2	124904.0	-8603.3	369	9.7	184731.0	-8605.2	33	10.2	25442.7	-8746.182
190	10.4	101126.0	-8648.9	280	9.7	124907.0	-8610.3	370	9.1	184732.0	-8642.7	34	10.0	30430.7	-8746.727
191	10.5	101416.0	-8607.3	281	10.4	124932.0	-8639.8	371	9.8	185459.0	-8633.6	35	9.5	30805.0	-8701.9
192	10.5	101432.0	-8641.8	282	10.1	125034.0	-8629.6	372	9.0	185847.0	-8606.4	36	9.6	31209.9	-8747.526
193	10.1	102615.0	-8630.1	283	7.8	125340.0	-8653.2	373	10.0	190201.0	-8619.5	37	10.2	31301.1	-8711.132
194	10.2	102848.0	-8616.140	284	10.1	125428.0	-8607.6	374	9.5	190407.0	-8609.6	38	9.7	31657.0	-8712.646
195	10.4	103019.0	-8643.6	285	10.2	125454.0	-8628.9	375	9.8	190415.0	-8601.1	39	10.4	31751.0	-8755.423
196	10.2	103032.0	-8601.9	286	10.3	125500.0	-8637.8	376	9.8	190447.0	-8622.6	40	10.0	32048.5	-8714.417
197	10.2	103318.0	-8613.3	287	10.1	125504.0	-8637.4	377	9.7	193043.0	-8603.3	41	10.1	32139.9	-8728.985
198	10.1	103346.0	-8635.8	288	9.4	125518.0	-8611.0	378	9.6	193734.0	-8616.2	42	9.4	32345.2	-8740.844

-87 43 3h24m

-88 53 5h28m

43	9.7	32430.9	-8742.373	133	10.5	84435.0	-8710.4	223	10.4	131352.0	-8741.5	313	9.9	212053.5	-8749.223
44	9.5	32459.4	-8722.308	134	10.5	84441.0	-8705.4	224	10.2	132522.0	-8756.1	314	9.4	213143.0	-8752.842
45	9.6	32731.8	-8742.717	135	10.5	84842.0	-8727.8	225	10.0	133006.0	-8709.6	315	10.3	213248.0	-8740.3
46	10.2	32938.8	-8756.196	136	9.5	85945.1	-8722.398	226	9.5	133209.6	-8724.863	316	9.5	213607.0	-8704.8
47	8.9	32952.1	-8709.979	137	10.5	90205.0	-8720.0	227	9.0	135218.2	-8759.946	317	8.0	214128.0	-8704.8
48	10.1	33617.1	-8722.876	138	7.3	90239.9	-8716.610	228	9.7	135632.9	-8745.621	318	8.8	214709.4	-8752.687
49	9.9	33642.5	-8735.447	139	10.5	90429.0	-8721.6	229	9.2	140200.3	-8749.290	319	9.7	214734.7	-8746.540
50	10.2	34125.3	-8750.008	140	9.7	90628.9	-8721.573	230	9.9	140719.7	-8724.238	320	9.0	215618.2	-8716.547
51	8.4	34136.0	-8746.199	141	8.9	91206.4	-8701.257	231	9.7	140818.6	-8740.863	321	9.5	220000.3	-8744.432
52	10.2	35152.3	-8701.016	142	10.4	91417.6	-8756.480	232	10.5	141607.0	-8735.4	322	10.2	220103.8	-8717.335
53	10.3	35950.2	-8741.474	143	9.7	91541.3	-8728.799	233	8.9	142523.7	-8735.233	323	8.3	220152.2	-8757.148
54	8.8	40143.9	-8737.093	144	10.3	91705.0	-8700.7	234	8.8	142747.0	-8703.0	324	8.8	220353.3	-8736.308
55	9.2	41159.4	-8758.644	145	10.3	91736.0	-8734.1	235	7.2	142911.0	-8737.950	325	9.4	220418.6	-8717.318
56	9.7	41500.3	-8741.497	146	9.9	91947.5	-8737.257	236	8.4	143343.0	-8712.8	326	10.0	220554.7	-8748.478
57	9.9	41837.1	-8739.552	147	9.0	92532.1	-8744.934	237	8.4	144426.0	-8709.4	327	9.0	220657.9	-8727.787
58	8.9	42032.3	-8742.004	148	9.9	92706.2	-8705.133	238	8.8	144909.3	-8719.102	328	10.2	221841.7	-8731.067
59	10.5	42109.5	-8746.067	149	9.7	93759.0	-8733.079	239	9.9	145741.0	-8711.5	329	9.3	223201.0	-8741.709
60	10.5	42640.2	-8737.845	150	9.2	94105.6	-8701.059	240	9.9	150011.5	-8747.768	330	10.2	223920.9	-8700.336
61	10.2	43517.3	-8743.249	151	7.6	94227.6	-8744.097	241	8.5	150742.3	-8736.568	331	9.2	224252.4	-8702.427
62	10.0	43805.5	-8731.595	152	8.8	94509.3	-8722.254	242	9.9	150951.4	-8738.909	332	10.2	224424.3	-8748.466
63	10.4	43922.6	-8739.716	153	10.3	95009.0	-8746.2	243	9.4	151242.4	-8730.101	333	9.9	224759.9	-8756.627
64	9.5	45125.0	-8717.456	154	10.5	95311.0	-8711.7	244	10.3	151419.0	-8747.9	334	10.2	225046.9	-8712.175
65	9.7	45216.4	-8702.936	155	9.4	95644.1	-8724.101	245	10.0	151844.0	-8706.1	335	9.5	225824.9	-8738.440
66	9.9	45252.4	-8746.201	156	10.5	95850.0	-8707.6	246	9.9	152142.9	-8710.900	336	9.7	230904.7	-8752.673
67	10.0	50015.5	-8726.852	157	9.2	100116.2	-8721.782	247	8.7	152722.7	-8724.184	337	9.9	231354.1	-8727.317
68	8.9	50419.0	-8709.623	158	9.4	100412.3	-8716.149	248	9.9	153048.9	-8739.368	338	10.2	231808.6	-8705.291
69	10.0	50453.7	-8704.202	159	10.4	101517.0	-8709.2	249	10.1	154452.4	-8743.530	339	7.8	232701.2	-8705.373
70	9.5	50714.2	-8716.146	160	10.3	101539.0	-8742.8	250	8.8	154902.4	-8713.482	340	9.7	232717.5	-8744.331
71	9.9	51005.0	-8737.223	161	9.2	102008.5	-8744.863	251	9.7	155330.5	-8725.650	341	9.2	232920.2	-8733.959
72	10.2	51027.4	-8737.403	162	10.3	102030.0	-8711.3	252	9.8	155900.4	-8756.477	342	10.2	233144.8	-8706.663
73	10.4	51032.4	-8759.349	163	10.5	102101.0	-8728.5	253	9.9	160044.3	-8736.463	343	10.1	233451.3	-8716.155
74	9.9	51246.3	-8720.925	164	9.7	102215.3	-8717.829	254	10.1	160113.2	-8749.902	344	9.7	233551.4	-8757.401
75	10.0	51301.7	-8718.680	165	9.7	102645.5	-8736.548	255	9.9	160233.7	-8731.800	345	9.6	234121.5	-8741.378
76	9.0	52025.4	-8720.032	166	8.9	103535.1	-8705.374	256	10.3	160339.7	-8733.495	346	10.0	234520.7	-8729.153
77	10.0	52709.0	-8758.5	167	10.2	104130.0	-8706.5	257	10.1	160449.2	-8727.805	347	9.8	234558.3	-8703.927
78	9.9	52848.0	-8707.425	168	10.1	104635.3	-8734.243	258	8.5	160754.9	-8703.063	348	9.2	235039.4	-8708.176
79	10.4	53338.0	-8738.295	169	9.3	104648.4	-8721.180	259	7.8	161046.7	-8719.885	349	9.7	235207.1	-8730.400
80	10.4	53434.9	-8736.722	170	9.4	104652.2	-8729.959	260	9.4	161214.5	-8740.264	1	8.7	00734.4	-8806.613
81	9.7	53913.7	-8716.061	171	10.1	105147.0	-8715.4	261	9.4	161222.4	-8725.030	2	8.5	02114.4	-8821.730
82	10.1	54319.9	-8715.683	172	9.2	105911.6	-8740.051	262	8.8	162022.7	-8701.926	3	9.7	02531.0	-8848.914
83	9.9	55026.0	-8755.076	173	10.2	110423.0	-8719.3	263	10.2	162136.0	-8705.659	4	10.0	02809.4	-8858.920
84	10.1	55200.0	-8729.6	174	10.4	110957.0	-8703.2	264	10.1	163216.5	-8745.774	5	10.2	03814.1	-8800.734
85	9.7	55710.7	-8729.071	175	10.1	111804.0	-8710.7	265	10.3	164932.6	-8748.693	6	10.6	10810.9	-8825.673
86	8.9	55757.2	-8707.927	176	8.6	111819.7	-8740.079	266	9.2	165324.0	-8707.873	7	10.0	10816.8	-8842.651
87	9.4	60556.8	-8754.384	177	10.3	112146.0	-8704.5	267	8.8	165328.6	-8715.561	8	9.9	11249.6	-8839.769
88	10.5	60616.1	-8709.579	178	9.5	112207.2	-8705.670	268	9.4	170501.6	-8753.192	9	10.1	12424.9	-8844.177
89	10.0	60651.0	-8759.778	179	10.3	112538.0	-8719.0	269	9.3	170711.1	-8713.182	10	9.9	12717.4	-8846.386
90	9.9	60745.3	-8738.162	180	9.0	112622.0	-8733.8	270	9.4	171033.7	-8747.842	11	10.1	12839.6	-8837.354
91	9.4	62203.7	-8702.897	181	10.3	112809.0	-8707.7	271	10.4	172042.7	-8731.054	12	9.3	13102.8	-8821.031
92	10.0	62631.2	-8727.663	182	10.3	113307.0	-8700.2	272	10.5	173348.4	-8749.607	13	9.3	13834.0	-8830.841
93	9.5	63501.6	-8747.625	183	10.1	113842.0	-8718.9	273	10.4	173716.0	-8700.6	14	10.2	15955.7	-8837.668
94	10.1	64738.0	-8707.1	184	10.0	113923.9	-8733.030	274	7.2	174113.5	-8739.411	15	10.3	20916.8	-8807.707
95	9.9	65103.6	-8726.750	185	9.9	114034.1	-8722.326	275	9.9	174903.0	-8740.150	16	10.2	22232.9	-8816.222
96	9.7	65341.2	-8718.463	186	9.8	114324.0	-8705.4	276	9.9	174906.4	-8713.209	17	9.5	23946.5	-8813.850
97	9.4	65353.1	-8747.187	187	10.2	114941.0	-8741.8	277	10.3	175819.1	-8739.216	18	8.7	24302.9	-8829.395
98	9.5	65518.0	-8756.381	188	10.0	115101.0	-8701.1	278	10.1	180138.3	-8735.232	19	10.2	24521.8	-8831.331
99	10.3	70959.1	-8759.753	189	10.4	115135.0	-8733.4	279	10.2	180423.5	-8718.307	20	9.9	24900.3	-8812.421
100	10.4	71123.0	-8729.6	190	9.2	115249.9	-8733.789	280	9.9	180539.4	-8729.861	21	10.4	24949.4	-8835.474
101	9.2	71211.5	-8716.283	191	10.2	115346.0	-8734.8	281	9.9	180632.7	-8749.636	22	7.8	25027.0	-8856.108
102	9.6	71322.3	-8755.360	192	9.7	115539.1	-8730.264	282	9.4	180732.3	-8718.347	23	9.7	25117.1	-8845.869
103	9.0	71705.1	-8723.997	193	10.2	115548.0	-8749.0	283	9.8	182129.0	-8705.5	24	10.2	25645.9	-8831.149
104	10.2	72007.0	-8700.1	194	9.0	115736.1	-8741.533	284	10.4	182627.4	-8743.322	25	10.4	25731.0	-8811.2
105	9.2	72319.3	-8733.400	195	10.0	120740.0	-8700.3	285	9.7	183103.0	-8707.9	26	9.0	30151.3	-8824.327
106	8.8	72943.6	-8709.419	196	6.5	120744.6	-8743.226	286	9.5	183548.4	-8736.181	27	8.8	31951.9	-8839.962
107	10.3	73103.0	-8722.8	197	10.3	120913.0	-8703.7	287	9.9	183719.0	-8757.571	28	9.9	32232.9	-8812.731
108	10.4	73154.0	-8736.7	198	9.4	121043.1	-8701.000	288	10.3	184441.9	-8728.582	29	10.2	33123.1	-8820.198
109	10.5	73353.0	-8709.4	199	10.3	122128.0	-8733.0	289	10.3	185119.2	-8748.714	30	9.0	33911.7	-8807.251
110	10.5	73945.0	-8710.8	200	10.0	122210.5	-8725.096	290	10.1	185730.8	-8755.457	31	9.9	33920.9	-8808.840
111	10.3	74108.0	-8704.8	201	9.4	122310.5	-8752.104	291	9.4	190327.0	-8706.2	32	9.0	34457.2	-8822.465
112	10.6	74510.0	-8712.9	202	10.0	122401.0	-8710.1	292	9.6	190821.7	-8739.934	33	10.3	35055.9	-8820.013
113	8.4	74532.9	-8703.482	203	9.5	122448.7	-8732.834	293	8.7	191755.3	-8759.697	34	10.0	35152.1	-8843.598
114	9.0	74849.5	-8705.195	204	10.1	122750.0	-8733.0	294	9.5	191851.0	-8729.3	35	10.1	35154.1	-8830.099
115	10.1	74933.9	-8715.674	205	10.0	122944.5	-8709.751	295	8.4	192200.1	-8748.445	36	10.0	35244.6	-8843.424
116	8.8	75041.3	-8729.564	206	9.5	123021	-8706.289	296	9.2	193807.9	-8754.475	37	10.2	35727.0	-8853.600
117	10.4	75056.0	-8747.7	207	9.0	123120	-8726.082	297	9.3	194310.0	-8716.1	38	10.1	35851.7	-8807.495
118	10.5	75129.0	-8738.3	208	10.3	123244.0	-8737.8	298	7.4	200905.0	-8712.8	39	9.7	35955.7	-8811.124
119	9.4	75344.9	-8744.160	209	10.0	123458.2	-8756.964	299	9.6	201434.6	-8751.918	40	9.9	40259.5	-8859.712
120	10.3	75641.0	-8711.3	210	10.3	123500.0	-8738.6	300	9.9	202311.7	-8746.672	41	10.4	40857.6	-8852.678
121	8.9	75934.0	-8708.288	211	10.3	123705.0	-8701.6	301	10.4	203319.8	-8757.069	42	9.4	40947.7	-8822.247
122	9.9	80024.2	-8759.173	212	9.0	124246.5	-8738.926	302	9.4	203409.0	-8732.2	43	10.2	41440.3	-8802.894
123	8.8	80805.6	-8720.698	213	9.8	124358.0	-8702.5	303	8.9	203424.0	-8732.4	44	9.4	41756.0	-8823.548
124	9.9	80905.5	-8756.933	214	10.3	124712.0	-8724.8	304	9.7	204107.0	-8721.4	45	10.5	43023.3	-8819.600
125	8.9	81052.0	-8713.119	215	9.5	125118.9	-8723.556	305	8.9	204459.4	-8742.064	46	9.0	43156.7	-8857.180
126	9.0	81407.2	-8709.069	216	10.3	125207.0	-8741.4	306	8.9	205047.0	-8718.7	47	9.9	43351.5	-8826.718
127	9.9	81801.1	-8718.673	217	10.1	125254.0	-8705.7	307	10.1	205732.0	-8747.042	48	10.0	44834.5	-8851.846
128	9.7	81807.7	-8732.075	218	10.0	125706.0	-8702.9	308	9.2	205745.3	-8748.744	49	8.9	45054.6	-8807.878
129	9.2	83211.6	-8732.449	219	10.1	125918.0	-8731.5	309	9.9	210057.0	-8721.6	50	8.5	45248.8	-8834.452
130	10.7	83545.0	-8704.0	220	10.0	125940.0	-8718.4	310	10.2	210213.8	-8756.557	51	10.5	50002.5	-8807.672
131	10.1	84345.0	-8729.1	221	10.4	130325.0	-8703.8	311	9.5	210755.1	-8739.022	52	10.0	51717.3	-8812.305
132	10.7	84401.0	-8704.4	222	8.6	130413.0	-8749.798	312	9.5	211828.0	-8755.9	53	7.1	52821.5	-8800.811

-88 54 5h59m

-89 62 23h52m

54	9.5	55947.9	-8848.681	144	10.3	155719.0	-8855.1	21	9.9	80432.9	-8904.297
55	9.6	60101.1	-8816.513	145	10.4	155910.0	-8820.3	22	8.3	81454.6	-8909.704
56	10.1	60400.8	-8848.265	146	10.1	160811.4	-8801.787	23	10.1	83217.3	-8911.990
57	10.0	60725.4	-8854.139	147	8.6	161446.7	-8848.542	24	9.7	92448.0	-8908.669
58	8.3	61715.8	-8821.291	148	9.6	162428.7	-8837.114	25	10.1	95916.9	-8908.386
59	9.5	62152.7	-8809.590	149	10.5	163205.0	-8810.568	26	9.9	100157.5	-8904.089
60	9.9	62215.1	-8822.411	150	9.3	163304.9	-8842.739	27	10.5	101649.6	-8913.993
61	10.5	63430.1	-8815.514	151	9.9	164502.1	-8848.643	28	10.3	101830.4	-8911.039
62	10.3	63904.9	-8820.937	152	9.9	164536.1	-8815.770	29	10.1	102433.9	-8917.114
63	9.8	63953.1	-8858.269	153	9.2	164548.0	-8835.937	30	10.1	102626.8	-8900.117
64	10.3	71039.4	-8818.430	154	10.1	164743.7	-8819.700	31	10.1	104351.6	-8923.990
65	8.2	72133.5	-8849.474	155	10.1	164912.8	-8857.634	32	9.9	110143.6	-8907.833
66	9.7	72402.4	-8848.371	156	10.3	171309.0	-8818.348	33	9.0	112258.1	-8910.655
67	9.3	73339.1	-8813.103	157	10.0	171619.7	-8810.773	34	7.6	112730.8	-8906.672
68	6.7	81036.2	-8830.171	158	9.2	171636.7	-8857.244	35	9.7	120744.4	-8911.172
69	9.7	81132.4	-8814.113	159	9.9	173614.9	-8858.295	36	10.2	123255.4	-8908.622
70	10.3	81532.0	-8810.9	160	9.4	173857.1	-8821.309	37	8.3	123328.0	-8906.765
71	8.5	81704.2	-8815.403	161	9.9	180139.1	-8800.159	38	9.5	125028.4	-8937.171
72	10.3	82118.0	-8831.200	162	9.4	181747.7	-8830.998	39	9.9	134809.4	-8934.425
73	10.2	84906.9	-8843.239	163	10.1	181831.8	-8830.108	40	9.9	135259.1	-8933.851
74	8.5	85633.4	-8802.726	164	9.6	181946.7	-8839.582	41	10.3	142825.4	-8950.347
75	10.3	85712.0	-8803.6	165	10.1	182124.0	-8809.756	42	9.9	160116.4	-8915.683
76	7.7	85815.3	-8827.980	166	10.1	182643.0	-8818.423	43	9.7	163207.7	-8909.301
77	10.1	90158.4	-8826.781	167	9.4	182957.5	-8803.424	44	10.3	173651.4	-8918.415
78	10.1	90255.6	-8806.989	168	10.3	184324.4	-8841.953	45	10.3	173827.4	-8917.003
79	9.9	90312.4	-8805.469	169	8.5	185506.8	-8806.040	46	10.3	175457.1	-8946.505
80	10.0	90319.1	-8853.468	170	8.7	190907.3	-8826.758	47	5.7	181534.7	-8916.649
81	9.4	91059.6	-8809.795	171	9.9	190922.2	-8845.644	48	10.0	191528.1	-8906.594
82	9.9	91312.7	-8814.713	172	10.5	191036.2	-8854.856	49	10.1	193025.5	-8937.032
83	9.7	91546.8	-8814.417	173	10.2	191832.1	-8800.893	50	9.2	200957.5	-8926.621
84	10.3	91947.0	-8823.5	174	10.3	192452.0	-8819.6	51	9.7	204727.3	-8920.742
85	9.9	92031.5	-8858.994	175	9.4	192636.4	-8851.536	52	9.7	205106.9	-8921.928
86	7.6	93833.3	-8830.705	176	10.3	192814.0	-8833.566	53	6.5	210345.4	-8925.488
87	10.1	94037.0	-8813.4	177	9.9	194340.9	-8836.007	54	10.1	220158.5	-8928.251
88	9.5	94903.8	-8805.185	178	10.1	201632.1	-8821.021	55	10.3	221111.9	-8945.918
89	9.9	94944.2	-8853.528	179	10.1	202123.7	-8814.227	56	9.7	221310.3	-8923.023
90	9.4	101017.7	-8813.511	180	10.5	203124.6	-8815.875	57	10.1	222622.7	-8916.380
91	10.0	101523.6	-8850.696	181	9.7	203859.1	-8813.569	58	10.3	225009.7	-8932.246
92	8.9	101644.6	-8802.411	182	10.4	205508.5	-8817.000	59	10.2	225708.5	-8917.931
93	10.3	101802.0	-8819.3	183	9.9	210340.6	-8809.081	60	10.3	232552.3	-8911.413
94	8.1	102625.6	-8824.678	184	10.0	210709.2	-8827.987	61	10.1	234613.9	-8915.824
95	8.5	102946.4	-8852.753	185	10.1	210740.1	-8848.611	62	8.9	235238.7	-8901.504
96	9.5	103508.5	-8827.163	186	10.0	212543.9	-8848.649				
97	10.0	103800.0	-8806.608	187	9.9	212940.1	-8825.589				
98	10.4	103827.0	-8807.9	188	9.0	213144.5	-8823.951				
99	8.5	103848.0	-8802.288	189	10.0	213311.9	-8845.272				
100	9.6	104133.3	-8818.653	190	9.9	214747.0	-8828.292				
101	8.4	104145.2	-8843.544	191	9.4	214926.0	-8807.396				
102	9.5	104614.8	-8803.251	192	8.4	214951.0	-8857.400				
103	9.9	104913.4	-8821.346	193	9.9	215341.3	-8853.151				
104	8.8	105948.8	-8821.125	194	9.7	215638.7	-8816.234				
105	10.1	110044.9	-8823.932	195	10.0	215816.9	-8812.709				
106	10.0	110441.3	-8801.829	196	10.1	222002.0	-8854.757				
107	8.5	112246.0	-8816.565	197	8.8	222041.6	-8831.950				
108	9.0	112455.4	-8845.059	198	9.7	222845.4	-8852.979				
109	7.4	112605.6	-8833.331	199	10.0	223802.7	-8814.845				
110	10.0	114333.9	-8849.217	200	10.1	224020.6	-8824.739				
111	9.8	114645.2	-8832.949	201	9.2	224602.4	-8838.104				
112	9.7	120759.0	-8836.813	202	8.4	225624.5	-8814.188				
113	9.9	120855.1	-8819.509	203	9.9	230646.4	-8806.141				
114	10.1	120939.6	-8855.360	204	7.1	230815.8	-8810.068				
115	10.3	121254.0	-8821.2	205	9.9	231038.6	-8831.093				
116	10.3	121742.0	-8825.3	206	9.9	231107.1	-8816.436				
117	10.1	122512.0	-8815.6	207	10.1	231949.4	-8842.163				
118	9.9	122954.2	-8852.275	208	10.5	232100.9	-8835.349				
119	10.0	125542.2	-8855.987	209	10.2	232247.7	-8826.992				
120	9.2	130250.6	-8808.972	210	10.6	232555.0	-8839.607				
121	10.5	131042.3	-8852.799	211	8.5	232957.6	-8858.657				
122	10.0	131735.0	-8804.6	212	10.3	234139.7	-8816.896				
123	9.8	132122.0	-8808.805	213	9.5	234615.1	-8830.347				
124	10.1	132124.2	-8827.312	1	7.2	01253.9	-8903.511				
125	8.9	132143.3	-8807.499	2	10.0	03543.3	-8900.580				
126	10.2	134836.7	-8824.344	3	9.0	05829.1	-8918.384				
127	8.1	135755.8	-8848.079	4	10.0	11454.3	-8936.220				
128	10.2	141255.0	-8812.6	5	9.0	11654.6	-8905.248				
129	10.1	142029.6	-8832.060	6	8.9	15042.8	-8906.390				
130	8.8	142217.2	-8809.464	7	10.0	23840.4	-8939.891				
131	9.7	144602.0	-8805.327	8	10.2	24035.2	-8932.734				
132	9.9	145041.9	-8849.726	9	9.9	24236.4	-8928.469				
133	9.5	145250.9	-8853.796	10	9.9	31748.0	-8924.026				
134	10.1	145459.2	-8821.048	11	9.2	32131.7	-8948.415				
135	9.5	150125.3	-8811.677	12	9.5	33531.1	-8906.191				
136	9.9	150512.8	-8840.697	13	10.3	35509.3	-8902.693				
137	9.3	150540.0	-8827.798	14	10.0	40939.3	-8919.613				
138	9.7	150906.1	-8855.954	15	10.2	50346.5	-8919.659				
139	9.4	152528.1	-8835.163	16	9.5	53654.5	-8932.821				
140	9.7	153429.4	-8812.773	17	9.9	54036.0	-8932.110				
141	9.2	153854.0	-8837.525	18	10.2	54104.4	-8920.681				
142	8.8	153958.1	-8857.897	19	9.9	62131.0	-8949.393				
143	10.3	155328.6	-8834.847	20	10.4	70014.8	-8905.122				

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13. ABSTRACT *(Maximum 200 words)*

The *Cape Photographic Durchmusterung* (CPD, Gill and Kapteyn 1895–1900) is a photographic survey of southern stars in the declination range –18 to –90 degrees. This volume covers the declination range –53° through –89°. Positions are given for the 1875 equinox. The summary of the positional uncertainties quoted in the third volume of the published catalog gives ± 0.28 sec (R.A.), ± 0.044 arcmin (Dec.) for zones –18 to –57 degrees, ± 0.157 sec + 0.0764/cos (δ) sec (R.A.), ± 0.056 arcmin (Dec.) for zones –58 to –85 degrees, ±0.157 sec + 0.0353/cos (δ) sec (R.A.), ± 0.0127 arcmin (Dec.) for the polar plate where, as explained in the introduction to the third volume, many positions were derived from rectangular coordinates (these are positions reported to 0.1 sec (R.A.) and 0.001 arcmin (Dec.) in the –86 to –89 degree zones in the catalog). The probable error of a photographic magnitude, as determined by combining results for different magnitudes and weighting proportionately according to the numbers of stars in each class of magnitude, is given as ± 0.055 mag. From an analysis of the faint magnitude limits on the plates discussed in the third volume introduction, the catalog as a whole can be considered complete to photographic magnitude 9.2, but it is stated that it will be found practically complete, in or near the Milky Way, to magnitude 9.5.

14. SUBJECT TERMS

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